

East Lindsey District Council

Estimated Background Air Pollution Maps (base year 2018), downloaded from <https://uk-air.defra.go>

Concentrations are as ug.m-3 gravimetric PM10

| Local_Auth | x | y | geo_area | EU_zone | Total_PM10 | Motorway | Motorway | Trunk_A_R |
|------------|--------|--------|----------|---------|------------|----------|----------|-----------|
| 90 | 535500 | 405500 | 6 | 0 | 11.50782 | 0 | 0 | 0 |
| 90 | 533500 | 404500 | 6 | 32 | 14.3615 | 0 | 0 | 0 |
| 90 | 534500 | 404500 | 6 | 32 | 12.22309 | 0 | 0 | 0 |
| 90 | 535500 | 404500 | 6 | 32 | 11.85202 | 0 | 0 | 0 |
| 90 | 536500 | 404500 | 6 | 32 | 11.68725 | 0 | 0 | 0 |
| 90 | 537500 | 404500 | 6 | 0 | 11.45414 | 0 | 0 | 0 |
| 90 | 538500 | 404500 | 6 | 0 | 11.25989 | 0 | 0 | 0 |
| 90 | 528500 | 403500 | 6 | 32 | 14.57122 | 0 | 0 | 0 |
| 90 | 529500 | 403500 | 6 | 32 | 15.16906 | 0 | 0 | 0 |
| 90 | 530500 | 403500 | 6 | 32 | 15.20988 | 0 | 0 | 0 |
| 90 | 531500 | 403500 | 6 | 32 | 14.95254 | 0 | 0 | 0 |
| 90 | 532500 | 403500 | 6 | 32 | 15.34339 | 0 | 0 | 0 |
| 90 | 533500 | 403500 | 6 | 32 | 15.10582 | 0 | 0 | 0 |
| 90 | 534500 | 403500 | 6 | 32 | 14.5761 | 0 | 0 | 0 |
| 90 | 535500 | 403500 | 6 | 32 | 13.57089 | 0 | 0 | 0 |
| 90 | 536500 | 403500 | 6 | 32 | 13.21376 | 0 | 0 | 0 |
| 90 | 537500 | 403500 | 6 | 32 | 11.92687 | 0 | 0 | 0 |
| 90 | 538500 | 403500 | 6 | 0 | 11.48928 | 0 | 0 | 0 |
| 90 | 528500 | 402500 | 6 | 32 | 13.90737 | 0 | 0 | 0 |
| 90 | 529500 | 402500 | 6 | 32 | 14.53507 | 0 | 0 | 0 |
| 90 | 530500 | 402500 | 6 | 32 | 14.77633 | 0 | 0 | 0 |
| 90 | 531500 | 402500 | 6 | 32 | 15.15333 | 0 | 0 | 0 |
| 90 | 532500 | 402500 | 6 | 32 | 14.2842 | 0 | 0 | 0 |
| 90 | 533500 | 402500 | 6 | 32 | 14.9175 | 0 | 0 | 0 |
| 90 | 534500 | 402500 | 6 | 32 | 14.87696 | 0 | 0 | 0 |
| 90 | 535500 | 402500 | 6 | 32 | 14.99467 | 0 | 0 | 0 |
| 90 | 536500 | 402500 | 6 | 32 | 14.69511 | 0 | 0 | 0 |
| 90 | 537500 | 402500 | 6 | 32 | 13.60628 | 0 | 0 | 0 |
| 90 | 538500 | 402500 | 6 | 32 | 11.9063 | 0 | 0 | 0 |
| 90 | 539500 | 402500 | 6 | 32 | 11.52789 | 0 | 0 | 0 |
| 90 | 540500 | 402500 | 6 | 32 | 11.27577 | 0 | 0 | 0 |
| 90 | 541500 | 402500 | 6 | 32 | 11.12471 | 0 | 0 | 0 |
| 90 | 528500 | 401500 | 6 | 32 | 15.32247 | 0 | 0 | 0 |
| 90 | 529500 | 401500 | 6 | 32 | 15.10451 | 0 | 0 | 0 |
| 90 | 530500 | 401500 | 6 | 32 | 14.84272 | 0 | 0 | 0 |
| 90 | 531500 | 401500 | 6 | 32 | 14.08955 | 0 | 0 | 0 |
| 90 | 532500 | 401500 | 6 | 32 | 14.60847 | 0 | 0 | 0 |
| 90 | 533500 | 401500 | 6 | 32 | 14.49257 | 0 | 0 | 0 |
| 90 | 534500 | 401500 | 6 | 32 | 14.56968 | 0 | 0 | 0 |
| 90 | 535500 | 401500 | 6 | 32 | 14.80591 | 0 | 0 | 0 |
| 90 | 536500 | 401500 | 6 | 32 | 14.97748 | 0 | 0 | 0 |
| 90 | 537500 | 401500 | 6 | 32 | 14.76065 | 0 | 0 | 0 |
| 90 | 538500 | 401500 | 6 | 32 | 13.82069 | 0 | 0 | 0 |
| 90 | 539500 | 401500 | 6 | 32 | 11.95553 | 0 | 0 | 0 |

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|----|--------|--------|---|----|----------|---|---|---|
| 90 | 540500 | 401500 | 6 | 32 | 11.61534 | 0 | 0 | 0 |
| 90 | 541500 | 401500 | 6 | 32 | 11.42506 | 0 | 0 | 0 |
| 90 | 542500 | 401500 | 6 | 32 | 11.2024 | 0 | 0 | 0 |
| 90 | 543500 | 401500 | 6 | 32 | 10.99058 | 0 | 0 | 0 |
| 90 | 527500 | 400500 | 6 | 32 | 15.13221 | 0 | 0 | 0 |
| 90 | 528500 | 400500 | 6 | 32 | 14.99145 | 0 | 0 | 0 |
| 90 | 529500 | 400500 | 6 | 32 | 14.83506 | 0 | 0 | 0 |
| 90 | 530500 | 400500 | 6 | 32 | 13.96628 | 0 | 0 | 0 |
| 90 | 531500 | 400500 | 6 | 32 | 14.37204 | 0 | 0 | 0 |
| 90 | 532500 | 400500 | 6 | 32 | 14.83751 | 0 | 0 | 0 |
| 90 | 533500 | 400500 | 6 | 32 | 14.62745 | 0 | 0 | 0 |
| 90 | 534500 | 400500 | 6 | 32 | 15.1147 | 0 | 0 | 0 |
| 90 | 535500 | 400500 | 6 | 32 | 15.03512 | 0 | 0 | 0 |
| 90 | 536500 | 400500 | 6 | 32 | 14.98565 | 0 | 0 | 0 |
| 90 | 537500 | 400500 | 6 | 32 | 14.95097 | 0 | 0 | 0 |
| 90 | 538500 | 400500 | 6 | 32 | 14.82018 | 0 | 0 | 0 |
| 90 | 539500 | 400500 | 6 | 32 | 13.64109 | 0 | 0 | 0 |
| 90 | 540500 | 400500 | 6 | 32 | 12.91195 | 0 | 0 | 0 |
| 90 | 541500 | 400500 | 6 | 32 | 12.43062 | 0 | 0 | 0 |
| 90 | 542500 | 400500 | 6 | 32 | 11.76614 | 0 | 0 | 0 |
| 90 | 543500 | 400500 | 6 | 32 | 11.28409 | 0 | 0 | 0 |
| 90 | 527500 | 399500 | 6 | 32 | 15.17372 | 0 | 0 | 0 |
| 90 | 528500 | 399500 | 6 | 32 | 15.31521 | 0 | 0 | 0 |
| 90 | 529500 | 399500 | 6 | 32 | 15.18689 | 0 | 0 | 0 |
| 90 | 530500 | 399500 | 6 | 32 | 15.14543 | 0 | 0 | 0 |
| 90 | 531500 | 399500 | 6 | 32 | 14.4953 | 0 | 0 | 0 |
| 90 | 532500 | 399500 | 6 | 32 | 14.98838 | 0 | 0 | 0 |
| 90 | 533500 | 399500 | 6 | 32 | 14.62588 | 0 | 0 | 0 |
| 90 | 534500 | 399500 | 6 | 32 | 15.14039 | 0 | 0 | 0 |
| 90 | 535500 | 399500 | 6 | 32 | 14.50812 | 0 | 0 | 0 |
| 90 | 536500 | 399500 | 6 | 32 | 14.96326 | 0 | 0 | 0 |
| 90 | 537500 | 399500 | 6 | 32 | 14.75471 | 0 | 0 | 0 |
| 90 | 538500 | 399500 | 6 | 32 | 15.00636 | 0 | 0 | 0 |
| 90 | 539500 | 399500 | 6 | 32 | 14.97386 | 0 | 0 | 0 |
| 90 | 540500 | 399500 | 6 | 32 | 14.9291 | 0 | 0 | 0 |
| 90 | 541500 | 399500 | 6 | 32 | 14.91017 | 0 | 0 | 0 |
| 90 | 542500 | 399500 | 6 | 32 | 13.9426 | 0 | 0 | 0 |
| 90 | 543500 | 399500 | 6 | 32 | 12.14088 | 0 | 0 | 0 |
| 90 | 544500 | 399500 | 6 | 0 | 11.23302 | 0 | 0 | 0 |
| 90 | 526500 | 398500 | 6 | 32 | 15.19818 | 0 | 0 | 0 |
| 90 | 527500 | 398500 | 6 | 32 | 15.15788 | 0 | 0 | 0 |
| 90 | 528500 | 398500 | 6 | 32 | 15.33819 | 0 | 0 | 0 |
| 90 | 529500 | 398500 | 6 | 32 | 14.92813 | 0 | 0 | 0 |
| 90 | 530500 | 398500 | 6 | 32 | 15.14978 | 0 | 0 | 0 |
| 90 | 531500 | 398500 | 6 | 32 | 15.1437 | 0 | 0 | 0 |
| 90 | 532500 | 398500 | 6 | 32 | 14.84261 | 0 | 0 | 0 |
| 90 | 533500 | 398500 | 6 | 32 | 14.14852 | 0 | 0 | 0 |
| 90 | 534500 | 398500 | 6 | 32 | 15.14249 | 0 | 0 | 0 |
| 90 | 535500 | 398500 | 6 | 32 | 14.76387 | 0 | 0 | 0 |
| 90 | 536500 | 398500 | 6 | 32 | 15.14193 | 0 | 0 | 0 |

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|----|--------|--------|---|----|----------|---|---|---|
| 90 | 537500 | 398500 | 6 | 32 | 15.06433 | 0 | 0 | 0 |
| 90 | 538500 | 398500 | 6 | 32 | 15.06557 | 0 | 0 | 0 |
| 90 | 539500 | 398500 | 6 | 32 | 15.00566 | 0 | 0 | 0 |
| 90 | 540500 | 398500 | 6 | 32 | 15.01875 | 0 | 0 | 0 |
| 90 | 541500 | 398500 | 6 | 32 | 14.63896 | 0 | 0 | 0 |
| 90 | 542500 | 398500 | 6 | 32 | 14.91603 | 0 | 0 | 0 |
| 90 | 543500 | 398500 | 6 | 32 | 13.47146 | 0 | 0 | 0 |
| 90 | 544500 | 398500 | 6 | 32 | 11.4187 | 0 | 0 | 0 |
| 90 | 545500 | 398500 | 6 | 32 | 11.03963 | 0 | 0 | 0 |
| 90 | 527500 | 397500 | 6 | 32 | 15.20232 | 0 | 0 | 0 |
| 90 | 528500 | 397500 | 6 | 32 | 15.33473 | 0 | 0 | 0 |
| 90 | 529500 | 397500 | 6 | 32 | 15.24537 | 0 | 0 | 0 |
| 90 | 530500 | 397500 | 6 | 32 | 15.11768 | 0 | 0 | 0 |
| 90 | 531500 | 397500 | 6 | 32 | 15.15581 | 0 | 0 | 0 |
| 90 | 532500 | 397500 | 6 | 32 | 15.11701 | 0 | 0 | 0 |
| 90 | 533500 | 397500 | 6 | 32 | 14.83752 | 0 | 0 | 0 |
| 90 | 534500 | 397500 | 6 | 32 | 15.03004 | 0 | 0 | 0 |
| 90 | 535500 | 397500 | 6 | 32 | 14.87569 | 0 | 0 | 0 |
| 90 | 536500 | 397500 | 6 | 32 | 15.0506 | 0 | 0 | 0 |
| 90 | 537500 | 397500 | 6 | 32 | 14.74853 | 0 | 0 | 0 |
| 90 | 538500 | 397500 | 6 | 32 | 14.36529 | 0 | 0 | 0 |
| 90 | 539500 | 397500 | 6 | 32 | 14.78673 | 0 | 0 | 0 |
| 90 | 540500 | 397500 | 6 | 32 | 14.36843 | 0 | 0 | 0 |
| 90 | 541500 | 397500 | 6 | 32 | 14.55685 | 0 | 0 | 0 |
| 90 | 542500 | 397500 | 6 | 32 | 13.96285 | 0 | 0 | 0 |
| 90 | 543500 | 397500 | 6 | 32 | 14.18217 | 0 | 0 | 0 |
| 90 | 544500 | 397500 | 6 | 32 | 11.63833 | 0 | 0 | 0 |
| 90 | 545500 | 397500 | 6 | 32 | 11.17172 | 0 | 0 | 0 |
| 90 | 527500 | 396500 | 6 | 32 | 15.26439 | 0 | 0 | 0 |
| 90 | 528500 | 396500 | 6 | 32 | 15.1341 | 0 | 0 | 0 |
| 90 | 529500 | 396500 | 6 | 32 | 15.28535 | 0 | 0 | 0 |
| 90 | 530500 | 396500 | 6 | 32 | 15.00092 | 0 | 0 | 0 |
| 90 | 531500 | 396500 | 6 | 32 | 14.83589 | 0 | 0 | 0 |
| 90 | 532500 | 396500 | 6 | 32 | 14.27967 | 0 | 0 | 0 |
| 90 | 533500 | 396500 | 6 | 32 | 14.57302 | 0 | 0 | 0 |
| 90 | 534500 | 396500 | 6 | 32 | 14.09426 | 0 | 0 | 0 |
| 90 | 535500 | 396500 | 6 | 32 | 14.96875 | 0 | 0 | 0 |
| 90 | 536500 | 396500 | 6 | 32 | 14.88975 | 0 | 0 | 0 |
| 90 | 537500 | 396500 | 6 | 32 | 14.45253 | 0 | 0 | 0 |
| 90 | 538500 | 396500 | 6 | 32 | 15.0126 | 0 | 0 | 0 |
| 90 | 539500 | 396500 | 6 | 32 | 15.00048 | 0 | 0 | 0 |
| 90 | 540500 | 396500 | 6 | 32 | 14.30598 | 0 | 0 | 0 |
| 90 | 541500 | 396500 | 6 | 32 | 13.84611 | 0 | 0 | 0 |
| 90 | 542500 | 396500 | 6 | 32 | 13.50247 | 0 | 0 | 0 |
| 90 | 543500 | 396500 | 6 | 32 | 14.06957 | 0 | 0 | 0 |
| 90 | 544500 | 396500 | 6 | 32 | 12.31024 | 0 | 0 | 0 |
| 90 | 545500 | 396500 | 6 | 32 | 11.32215 | 0 | 0 | 0 |
| 90 | 546500 | 396500 | 6 | 0 | 11.06523 | 0 | 0 | 0 |
| 90 | 526500 | 395500 | 6 | 32 | 15.0937 | 0 | 0 | 0 |
| 90 | 527500 | 395500 | 6 | 32 | 15.11329 | 0 | 0 | 0 |

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|----|--------|--------|---|----|----------|---|----------|---|
| 90 | 528500 | 395500 | 6 | 32 | 15.21141 | 0 | 0 | 0 |
| 90 | 529500 | 395500 | 6 | 32 | 15.09153 | 0 | 0 | 0 |
| 90 | 530500 | 395500 | 6 | 32 | 14.93321 | 0 | 0 | 0 |
| 90 | 531500 | 395500 | 6 | 32 | 15.10662 | 0 | 0 | 0 |
| 90 | 532500 | 395500 | 6 | 32 | 15.08664 | 0 | 0 | 0 |
| 90 | 533500 | 395500 | 6 | 32 | 14.20146 | 0 | 0 | 0 |
| 90 | 534500 | 395500 | 6 | 32 | 13.8024 | 0 | 0 | 0 |
| 90 | 535500 | 395500 | 6 | 32 | 14.6812 | 0 | 0 | 0 |
| 90 | 536500 | 395500 | 6 | 32 | 14.70176 | 0 | 0 | 0 |
| 90 | 537500 | 395500 | 6 | 32 | 14.68556 | 0 | 0 | 0 |
| 90 | 538500 | 395500 | 6 | 32 | 14.69593 | 0 | 0 | 0 |
| 90 | 539500 | 395500 | 6 | 32 | 14.03914 | 0 | 0 | 0 |
| 90 | 540500 | 395500 | 6 | 32 | 14.12823 | 0 | 0 | 0 |
| 90 | 541500 | 395500 | 6 | 32 | 13.80759 | 0 | 0 | 0 |
| 90 | 542500 | 395500 | 6 | 32 | 13.9175 | 0 | 0 | 0 |
| 90 | 543500 | 395500 | 6 | 32 | 13.91038 | 0 | 0 | 0 |
| 90 | 544500 | 395500 | 6 | 32 | 12.92441 | 0 | 0 | 0 |
| 90 | 545500 | 395500 | 6 | 32 | 11.62624 | 0 | 0 | 0 |
| 90 | 546500 | 395500 | 6 | 32 | 11.28568 | 0 | 0 | 0 |
| 90 | 520500 | 394500 | 6 | 32 | 15.20306 | 0 | 0.000008 | 0 |
| 90 | 521500 | 394500 | 6 | 32 | 15.20921 | 0 | 0 | 0 |
| 90 | 522500 | 394500 | 6 | 32 | 15.14713 | 0 | 0 | 0 |
| 90 | 523500 | 394500 | 6 | 32 | 15.13928 | 0 | 0 | 0 |
| 90 | 524500 | 394500 | 6 | 32 | 15.12215 | 0 | 0 | 0 |
| 90 | 525500 | 394500 | 6 | 32 | 15.10727 | 0 | 0 | 0 |
| 90 | 526500 | 394500 | 6 | 32 | 15.09728 | 0 | 0 | 0 |
| 90 | 527500 | 394500 | 6 | 32 | 15.12655 | 0 | 0 | 0 |
| 90 | 528500 | 394500 | 6 | 32 | 15.28448 | 0 | 0 | 0 |
| 90 | 529500 | 394500 | 6 | 32 | 15.10688 | 0 | 0 | 0 |
| 90 | 530500 | 394500 | 6 | 32 | 15.41032 | 0 | 0 | 0 |
| 90 | 531500 | 394500 | 6 | 32 | 15.13029 | 0 | 0 | 0 |
| 90 | 532500 | 394500 | 6 | 32 | 14.66868 | 0 | 0 | 0 |
| 90 | 533500 | 394500 | 6 | 32 | 14.27878 | 0 | 0 | 0 |
| 90 | 534500 | 394500 | 6 | 32 | 15.06285 | 0 | 0 | 0 |
| 90 | 535500 | 394500 | 6 | 32 | 15.02554 | 0 | 0 | 0 |
| 90 | 536500 | 394500 | 6 | 32 | 14.2248 | 0 | 0 | 0 |
| 90 | 537500 | 394500 | 6 | 32 | 15.03774 | 0 | 0 | 0 |
| 90 | 538500 | 394500 | 6 | 32 | 14.98447 | 0 | 0 | 0 |
| 90 | 539500 | 394500 | 6 | 32 | 15.00006 | 0 | 0 | 0 |
| 90 | 540500 | 394500 | 6 | 32 | 14.85312 | 0 | 0 | 0 |
| 90 | 541500 | 394500 | 6 | 32 | 13.82553 | 0 | 0 | 0 |
| 90 | 542500 | 394500 | 6 | 32 | 14.18937 | 0 | 0 | 0 |
| 90 | 543500 | 394500 | 6 | 32 | 14.51723 | 0 | 0 | 0 |
| 90 | 544500 | 394500 | 6 | 32 | 13.7548 | 0 | 0 | 0 |
| 90 | 545500 | 394500 | 6 | 32 | 13.46465 | 0 | 0 | 0 |
| 90 | 546500 | 394500 | 6 | 32 | 11.56864 | 0 | 0 | 0 |
| 90 | 547500 | 394500 | 6 | 32 | 11.13222 | 0 | 0 | 0 |
| 90 | 519500 | 393500 | 6 | 32 | 15.24988 | 0 | 0 | 0 |
| 90 | 520500 | 393500 | 6 | 32 | 15.15723 | 0 | 0 | 0 |
| 90 | 521500 | 393500 | 6 | 32 | 15.20211 | 0 | 0 | 0 |

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|----|--------|--------|---|----|----------|---|---|---|
| 90 | 522500 | 393500 | 6 | 32 | 14.97766 | 0 | 0 | 0 |
| 90 | 523500 | 393500 | 6 | 32 | 15.113 | 0 | 0 | 0 |
| 90 | 524500 | 393500 | 6 | 32 | 15.11641 | 0 | 0 | 0 |
| 90 | 525500 | 393500 | 6 | 32 | 15.0791 | 0 | 0 | 0 |
| 90 | 526500 | 393500 | 6 | 32 | 15.07594 | 0 | 0 | 0 |
| 90 | 527500 | 393500 | 6 | 32 | 15.11728 | 0 | 0 | 0 |
| 90 | 528500 | 393500 | 6 | 32 | 15.578 | 0 | 0 | 0 |
| 90 | 529500 | 393500 | 6 | 32 | 15.19124 | 0 | 0 | 0 |
| 90 | 530500 | 393500 | 6 | 32 | 15.37939 | 0 | 0 | 0 |
| 90 | 531500 | 393500 | 6 | 32 | 15.17473 | 0 | 0 | 0 |
| 90 | 532500 | 393500 | 6 | 32 | 15.11023 | 0 | 0 | 0 |
| 90 | 533500 | 393500 | 6 | 32 | 14.57598 | 0 | 0 | 0 |
| 90 | 534500 | 393500 | 6 | 32 | 15.10904 | 0 | 0 | 0 |
| 90 | 535500 | 393500 | 6 | 32 | 14.79725 | 0 | 0 | 0 |
| 90 | 536500 | 393500 | 6 | 32 | 14.60597 | 0 | 0 | 0 |
| 90 | 537500 | 393500 | 6 | 32 | 15.02588 | 0 | 0 | 0 |
| 90 | 538500 | 393500 | 6 | 32 | 15.00873 | 0 | 0 | 0 |
| 90 | 539500 | 393500 | 6 | 32 | 14.99742 | 0 | 0 | 0 |
| 90 | 540500 | 393500 | 6 | 32 | 14.95729 | 0 | 0 | 0 |
| 90 | 541500 | 393500 | 6 | 32 | 14.37353 | 0 | 0 | 0 |
| 90 | 542500 | 393500 | 6 | 32 | 14.78024 | 0 | 0 | 0 |
| 90 | 543500 | 393500 | 6 | 32 | 14.28365 | 0 | 0 | 0 |
| 90 | 544500 | 393500 | 6 | 32 | 14.53965 | 0 | 0 | 0 |
| 90 | 545500 | 393500 | 6 | 32 | 13.98161 | 0 | 0 | 0 |
| 90 | 546500 | 393500 | 6 | 32 | 11.91897 | 0 | 0 | 0 |
| 90 | 547500 | 393500 | 6 | 32 | 11.26113 | 0 | 0 | 0 |
| 90 | 519500 | 392500 | 6 | 32 | 15.23283 | 0 | 0 | 0 |
| 90 | 520500 | 392500 | 6 | 32 | 15.11968 | 0 | 0 | 0 |
| 90 | 521500 | 392500 | 6 | 32 | 15.11047 | 0 | 0 | 0 |
| 90 | 522500 | 392500 | 6 | 32 | 15.09753 | 0 | 0 | 0 |
| 90 | 523500 | 392500 | 6 | 32 | 15.09129 | 0 | 0 | 0 |
| 90 | 524500 | 392500 | 6 | 32 | 14.79122 | 0 | 0 | 0 |
| 90 | 525500 | 392500 | 6 | 32 | 15.05849 | 0 | 0 | 0 |
| 90 | 526500 | 392500 | 6 | 32 | 15.06101 | 0 | 0 | 0 |
| 90 | 527500 | 392500 | 6 | 32 | 15.08152 | 0 | 0 | 0 |
| 90 | 528500 | 392500 | 6 | 32 | 15.10243 | 0 | 0 | 0 |
| 90 | 529500 | 392500 | 6 | 32 | 14.60408 | 0 | 0 | 0 |
| 90 | 530500 | 392500 | 6 | 32 | 15.0759 | 0 | 0 | 0 |
| 90 | 531500 | 392500 | 6 | 32 | 15.36186 | 0 | 0 | 0 |
| 90 | 532500 | 392500 | 6 | 32 | 15.12666 | 0 | 0 | 0 |
| 90 | 533500 | 392500 | 6 | 32 | 15.06921 | 0 | 0 | 0 |
| 90 | 534500 | 392500 | 6 | 32 | 15.11853 | 0 | 0 | 0 |
| 90 | 535500 | 392500 | 6 | 32 | 14.65592 | 0 | 0 | 0 |
| 90 | 536500 | 392500 | 6 | 32 | 14.72156 | 0 | 0 | 0 |
| 90 | 537500 | 392500 | 6 | 32 | 14.45257 | 0 | 0 | 0 |
| 90 | 538500 | 392500 | 6 | 32 | 15.00333 | 0 | 0 | 0 |
| 90 | 539500 | 392500 | 6 | 32 | 14.60429 | 0 | 0 | 0 |
| 90 | 540500 | 392500 | 6 | 32 | 14.12047 | 0 | 0 | 0 |
| 90 | 541500 | 392500 | 6 | 32 | 14.23846 | 0 | 0 | 0 |
| 90 | 542500 | 392500 | 6 | 32 | 14.29091 | 0 | 0 | 0 |

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|----|--------|--------|---|----|----------|---|---|---|
| 90 | 543500 | 392500 | 6 | 32 | 14.18843 | 0 | 0 | 0 |
| 90 | 544500 | 392500 | 6 | 32 | 13.35841 | 0 | 0 | 0 |
| 90 | 545500 | 392500 | 6 | 32 | 14.15141 | 0 | 0 | 0 |
| 90 | 546500 | 392500 | 6 | 32 | 12.74616 | 0 | 0 | 0 |
| 90 | 547500 | 392500 | 6 | 32 | 11.46314 | 0 | 0 | 0 |
| 90 | 548500 | 392500 | 6 | 32 | 11.12448 | 0 | 0 | 0 |
| 90 | 519500 | 391500 | 6 | 32 | 15.23629 | 0 | 0 | 0 |
| 90 | 520500 | 391500 | 6 | 32 | 15.11984 | 0 | 0 | 0 |
| 90 | 521500 | 391500 | 6 | 32 | 15.09747 | 0 | 0 | 0 |
| 90 | 522500 | 391500 | 6 | 32 | 15.08535 | 0 | 0 | 0 |
| 90 | 523500 | 391500 | 6 | 32 | 15.07822 | 0 | 0 | 0 |
| 90 | 524500 | 391500 | 6 | 32 | 15.0782 | 0 | 0 | 0 |
| 90 | 525500 | 391500 | 6 | 32 | 14.32886 | 0 | 0 | 0 |
| 90 | 526500 | 391500 | 6 | 32 | 15.04461 | 0 | 0 | 0 |
| 90 | 527500 | 391500 | 6 | 32 | 14.96621 | 0 | 0 | 0 |
| 90 | 528500 | 391500 | 6 | 32 | 14.84042 | 0 | 0 | 0 |
| 90 | 529500 | 391500 | 6 | 32 | 15.05695 | 0 | 0 | 0 |
| 90 | 530500 | 391500 | 6 | 32 | 14.61416 | 0 | 0 | 0 |
| 90 | 531500 | 391500 | 6 | 32 | 14.71169 | 0 | 0 | 0 |
| 90 | 532500 | 391500 | 6 | 32 | 14.79018 | 0 | 0 | 0 |
| 90 | 533500 | 391500 | 6 | 32 | 14.8937 | 0 | 0 | 0 |
| 90 | 534500 | 391500 | 6 | 32 | 15.0659 | 0 | 0 | 0 |
| 90 | 535500 | 391500 | 6 | 32 | 14.88139 | 0 | 0 | 0 |
| 90 | 536500 | 391500 | 6 | 32 | 14.81619 | 0 | 0 | 0 |
| 90 | 537500 | 391500 | 6 | 32 | 14.45526 | 0 | 0 | 0 |
| 90 | 538500 | 391500 | 6 | 32 | 14.92285 | 0 | 0 | 0 |
| 90 | 539500 | 391500 | 6 | 32 | 14.5304 | 0 | 0 | 0 |
| 90 | 540500 | 391500 | 6 | 32 | 14.00241 | 0 | 0 | 0 |
| 90 | 541500 | 391500 | 6 | 32 | 14.78823 | 0 | 0 | 0 |
| 90 | 542500 | 391500 | 6 | 32 | 14.47794 | 0 | 0 | 0 |
| 90 | 543500 | 391500 | 6 | 32 | 13.99949 | 0 | 0 | 0 |
| 90 | 544500 | 391500 | 6 | 32 | 13.87369 | 0 | 0 | 0 |
| 90 | 545500 | 391500 | 6 | 32 | 14.75431 | 0 | 0 | 0 |
| 90 | 546500 | 391500 | 6 | 32 | 13.69426 | 0 | 0 | 0 |
| 90 | 547500 | 391500 | 6 | 32 | 12.12445 | 0 | 0 | 0 |
| 90 | 548500 | 391500 | 6 | 32 | 11.27893 | 0 | 0 | 0 |
| 90 | 518500 | 390500 | 6 | 32 | 15.2907 | 0 | 0 | 0 |
| 90 | 519500 | 390500 | 6 | 32 | 15.29316 | 0 | 0 | 0 |
| 90 | 520500 | 390500 | 6 | 32 | 15.1327 | 0 | 0 | 0 |
| 90 | 521500 | 390500 | 6 | 32 | 15.095 | 0 | 0 | 0 |
| 90 | 522500 | 390500 | 6 | 32 | 15.0815 | 0 | 0 | 0 |
| 90 | 523500 | 390500 | 6 | 32 | 15.07146 | 0 | 0 | 0 |
| 90 | 524500 | 390500 | 6 | 32 | 15.07225 | 0 | 0 | 0 |
| 90 | 525500 | 390500 | 6 | 32 | 14.70394 | 0 | 0 | 0 |
| 90 | 526500 | 390500 | 6 | 32 | 15.03331 | 0 | 0 | 0 |
| 90 | 527500 | 390500 | 6 | 32 | 14.66616 | 0 | 0 | 0 |
| 90 | 528500 | 390500 | 6 | 32 | 15.03554 | 0 | 0 | 0 |
| 90 | 529500 | 390500 | 6 | 32 | 15.04705 | 0 | 0 | 0 |
| 90 | 530500 | 390500 | 6 | 32 | 13.76303 | 0 | 0 | 0 |
| 90 | 531500 | 390500 | 6 | 32 | 14.91175 | 0 | 0 | 0 |

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|----|--------|--------|---|----|----------|---|---|---|
| 90 | 532500 | 390500 | 6 | 32 | 14.83896 | 0 | 0 | 0 |
| 90 | 533500 | 390500 | 6 | 32 | 14.55264 | 0 | 0 | 0 |
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|----|--------|--------|---|----|----------|---|---|---|
| 90 | 525500 | 381500 | 6 | 32 | 14.39056 | 0 | 0 | 0 |
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| 90 | 535500 | 380500 | 6 | 32 | 14.91271 | 0 | 0 | 0 |
| 90 | 536500 | 380500 | 6 | 32 | 13.49853 | 0 | 0 | 0 |
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| 90 | 543500 | 379500 | 6 | 32 | 15.00747 | 0 | 0 | 0 |

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| 90 | 545500 | 379500 | 6 | 32 | 15.11971 | 0 | 0 | 0 |
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| 90 | 549500 | 379500 | 6 | 32 | 15.06174 | 0 | 0 | 0 |
| 90 | 550500 | 379500 | 6 | 32 | 14.531 | 0 | 0 | 0 |
| 90 | 551500 | 379500 | 6 | 32 | 14.61422 | 0 | 0 | 0 |
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| 90 | 553500 | 379500 | 6 | 32 | 12.98503 | 0 | 0 | 0 |
| 90 | 554500 | 379500 | 6 | 32 | 11.39807 | 0 | 0 | 0 |
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| 90 | 513500 | 378500 | 6 | 32 | 15.69882 | 0 | 0 | 0 |
| 90 | 514500 | 378500 | 6 | 32 | 15.4456 | 0 | 0 | 0 |
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| 90 | 520500 | 378500 | 6 | 32 | 15.1198 | 0 | 0 | 0 |
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| 90 | 538500 | 378500 | 6 | 32 | 14.88182 | 0 | 0 | 0 |
| 90 | 539500 | 378500 | 6 | 32 | 14.72863 | 0 | 0 | 0 |
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| 90 | 551500 | 378500 | 6 | 32 | 14.07966 | 0 | 0 | 0 |
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| 90 | 521500 | 377500 | 6 | 32 | 15.1032 | 0 | 0 | 0 |
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| 90 | 515500 | 376500 | 6 | 32 | 15.36996 | 0 | 0 | 0 |
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| 90 | 514500 | 375500 | 6 | 32 | 15.29507 | 0 | 0 | 0 |
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| 90 | 523500 | 375500 | 6 | 32 | 15.13442 | 0 | 0 | 0 |
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| 90 | 529500 | 374500 | 6 | 32 | 15.14557 | 0 | 0 | 0 |
| 90 | 530500 | 374500 | 6 | 32 | 14.812 | 0 | 0 | 0 |

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|----|--------|--------|---|----|----------|---|---|---|
| 90 | 531500 | 374500 | 6 | 32 | 15.17557 | 0 | 0 | 0 |
| 90 | 532500 | 374500 | 6 | 32 | 15.21087 | 0 | 0 | 0 |
| 90 | 533500 | 374500 | 6 | 32 | 15.19688 | 0 | 0 | 0 |
| 90 | 534500 | 374500 | 6 | 32 | 15.1315 | 0 | 0 | 0 |
| 90 | 535500 | 374500 | 6 | 32 | 14.94804 | 0 | 0 | 0 |
| 90 | 536500 | 374500 | 6 | 32 | 15.0278 | 0 | 0 | 0 |
| 90 | 537500 | 374500 | 6 | 32 | 14.36099 | 0 | 0 | 0 |
| 90 | 538500 | 374500 | 6 | 32 | 14.40219 | 0 | 0 | 0 |
| 90 | 539500 | 374500 | 6 | 32 | 14.60006 | 0 | 0 | 0 |
| 90 | 540500 | 374500 | 6 | 32 | 15.08 | 0 | 0 | 0 |
| 90 | 541500 | 374500 | 6 | 32 | 14.6067 | 0 | 0 | 0 |
| 90 | 542500 | 374500 | 6 | 32 | 14.35831 | 0 | 0 | 0 |
| 90 | 543500 | 374500 | 6 | 32 | 15.22247 | 0 | 0 | 0 |
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| 90 | 547500 | 374500 | 6 | 32 | 14.68381 | 0 | 0 | 0 |
| 90 | 548500 | 374500 | 6 | 32 | 14.49143 | 0 | 0 | 0 |
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| 90 | 551500 | 374500 | 6 | 32 | 15.01724 | 0 | 0 | 0 |
| 90 | 552500 | 374500 | 6 | 32 | 15.04397 | 0 | 0 | 0 |
| 90 | 553500 | 374500 | 6 | 32 | 13.45669 | 0 | 0 | 0 |
| 90 | 554500 | 374500 | 6 | 32 | 13.29589 | 0 | 0 | 0 |
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| 90 | 518500 | 373500 | 6 | 32 | 15.29106 | 0 | 0 | 0 |
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| 90 | 537500 | 373500 | 6 | 32 | 15.15637 | 0 | 0 | 0 |
| 90 | 538500 | 373500 | 6 | 32 | 15.13091 | 0 | 0 | 0 |

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| 90 | 539500 | 373500 | 6 | 32 | 15.12822 | 0 | 0 | 0 |
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| 90 | 543500 | 373500 | 6 | 32 | 13.90409 | 0 | 0 | 0 |
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| 90 | 516500 | 372500 | 6 | 32 | 15.25223 | 0 | 0 | 0 |
| 90 | 517500 | 372500 | 6 | 32 | 15.24501 | 0 | 0 | 0 |
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| 90 | 522500 | 372500 | 6 | 32 | 15.1695 | 0 | 0 | 0 |
| 90 | 523500 | 372500 | 6 | 32 | 15.35024 | 0 | 0 | 0 |
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| 90 | 536500 | 372500 | 6 | 32 | 13.95582 | 0 | 0 | 0 |
| 90 | 537500 | 372500 | 6 | 32 | 14.88245 | 0 | 0 | 0 |
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| 90 | 547500 | 372500 | 6 | 32 | 15.1528 | 0 | 0 | 0 |
| 90 | 548500 | 372500 | 6 | 32 | 15.15677 | 0 | 0 | 0 |
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| 90 | 550500 | 372500 | 6 | 32 | 14.42037 | 0 | 0 | 0 |
| 90 | 551500 | 372500 | 6 | 32 | 14.55396 | 0 | 0 | 0 |
| 90 | 552500 | 372500 | 6 | 32 | 14.15598 | 0 | 0 | 0 |
| 90 | 553500 | 372500 | 6 | 32 | 14.13678 | 0 | 0 | 0 |
| 90 | 554500 | 372500 | 6 | 32 | 13.89238 | 0 | 0 | 0 |
| 90 | 555500 | 372500 | 6 | 32 | 13.33216 | 0 | 0 | 0 |
| 90 | 556500 | 372500 | 6 | 32 | 11.60226 | 0 | 0 | 0 |
| 90 | 515500 | 371500 | 6 | 32 | 15.1284 | 0 | 0 | 0 |
| 90 | 516500 | 371500 | 6 | 32 | 15.24948 | 0 | 0 | 0 |
| 90 | 517500 | 371500 | 6 | 32 | 15.24835 | 0 | 0 | 0 |
| 90 | 518500 | 371500 | 6 | 32 | 15.25122 | 0 | 0 | 0 |
| 90 | 519500 | 371500 | 6 | 32 | 15.26039 | 0 | 0 | 0 |
| 90 | 520500 | 371500 | 6 | 32 | 15.18602 | 0 | 0 | 0 |
| 90 | 521500 | 371500 | 6 | 32 | 15.16851 | 0 | 0 | 0 |
| 90 | 522500 | 371500 | 6 | 32 | 15.18884 | 0 | 0 | 0 |
| 90 | 523500 | 371500 | 6 | 32 | 15.30294 | 0 | 0 | 0 |
| 90 | 524500 | 371500 | 6 | 32 | 15.33838 | 0 | 0 | 0 |
| 90 | 525500 | 371500 | 6 | 32 | 14.89844 | 0 | 0 | 0 |
| 90 | 526500 | 371500 | 6 | 32 | 15.30499 | 0 | 0 | 0 |
| 90 | 527500 | 371500 | 6 | 32 | 15.2582 | 0 | 0 | 0 |
| 90 | 528500 | 371500 | 6 | 32 | 15.2272 | 0 | 0 | 0 |
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| 90 | 535500 | 371500 | 6 | 32 | 15.14325 | 0 | 0 | 0 |
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| 90 | 543500 | 371500 | 6 | 32 | 15.14121 | 0 | 0 | 0 |
| 90 | 544500 | 371500 | 6 | 32 | 15.10664 | 0 | 0 | 0 |
| 90 | 545500 | 371500 | 6 | 32 | 15.13187 | 0 | 0 | 0 |
| 90 | 546500 | 371500 | 6 | 32 | 15.17064 | 0 | 0 | 0 |
| 90 | 547500 | 371500 | 6 | 32 | 14.38741 | 0 | 0 | 0 |
| 90 | 548500 | 371500 | 6 | 32 | 14.56733 | 0 | 0 | 0 |
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| 90 | 552500 | 371500 | 6 | 32 | 14.086 | 0 | 0 | 0 |
| 90 | 553500 | 371500 | 6 | 32 | 14.44303 | 0 | 0 | 0 |
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| 90 | 555500 | 371500 | 6 | 32 | 14.23235 | 0 | 0 | 0 |
| 90 | 556500 | 371500 | 6 | 32 | 12.69195 | 0 | 0 | 0 |
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| 90 | 515500 | 370500 | 6 | 32 | 15.27583 | 0 | 0 | 0 |
| 90 | 516500 | 370500 | 6 | 32 | 15.26525 | 0 | 0 | 0 |
| 90 | 517500 | 370500 | 6 | 32 | 15.25658 | 0 | 0 | 0 |
| 90 | 518500 | 370500 | 6 | 32 | 15.26461 | 0 | 0 | 0 |
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| 90 | 520500 | 370500 | 6 | 32 | 15.21816 | 0 | 0 | 0 |
| 90 | 521500 | 370500 | 6 | 32 | 15.20983 | 0 | 0 | 0 |
| 90 | 522500 | 370500 | 6 | 32 | 15.251 | 0 | 0 | 0 |
| 90 | 523500 | 370500 | 6 | 32 | 15.27439 | 0 | 0 | 0 |
| 90 | 524500 | 370500 | 6 | 32 | 15.32488 | 0 | 0 | 0 |
| 90 | 525500 | 370500 | 6 | 32 | 14.75712 | 0 | 0 | 0 |
| 90 | 526500 | 370500 | 6 | 32 | 15.07144 | 0 | 0 | 0 |
| 90 | 527500 | 370500 | 6 | 32 | 15.37694 | 0 | 0 | 0 |
| 90 | 528500 | 370500 | 6 | 32 | 15.28986 | 0 | 0 | 0 |
| 90 | 529500 | 370500 | 6 | 32 | 15.25921 | 0 | 0 | 0 |
| 90 | 530500 | 370500 | 6 | 32 | 15.20813 | 0 | 0 | 0 |
| 90 | 531500 | 370500 | 6 | 32 | 15.175 | 0 | 0 | 0 |
| 90 | 532500 | 370500 | 6 | 32 | 15.15779 | 0 | 0 | 0 |
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| 90 | 535500 | 370500 | 6 | 32 | 14.50546 | 0 | 0 | 0 |
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| 90 | 540500 | 370500 | 6 | 32 | 14.96062 | 0 | 0 | 0 |
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| 90 | 542500 | 370500 | 6 | 32 | 15.1036 | 0 | 0 | 0 |
| 90 | 543500 | 370500 | 6 | 32 | 15.15488 | 0 | 0 | 0 |
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| 90 | 514500 | 369500 | 6 | 32 | 15.26982 | 0 | 0 | 0 |
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| 90 | 516500 | 369500 | 6 | 32 | 14.89832 | 0 | 0 | 0 |
| 90 | 517500 | 369500 | 6 | 32 | 15.25312 | 0 | 0 | 0 |

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|----|--------|--------|---|----|----------|---|---|---|
| 90 | 518500 | 369500 | 6 | 32 | 15.26559 | 0 | 0 | 0 |
| 90 | 519500 | 369500 | 6 | 32 | 15.296 | 0 | 0 | 0 |
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| 90 | 522500 | 369500 | 6 | 32 | 15.43584 | 0 | 0 | 0 |
| 90 | 523500 | 369500 | 6 | 32 | 15.31808 | 0 | 0 | 0 |
| 90 | 524500 | 369500 | 6 | 32 | 15.31936 | 0 | 0 | 0 |
| 90 | 525500 | 369500 | 6 | 32 | 14.09104 | 0 | 0 | 0 |
| 90 | 526500 | 369500 | 6 | 32 | 14.52389 | 0 | 0 | 0 |
| 90 | 527500 | 369500 | 6 | 32 | 15.58136 | 0 | 0 | 0 |
| 90 | 528500 | 369500 | 6 | 32 | 15.402 | 0 | 0 | 0 |
| 90 | 529500 | 369500 | 6 | 32 | 15.29753 | 0 | 0 | 0 |
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| 90 | 532500 | 369500 | 6 | 32 | 15.06094 | 0 | 0 | 0 |
| 90 | 533500 | 369500 | 6 | 32 | 15.27795 | 0 | 0 | 0 |
| 90 | 534500 | 369500 | 6 | 32 | 15.3707 | 0 | 0 | 0 |
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| 90 | 537500 | 369500 | 6 | 32 | 14.64926 | 0 | 0 | 0 |
| 90 | 538500 | 369500 | 6 | 32 | 15.26589 | 0 | 0 | 0 |
| 90 | 539500 | 369500 | 6 | 32 | 15.07543 | 0 | 0 | 0 |
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| 90 | 544500 | 369500 | 6 | 32 | 15.13063 | 0 | 0 | 0 |
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| 90 | 546500 | 369500 | 6 | 32 | 14.80406 | 0 | 0 | 0 |
| 90 | 547500 | 369500 | 6 | 32 | 14.42884 | 0 | 0 | 0 |
| 90 | 548500 | 369500 | 6 | 32 | 14.44601 | 0 | 0 | 0 |
| 90 | 549500 | 369500 | 6 | 32 | 14.17905 | 0 | 0 | 0 |
| 90 | 550500 | 369500 | 6 | 32 | 14.64047 | 0 | 0 | 0 |
| 90 | 551500 | 369500 | 6 | 32 | 14.2516 | 0 | 0 | 0 |
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| 90 | 554500 | 369500 | 6 | 32 | 15.22393 | 0 | 0 | 0 |
| 90 | 555500 | 369500 | 6 | 32 | 14.09633 | 0 | 0 | 0 |
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| 90 | 557500 | 369500 | 6 | 32 | 11.96334 | 0 | 0 | 0 |
| 90 | 514500 | 368500 | 6 | 32 | 15.25986 | 0 | 0 | 0 |
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| 90 | 516500 | 368500 | 6 | 32 | 15.27777 | 0 | 0 | 0 |
| 90 | 517500 | 368500 | 6 | 32 | 15.29395 | 0 | 0 | 0 |
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| 90 | 519500 | 368500 | 6 | 32 | 15.3378 | 0 | 0 | 0 |
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| 90 | 524500 | 368500 | 6 | 32 | 15.28144 | 0 | 0 | 0 |
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| 90 | 530500 | 368500 | 6 | 32 | 15.10428 | 0 | 0 | 0 |
| 90 | 531500 | 368500 | 6 | 32 | 15.19319 | 0 | 0 | 0 |
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| 90 | 538500 | 368500 | 6 | 32 | 15.27271 | 0 | 0 | 0 |
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| 90 | 540500 | 368500 | 6 | 32 | 15.05458 | 0 | 0 | 0 |
| 90 | 541500 | 368500 | 6 | 32 | 14.75889 | 0 | 0 | 0 |
| 90 | 542500 | 368500 | 6 | 32 | 14.56767 | 0 | 0 | 0 |
| 90 | 543500 | 368500 | 6 | 32 | 14.75899 | 0 | 0 | 0 |
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| 90 | 530500 | 367500 | 6 | 32 | 15.19204 | 0 | 0 | 0 |
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| 90 | 516500 | 364500 | 6 | 32 | 15.30806 | 0 | 0 | 0 |
| 90 | 517500 | 364500 | 6 | 32 | 15.30793 | 0 | 0 | 0 |
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| 90 | 551500 | 364500 | 6 | 32 | 14.58392 | 0 | 0 | 0 |
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| 90 | 522500 | 363500 | 6 | 32 | 14.19602 | 0 | 0 | 0 |
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| 90 | 519500 | 362500 | 6 | 32 | 15.70675 | 0 | 0 | 0 |
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| 90 | 546500 | 361500 | 6 | 32 | 13.8926 | 0 | 0 | 0 |
| 90 | 547500 | 361500 | 6 | 32 | 13.71326 | 0 | 0 | 0 |
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| 90 | 549500 | 359500 | 6 | 32 | 14.77966 | 0 | 0 | 0 |

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| 90 | 523500 | 357500 | 6 | 32 | 15.56649 | 0 | 0 | 0 |
| 90 | 524500 | 357500 | 6 | 32 | 15.43624 | 0 | 0 | 0 |
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| 90 | 526500 | 357500 | 6 | 32 | 15.35499 | 0 | 0 | 0 |
| 90 | 527500 | 357500 | 6 | 32 | 15.36611 | 0 | 0 | 0 |
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| 90 | 529500 | 357500 | 6 | 32 | 15.33893 | 0 | 0 | 0 |
| 90 | 530500 | 357500 | 6 | 32 | 14.90283 | 0 | 0 | 0 |
| 90 | 531500 | 357500 | 6 | 32 | 15.36939 | 0 | 0 | 0 |
| 90 | 532500 | 357500 | 6 | 32 | 15.36254 | 0 | 0 | 0 |
| 90 | 533500 | 357500 | 6 | 32 | 15.41403 | 0 | 0 | 0 |
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| 90 | 536500 | 356500 | 6 | 32 | 15.42263 | 0 | 0 | 0 |
| 90 | 537500 | 356500 | 6 | 32 | 15.40829 | 0 | 0 | 0 |
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| 90 | 539500 | 356500 | 6 | 32 | 15.41652 | 0 | 0 | 0 |
| 90 | 540500 | 356500 | 6 | 32 | 15.45366 | 0 | 0 | 0 |
| 90 | 541500 | 356500 | 6 | 32 | 15.37792 | 0 | 0 | 0 |
| 90 | 542500 | 356500 | 6 | 32 | 15.14289 | 0 | 0 | 0 |
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| 90 | 524500 | 352500 | 6 | 32 | 15.53036 | 0 | 0 | 0 |
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| 90 | 548500 | 351500 | 6 | 32 | 13.09601 | 0 | 0 | 0 |
| 90 | 549500 | 351500 | 6 | 32 | 11.39137 | 0 | 0 | 0 |
| 90 | 524500 | 350500 | 6 | 32 | 15.54102 | 0 | 0 | 0 |
| 90 | 525500 | 350500 | 6 | 32 | 15.69727 | 0 | 0 | 0 |
| 90 | 526500 | 350500 | 6 | 32 | 15.52433 | 0 | 0 | 0 |
| 90 | 527500 | 350500 | 6 | 32 | 15.4775 | 0 | 0 | 0 |
| 90 | 528500 | 350500 | 6 | 32 | 15.41702 | 0 | 0 | 0 |
| 90 | 529500 | 350500 | 6 | 32 | 15.40048 | 0 | 0 | 0 |
| 90 | 530500 | 350500 | 6 | 32 | 15.45037 | 0 | 0 | 0 |
| 90 | 531500 | 350500 | 6 | 32 | 15.0765 | 0 | 0 | 0 |
| 90 | 532500 | 350500 | 6 | 32 | 15.47442 | 0 | 0 | 0 |
| 90 | 533500 | 350500 | 6 | 32 | 15.48239 | 0 | 0 | 0 |
| 90 | 534500 | 350500 | 6 | 32 | 15.53319 | 0 | 0 | 0 |
| 90 | 535500 | 350500 | 6 | 32 | 14.58696 | 0 | 0 | 0 |
| 90 | 536500 | 350500 | 6 | 32 | 15.57021 | 0 | 0 | 0 |
| 90 | 548500 | 350500 | 6 | 32 | 11.34427 | 0 | 0 | 0 |
| 90 | 525500 | 349500 | 6 | 32 | 15.51259 | 0 | 0 | 0 |

| | | | | | | | | |
|----|--------|--------|---|----|----------|---|---|---|
| 90 | 526500 | 349500 | 6 | 32 | 15.48599 | 0 | 0 | 0 |
| 90 | 527500 | 349500 | 6 | 32 | 15.48073 | 0 | 0 | 0 |
| 90 | 528500 | 349500 | 6 | 32 | 15.46931 | 0 | 0 | 0 |
| 90 | 529500 | 349500 | 6 | 32 | 15.4423 | 0 | 0 | 0 |
| 90 | 530500 | 349500 | 6 | 32 | 15.50251 | 0 | 0 | 0 |
| 90 | 531500 | 349500 | 6 | 32 | 15.51529 | 0 | 0 | 0 |
| 90 | 532500 | 349500 | 6 | 32 | 15.57557 | 0 | 0 | 0 |
| 90 | 533500 | 349500 | 6 | 32 | 15.58199 | 0 | 0 | 0 |
| 90 | 534500 | 349500 | 6 | 32 | 15.58312 | 0 | 0 | 0 |
| 90 | 535500 | 349500 | 6 | 32 | 15.75245 | 0 | 0 | 0 |
| 90 | 536500 | 349500 | 6 | 32 | 15.61412 | 0 | 0 | 0 |
| 90 | 526500 | 348500 | 6 | 32 | 15.48462 | 0 | 0 | 0 |
| 90 | 527500 | 348500 | 6 | 32 | 15.45266 | 0 | 0 | 0 |
| 90 | 528500 | 348500 | 6 | 32 | 15.45761 | 0 | 0 | 0 |
| 90 | 529500 | 348500 | 6 | 32 | 15.45748 | 0 | 0 | 0 |
| 90 | 530500 | 348500 | 6 | 32 | 15.5262 | 0 | 0 | 0 |
| 90 | 531500 | 348500 | 6 | 32 | 15.5592 | 0 | 0 | 0 |
| 90 | 532500 | 348500 | 6 | 32 | 15.71639 | 0 | 0 | 0 |
| 90 | 533500 | 348500 | 6 | 32 | 15.61646 | 0 | 0 | 0 |
| 90 | 534500 | 348500 | 6 | 32 | 15.71491 | 0 | 0 | 0 |
| 90 | 535500 | 348500 | 6 | 32 | 15.68526 | 0 | 0 | 0 |
| 90 | 527500 | 347500 | 6 | 32 | 15.45864 | 0 | 0 | 0 |
| 90 | 528500 | 347500 | 6 | 32 | 15.46278 | 0 | 0 | 0 |
| 90 | 529500 | 347500 | 6 | 32 | 15.50644 | 0 | 0 | 0 |
| 90 | 530500 | 347500 | 6 | 32 | 15.57084 | 0 | 0 | 0 |
| 90 | 531500 | 347500 | 6 | 32 | 15.60308 | 0 | 0 | 0 |
| 90 | 532500 | 347500 | 6 | 32 | 15.63992 | 0 | 0 | 0 |
| 90 | 533500 | 347500 | 6 | 32 | 15.34295 | 0 | 0 | 0 |

v.uk/data/laqm-background-home. Total annual mean concentrations based on 1 km x 1 km grid squ

| Trunk_A_R | Primary_A | Primary_A | Minor_Rd | Minor_Rd | Brake+Tyre | Brake+Tyre | Road_Abra | Road_Abra |
|-----------|-----------|-----------|----------|----------|------------|------------|-----------|-----------|
| 0.00013 | 0 | 0.001154 | 0 | 0.001825 | 0 | 0.017858 | 0 | 0.007207 |
| 0.000155 | 0 | 0.001517 | 0.000447 | 0.002523 | 0.004187 | 0.024602 | 0.001533 | 0.009982 |
| 0.000136 | 0 | 0.001273 | 0 | 0.002015 | 0 | 0.019712 | 0 | 0.008108 |
| 0.000119 | 0 | 0.001092 | 0 | 0.001582 | 0 | 0.015555 | 0 | 0.006491 |
| 0.000097 | 0 | 0.00095 | 0 | 0.001322 | 0 | 0.013007 | 0 | 0.005462 |
| 0.00008 | 0 | 0.000839 | 0 | 0.001139 | 0 | 0.011204 | 0 | 0.004726 |
| 0.000061 | 0 | 0.00075 | 0 | 0.000988 | 0 | 0.009772 | 0 | 0.004122 |
| 0.000255 | 0.003793 | 0.002642 | 0.000813 | 0.00386 | 0.019936 | 0.035707 | 0.011365 | 0.015318 |
| 0.000233 | 0 | 0.003021 | 0.000187 | 0.003482 | 0.001267 | 0.034143 | 0.000744 | 0.015257 |
| 0.000205 | 0.000184 | 0.002319 | 0 | 0.002909 | 0.000889 | 0.028347 | 0.000494 | 0.012419 |
| 0.000182 | 0.000671 | 0.001927 | 0.000086 | 0.00242 | 0.003734 | 0.024269 | 0.002081 | 0.010499 |
| 0.000161 | 0 | 0.001723 | 0.000062 | 0.002148 | 0.000448 | 0.021863 | 0.000253 | 0.009482 |
| 0.00014 | 0 | 0.001392 | 0.000213 | 0.001893 | 0.001507 | 0.018728 | 0.000853 | 0.008057 |
| 0.000124 | 0 | 0.001198 | 0.000043 | 0.001659 | 0.000315 | 0.016227 | 0.000178 | 0.007024 |
| 0.000108 | 0 | 0.001049 | 0 | 0.001443 | 0 | 0.014026 | 0 | 0.006085 |
| 0.000089 | 0 | 0.000928 | 0.00001 | 0.00129 | 0.000071 | 0.012349 | 0.000039 | 0.005372 |
| 0.000074 | 0 | 0.00083 | 0 | 0.001143 | 0 | 0.010917 | 0 | 0.004748 |
| 0.000057 | 0 | 0.000749 | 0 | 0.000977 | 0 | 0.009537 | 0 | 0.004116 |
| 0.000227 | 0.003162 | 0.002291 | 0.002985 | 0.002615 | 0.0199 | 0.027391 | 0.011488 | 0.012354 |
| 0.000209 | 0 | 0.002609 | 0.001575 | 0.002656 | 0.002528 | 0.027403 | 0.001437 | 0.012783 |
| 0.000184 | 0 | 0.001983 | 0.000154 | 0.002373 | 0.00093 | 0.022732 | 0.000526 | 0.010358 |
| 0.000164 | 0.000817 | 0.001683 | 0.000003 | 0.002094 | 0.003946 | 0.020176 | 0.002193 | 0.009108 |
| 0.000145 | 0 | 0.001611 | 0.000216 | 0.001889 | 0.001564 | 0.018706 | 0.000884 | 0.008465 |
| 0.000127 | 0 | 0.001319 | 0.000232 | 0.001653 | 0.001578 | 0.016324 | 0.000893 | 0.007334 |
| 0.000113 | 0 | 0.001161 | 0.000207 | 0.001462 | 0.000949 | 0.014534 | 0.000536 | 0.006517 |
| 0.000099 | 0 | 0.001039 | 0.000131 | 0.001349 | 0.000837 | 0.013095 | 0.000473 | 0.005879 |
| 0.000082 | 0 | 0.000934 | 0.00074 | 0.001165 | 0.003295 | 0.011532 | 0.001864 | 0.005144 |
| 0.000067 | 0 | 0.000843 | 0.000006 | 0.001154 | 0.000047 | 0.010807 | 0.000027 | 0.004861 |
| 0.000053 | 0 | 0.000762 | 0 | 0.000952 | 0 | 0.009357 | 0 | 0.004144 |
| 0.000037 | 0 | 0.000688 | 0 | 0.000847 | 0 | 0.008343 | 0 | 0.003662 |
| 0.000018 | 0 | 0.000614 | 0 | 0.00075 | 0 | 0.007355 | 0 | 0.003211 |
| 0.000005 | 0 | 0.000554 | 0 | 0.000661 | 0 | 0.006469 | 0 | 0.002824 |
| 0.000204 | 0.003169 | 0.002049 | 0.000131 | 0.002234 | 0.016784 | 0.022964 | 0.009725 | 0.01081 |
| 0.000189 | 0 | 0.002406 | 0.000145 | 0.002014 | 0.000918 | 0.02341 | 0.000519 | 0.011269 |
| 0.000168 | 0 | 0.001826 | 0.00021 | 0.001882 | 0.000899 | 0.019566 | 0.000509 | 0.009187 |
| 0.00015 | 0.000844 | 0.001589 | 0.001928 | 0.001608 | 0.007164 | 0.017466 | 0.004012 | 0.008109 |
| 0.000133 | 0 | 0.001556 | 0.000338 | 0.001752 | 0.002031 | 0.016901 | 0.001149 | 0.007901 |
| 0.000116 | 0 | 0.001297 | 0.000106 | 0.001467 | 0.000772 | 0.014875 | 0.000437 | 0.006888 |
| 0.000103 | 0 | 0.001191 | 0.000208 | 0.001317 | 0.001296 | 0.013509 | 0.000733 | 0.006229 |
| 0.000091 | 0 | 0.001098 | 0.000078 | 0.001265 | 0.000534 | 0.012678 | 0.000302 | 0.005871 |
| 0.000075 | 0 | 0.000979 | 0.000257 | 0.001167 | 0.001039 | 0.011558 | 0.000588 | 0.005339 |
| 0.000063 | 0 | 0.000868 | 0.000106 | 0.001068 | 0.000746 | 0.010378 | 0.000422 | 0.004763 |
| 0.000049 | 0 | 0.000781 | 0.000011 | 0.000945 | 0.000083 | 0.009324 | 0.000047 | 0.004242 |
| 0.000035 | 0 | 0.000706 | 0 | 0.000848 | 0 | 0.008357 | 0 | 0.003762 |

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|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 0.000017 | 0 | 0.000632 | 0 | 0.000755 | 0 | 0.007401 | 0 | 0.003309 |
| 0.000004 | 0 | 0.000571 | 0 | 0.000672 | 0 | 0.00656 | 0 | 0.002929 |
| 0 | 0 | 0.000508 | 0 | 0.000575 | 0 | 0.005623 | 0 | 0.002538 |
| 0 | 0 | 0.000428 | 0 | 0.00047 | 0 | 0.004575 | 0 | 0.00213 |
| 0.000198 | 0 | 0.002018 | 0.000161 | 0.001772 | 0.001133 | 0.020888 | 0.000647 | 0.01018 |
| 0.000185 | 0.003198 | 0.001948 | 0.000111 | 0.001673 | 0.016655 | 0.019789 | 0.009655 | 0.009609 |
| 0.000171 | 0 | 0.002304 | 0.000082 | 0.001589 | 0.000571 | 0.020907 | 0.000324 | 0.010341 |
| 0.000153 | 0 | 0.001737 | 0 | 0.001578 | 0 | 0.017601 | 0 | 0.008496 |
| 0.000137 | 0.001065 | 0.001501 | 0.000389 | 0.001512 | 0.006137 | 0.015837 | 0.003421 | 0.007557 |
| 0.000122 | 0 | 0.001586 | 0.000048 | 0.001417 | 0.000312 | 0.015753 | 0.000176 | 0.007568 |
| 0.000106 | 0 | 0.001409 | 0.000056 | 0.001267 | 0.000356 | 0.014177 | 0.000202 | 0.00675 |
| 0.000095 | 0.000314 | 0.001291 | 0.00029 | 0.00119 | 0.002158 | 0.013169 | 0.001206 | 0.006246 |
| 0.000084 | 0.0003 | 0.001212 | 0.000208 | 0.001205 | 0.002615 | 0.012515 | 0.001465 | 0.005946 |
| 0.00007 | 0 | 0.001102 | 0.000213 | 0.001161 | 0.00153 | 0.011719 | 0.000865 | 0.005564 |
| 0.000058 | 0 | 0.000928 | 0.000113 | 0.001065 | 0.000787 | 0.010537 | 0.000446 | 0.004964 |
| 0.000045 | 0 | 0.000819 | 0.000092 | 0.000947 | 0.000664 | 0.009406 | 0.000376 | 0.004381 |
| 0.000032 | 0 | 0.000737 | 0.00005 | 0.000866 | 0.000358 | 0.008511 | 0.000203 | 0.003924 |
| 0.000016 | 0 | 0.000661 | 0 | 0.000792 | 0 | 0.007682 | 0 | 0.003527 |
| 0.000004 | 0 | 0.0006 | 0 | 0.000719 | 0 | 0.006936 | 0 | 0.003186 |
| 0 | 0 | 0.000539 | 0 | 0.000631 | 0 | 0.006068 | 0 | 0.002819 |
| 0 | 0 | 0.000461 | 0 | 0.000523 | 0 | 0.005006 | 0 | 0.002389 |
| 0.000172 | 0 | 0.002015 | 0.000128 | 0.001463 | 0.000547 | 0.018896 | 0.00031 | 0.009465 |
| 0.000161 | 0.003226 | 0.001923 | 0.0001 | 0.001467 | 0.016789 | 0.018155 | 0.009732 | 0.009058 |
| 0.000149 | 0 | 0.002251 | 0.000076 | 0.001501 | 0.000555 | 0.019644 | 0.000314 | 0.009964 |
| 0.000133 | 0 | 0.001651 | 0.000096 | 0.001464 | 0.000612 | 0.016283 | 0.000346 | 0.008052 |
| 0.00012 | 0.000623 | 0.001471 | 0.000126 | 0.001343 | 0.003837 | 0.014848 | 0.002145 | 0.007266 |
| 0.00011 | 0.000939 | 0.001385 | 0.000037 | 0.001224 | 0.004773 | 0.013842 | 0.002657 | 0.006737 |
| 0.000099 | 0.000895 | 0.001326 | 0.000012 | 0.001131 | 0.004344 | 0.012982 | 0.002414 | 0.006287 |
| 0.000088 | 0.00055 | 0.001298 | 0 | 0.001141 | 0.002656 | 0.01265 | 0.001476 | 0.006128 |
| 0.000078 | 0.000865 | 0.001159 | 0.000736 | 0.001074 | 0.005617 | 0.011788 | 0.003137 | 0.005679 |
| 0.000065 | 0.000286 | 0.001161 | 0.000353 | 0.001138 | 0.002637 | 0.011757 | 0.001478 | 0.0057 |
| 0.000054 | 0 | 0.001048 | 0.000288 | 0.001038 | 0.001703 | 0.010775 | 0.000964 | 0.00519 |
| 0.000042 | 0 | 0.000887 | 0.000106 | 0.000989 | 0.000725 | 0.009747 | 0.00041 | 0.004652 |
| 0.000029 | 0 | 0.000778 | 0.000008 | 0.000936 | 0.000063 | 0.00892 | 0.000035 | 0.004223 |
| 0.000015 | 0 | 0.000697 | 0.000146 | 0.000836 | 0.001044 | 0.007998 | 0.000591 | 0.00376 |
| 0.000004 | 0 | 0.000635 | 0.000109 | 0.000785 | 0.000793 | 0.007423 | 0.000449 | 0.003505 |
| 0 | 0 | 0.000576 | 0.000238 | 0.000678 | 0.001636 | 0.006422 | 0.000926 | 0.003051 |
| 0 | 0 | 0.000499 | 0.000054 | 0.000583 | 0.000273 | 0.00547 | 0.000154 | 0.00267 |
| 0 | 0 | 0.000417 | 0 | 0.000472 | 0 | 0.004399 | 0 | 0.00216 |
| 0.000164 | 0.000595 | 0.001786 | 0.000104 | 0.001337 | 0.003615 | 0.017003 | 0.002203 | 0.008663 |
| 0.000152 | 0 | 0.002102 | 0.000055 | 0.001324 | 0.0004 | 0.018333 | 0.000227 | 0.009453 |
| 0.000141 | 0.00337 | 0.001876 | 0.000465 | 0.001315 | 0.018569 | 0.016913 | 0.010754 | 0.008626 |
| 0.000131 | 0 | 0.002252 | 0.001608 | 0.001215 | 0.004025 | 0.018413 | 0.002289 | 0.009518 |
| 0.000119 | 0 | 0.001685 | 0.000328 | 0.001372 | 0.00205 | 0.015611 | 0.001171 | 0.007909 |
| 0.000111 | 0 | 0.00146 | 0.000472 | 0.001163 | 0.002486 | 0.013854 | 0.001416 | 0.00692 |
| 0.000102 | 0 | 0.001345 | 0 | 0.001168 | 0 | 0.013172 | 0 | 0.006552 |
| 0.000092 | 0 | 0.001254 | 0.000016 | 0.001095 | 0.000114 | 0.012246 | 0.000064 | 0.006044 |
| 0.000082 | 0 | 0.001171 | 0.000098 | 0.001062 | 0.00066 | 0.011626 | 0.000373 | 0.005704 |
| 0.000073 | 0 | 0.001153 | 0.000322 | 0.001047 | 0.00171 | 0.011373 | 0.000968 | 0.005568 |
| 0.00006 | 0.00092 | 0.001016 | 0.000168 | 0.001046 | 0.005295 | 0.010697 | 0.002951 | 0.005206 |

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|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 0.00005 | 0.000503 | 0.001071 | 0.00016 | 0.001018 | 0.003372 | 0.01068 | 0.001884 | 0.005216 |
| 0.000039 | 0 | 0.001011 | 0.000616 | 0.000951 | 0.00173 | 0.010092 | 0.000979 | 0.00491 |
| 0.000027 | 0 | 0.000865 | 0.00024 | 0.000981 | 0.001742 | 0.009227 | 0.000986 | 0.004451 |
| 0.000013 | 0 | 0.000764 | 0.000189 | 0.000889 | 0.001342 | 0.00849 | 0.000759 | 0.004083 |
| 0.000004 | 0 | 0.000704 | 0.000214 | 0.000841 | 0.001339 | 0.007869 | 0.000757 | 0.003793 |
| 0 | 0 | 0.000645 | 0.000212 | 0.000767 | 0.001373 | 0.007028 | 0.000777 | 0.003419 |
| 0 | 0 | 0.000564 | 0 | 0.00065 | 0 | 0.005943 | 0 | 0.002951 |
| 0 | 0 | 0.000472 | 0 | 0.000512 | 0 | 0.004769 | 0 | 0.002376 |
| 0 | 0 | 0.000383 | 0 | 0.000417 | 0 | 0.003882 | 0 | 0.001937 |
| 0.000099 | 0.000676 | 0.001968 | 0.000179 | 0.001194 | 0.004503 | 0.016718 | 0.002724 | 0.008729 |
| 0.000097 | 0.001693 | 0.002047 | 0.000143 | 0.001178 | 0.009481 | 0.016831 | 0.005487 | 0.00881 |
| 0.000097 | 0.001714 | 0.002012 | 0.000025 | 0.001183 | 0.008649 | 0.016538 | 0.005017 | 0.008626 |
| 0.000097 | 0 | 0.001963 | 0.000005 | 0.001101 | 0.000037 | 0.015943 | 0.000021 | 0.008299 |
| 0.000095 | 0 | 0.001471 | 0.000045 | 0.001077 | 0.000329 | 0.013284 | 0.000186 | 0.006773 |
| 0.000093 | 0 | 0.001286 | 0.000673 | 0.000993 | 0.001961 | 0.012033 | 0.00111 | 0.006063 |
| 0.000086 | 0 | 0.001171 | 0.000369 | 0.00104 | 0.001885 | 0.011418 | 0.001067 | 0.005715 |
| 0.000077 | 0 | 0.001088 | 0.000063 | 0.001025 | 0.00044 | 0.011038 | 0.000249 | 0.005491 |
| 0.000068 | 0 | 0.001041 | 0.000173 | 0.000972 | 0.001115 | 0.010498 | 0.000631 | 0.005173 |
| 0.000057 | 0 | 0.001052 | 0.000086 | 0.000964 | 0.000585 | 0.010438 | 0.000331 | 0.005136 |
| 0.000047 | 0.000523 | 0.000992 | 0.000182 | 0.000957 | 0.003277 | 0.00997 | 0.001828 | 0.004882 |
| 0.000037 | 0.000552 | 0.001007 | 0.000607 | 0.000925 | 0.00417 | 0.009874 | 0.002332 | 0.004839 |
| 0.000026 | 0 | 0.001017 | 0.000107 | 0.000968 | 0.000764 | 0.009881 | 0.000432 | 0.004857 |
| 0.000012 | 0 | 0.00091 | 0.000114 | 0.0009 | 0.000756 | 0.009057 | 0.000427 | 0.004434 |
| 0.000004 | 0 | 0.000891 | 0.000422 | 0.000895 | 0.00163 | 0.008698 | 0.000922 | 0.004282 |
| 0 | 0 | 0.000831 | 0.000331 | 0.000907 | 0.001487 | 0.008081 | 0.000842 | 0.004026 |
| 0 | 0 | 0.000688 | 0.000016 | 0.00078 | 0.000119 | 0.006813 | 0.000067 | 0.003448 |
| 0 | 0 | 0.000536 | 0 | 0.000577 | 0 | 0.005334 | 0 | 0.002698 |
| 0 | 0 | 0.00043 | 0 | 0.000449 | 0 | 0.004259 | 0 | 0.00215 |
| 0.000072 | 0.001652 | 0.001519 | 0.00009 | 0.001097 | 0.008806 | 0.01384 | 0.005644 | 0.007141 |
| 0.000073 | 0 | 0.00221 | 0.000044 | 0.001052 | 0.000318 | 0.01691 | 0.00018 | 0.009067 |
| 0.000073 | 0.003477 | 0.001898 | 0.00007 | 0.00102 | 0.017917 | 0.015055 | 0.010388 | 0.007971 |
| 0.000073 | 0 | 0.002307 | 0.000058 | 0.000996 | 0.000378 | 0.016946 | 0.000214 | 0.009056 |
| 0.000073 | 0 | 0.001647 | 0.000095 | 0.000973 | 0.000621 | 0.013473 | 0.000352 | 0.007021 |
| 0.000072 | 0 | 0.001365 | 0.000162 | 0.000981 | 0.000873 | 0.012049 | 0.000494 | 0.006187 |
| 0.000071 | 0 | 0.001194 | 0.000148 | 0.000973 | 0.000922 | 0.0112 | 0.000521 | 0.005689 |
| 0.000069 | 0 | 0.001083 | 0.000155 | 0.00095 | 0.00109 | 0.010527 | 0.000616 | 0.005288 |
| 0.000065 | 0 | 0.001007 | 0.000125 | 0.000929 | 0.000472 | 0.010102 | 0.000267 | 0.005025 |
| 0.000053 | 0 | 0.000964 | 0.00006 | 0.000913 | 0.000415 | 0.009687 | 0.000235 | 0.004776 |
| 0.000044 | 0 | 0.000996 | 0.000077 | 0.000914 | 0.000562 | 0.009732 | 0.000318 | 0.004798 |
| 0.000035 | 0.000941 | 0.00091 | 0.000244 | 0.0009 | 0.005616 | 0.009161 | 0.003132 | 0.00448 |
| 0.000025 | 0.000319 | 0.001055 | 0.000058 | 0.000916 | 0.001909 | 0.009843 | 0.001064 | 0.004867 |
| 0.000012 | 0.000767 | 0.00096 | 0.000077 | 0.000922 | 0.003964 | 0.009255 | 0.002206 | 0.004571 |
| 0.000004 | 0.00082 | 0.000937 | 0.00065 | 0.000917 | 0.005007 | 0.009024 | 0.002793 | 0.004487 |
| 0 | 0.000932 | 0.000826 | 0.001245 | 0.00085 | 0.006795 | 0.008085 | 0.003799 | 0.004045 |
| 0 | 0 | 0.00084 | 0.000277 | 0.000843 | 0.00175 | 0.007632 | 0.00099 | 0.003913 |
| 0 | 0 | 0.000653 | 0 | 0.000634 | 0 | 0.006222 | 0 | 0.003198 |
| 0 | 0 | 0.000501 | 0 | 0.000477 | 0 | 0.004761 | 0 | 0.002432 |
| 0 | 0 | 0.000393 | 0 | 0.000398 | 0 | 0.003843 | 0 | 0.001977 |
| 0.00004 | 0 | 0.001227 | 0.00014 | 0.001049 | 0.000967 | 0.012021 | 0.000551 | 0.006133 |
| 0.000039 | 0.000606 | 0.00145 | 0.000156 | 0.000999 | 0.003617 | 0.012829 | 0.002343 | 0.006678 |

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|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 0.000039 | 0.000966 | 0.00187 | 0.000106 | 0.00099 | 0.005532 | 0.014638 | 0.003603 | 0.007812 |
| 0.000039 | 0.003219 | 0.002085 | 0.000408 | 0.000939 | 0.017234 | 0.015395 | 0.010428 | 0.008303 |
| 0.000039 | 0.001443 | 0.002416 | 0.000094 | 0.000968 | 0.007611 | 0.016846 | 0.00441 | 0.009178 |
| 0.00004 | 0 | 0.002112 | 0.000093 | 0.00092 | 0.000607 | 0.015091 | 0.000343 | 0.008084 |
| 0.00004 | 0 | 0.001504 | 0.000097 | 0.000919 | 0.000667 | 0.012171 | 0.000378 | 0.006349 |
| 0.00004 | 0 | 0.001255 | 0.000298 | 0.000906 | 0.001483 | 0.010924 | 0.000839 | 0.005605 |
| 0.000039 | 0 | 0.001112 | 0.000076 | 0.000952 | 0.000536 | 0.010431 | 0.000303 | 0.005294 |
| 0.000038 | 0 | 0.001014 | 0.000091 | 0.000912 | 0.000638 | 0.009811 | 0.000361 | 0.004912 |
| 0.000037 | 0 | 0.000947 | 0.000022 | 0.000906 | 0.000158 | 0.009498 | 0.00009 | 0.004715 |
| 0.000036 | 0 | 0.000918 | 0.000163 | 0.000877 | 0.000746 | 0.009176 | 0.000422 | 0.004523 |
| 0.000033 | 0 | 0.000951 | 0 | 0.000905 | 0 | 0.009384 | 0 | 0.004636 |
| 0.000023 | 0.000684 | 0.000882 | 0.00038 | 0.000854 | 0.004268 | 0.008838 | 0.002381 | 0.004332 |
| 0.000012 | 0.000625 | 0.000911 | 0.000221 | 0.000898 | 0.004194 | 0.008916 | 0.002343 | 0.004402 |
| 0.000004 | 0 | 0.000908 | 0.000277 | 0.000895 | 0.001858 | 0.008735 | 0.001051 | 0.004343 |
| 0 | 0.000033 | 0.000825 | 0.000265 | 0.000876 | 0.001521 | 0.008198 | 0.000859 | 0.004123 |
| 0 | 0.000995 | 0.000664 | 0.000402 | 0.000723 | 0.006451 | 0.006782 | 0.003602 | 0.003448 |
| 0 | 0.000348 | 0.000745 | 0.000052 | 0.000647 | 0.001966 | 0.006763 | 0.001096 | 0.003504 |
| 0 | 0 | 0.000621 | 0 | 0.000547 | 0 | 0.005713 | 0 | 0.002967 |
| 0 | 0 | 0.000463 | 0 | 0.000464 | 0 | 0.004511 | 0 | 0.002351 |
| 0.000018 | 0 | 0.000874 | 0.000558 | 0.001174 | 0.002469 | 0.010842 | 0.001402 | 0.005473 |
| 0.000018 | 0 | 0.000888 | 0.000751 | 0.001189 | 0.004226 | 0.010843 | 0.002406 | 0.005421 |
| 0.000016 | 0 | 0.000907 | 0.000148 | 0.001196 | 0.001059 | 0.011076 | 0.000599 | 0.005527 |
| 0.000015 | 0 | 0.000919 | 0.000234 | 0.001063 | 0.001658 | 0.010495 | 0.000938 | 0.005191 |
| 0.000013 | 0 | 0.000963 | 0.000327 | 0.001019 | 0.001352 | 0.010579 | 0.000771 | 0.005258 |
| 0.000012 | 0 | 0.001014 | 0.000058 | 0.001018 | 0.000417 | 0.010683 | 0.000236 | 0.005358 |
| 0.000012 | 0 | 0.001111 | 0.00009 | 0.000964 | 0.000634 | 0.010846 | 0.000359 | 0.005508 |
| 0.000012 | 0 | 0.001333 | 0.000116 | 0.000936 | 0.000797 | 0.01173 | 0.000451 | 0.006109 |
| 0.000012 | 0.001232 | 0.001524 | 0.000115 | 0.000932 | 0.006777 | 0.01252 | 0.004437 | 0.006594 |
| 0.000012 | 0.000864 | 0.002249 | 0.000149 | 0.000942 | 0.005065 | 0.015756 | 0.003289 | 0.008581 |
| 0.000012 | 0.005394 | 0.002011 | 0.000146 | 0.000931 | 0.024965 | 0.014426 | 0.014973 | 0.007782 |
| 0.000012 | 0 | 0.002644 | 0.000048 | 0.00092 | 0.000327 | 0.017028 | 0.000185 | 0.009322 |
| 0.000012 | 0 | 0.001678 | 0.000047 | 0.000897 | 0.000341 | 0.012584 | 0.000193 | 0.006659 |
| 0.000012 | 0 | 0.00135 | 0.00032 | 0.00088 | 0.000917 | 0.011086 | 0.000519 | 0.005759 |
| 0.000012 | 0 | 0.001162 | 0.000245 | 0.000918 | 0.001175 | 0.010293 | 0.000664 | 0.005264 |
| 0.000012 | 0 | 0.001036 | 0.000095 | 0.000928 | 0.00064 | 0.009815 | 0.000362 | 0.004952 |
| 0.000012 | 0 | 0.000949 | 0.000208 | 0.00089 | 0.001406 | 0.009209 | 0.000795 | 0.004582 |
| 0.000012 | 0 | 0.00089 | 0.000035 | 0.000902 | 0.000208 | 0.009043 | 0.000118 | 0.004474 |
| 0.000011 | 0 | 0.000855 | 0.000172 | 0.000858 | 0.001247 | 0.008593 | 0.000706 | 0.004213 |
| 0.000011 | 0 | 0.000846 | 0.000116 | 0.000873 | 0.000828 | 0.008626 | 0.000469 | 0.004234 |
| 0.000011 | 0 | 0.000797 | 0.000051 | 0.000853 | 0.000341 | 0.008281 | 0.000193 | 0.00407 |
| 0.000003 | 0 | 0.00073 | 0.000038 | 0.000849 | 0.000251 | 0.007896 | 0.000142 | 0.003896 |
| 0 | 0 | 0.000704 | 0.000295 | 0.000772 | 0.002013 | 0.007285 | 0.001139 | 0.003626 |
| 0 | 0 | 0.000734 | 0.000016 | 0.000731 | 0.000111 | 0.007293 | 0.000063 | 0.003741 |
| 0 | 0.000776 | 0.00063 | 0.000138 | 0.000643 | 0.004584 | 0.006286 | 0.002556 | 0.003245 |
| 0 | 0.000383 | 0.000674 | 0.000577 | 0.000558 | 0.004473 | 0.006069 | 0.002512 | 0.003167 |
| 0 | 0 | 0.000576 | 0 | 0.000559 | 0 | 0.00551 | 0 | 0.002911 |
| 0 | 0 | 0.000408 | 0 | 0.000393 | 0 | 0.003904 | 0 | 0.002057 |
| 0 | 0 | 0.000838 | 0.000326 | 0.000971 | 0.002285 | 0.009547 | 0.001304 | 0.004892 |
| 0 | 0 | 0.000844 | 0.000313 | 0.001048 | 0.001723 | 0.009921 | 0.000983 | 0.005073 |
| 0 | 0 | 0.00086 | 0.000764 | 0.000999 | 0.002215 | 0.009882 | 0.001253 | 0.005023 |

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|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 0 | 0 | 0.000879 | 0.000109 | 0.001045 | 0.000794 | 0.009908 | 0.00045 | 0.005017 |
| 0 | 0 | 0.000892 | 0.000016 | 0.000958 | 0.000116 | 0.009735 | 0.000066 | 0.004916 |
| 0 | 0 | 0.000927 | 0.0001 | 0.000915 | 0.000724 | 0.00965 | 0.000409 | 0.004882 |
| 0 | 0 | 0.000965 | 0.000132 | 0.000899 | 0.000873 | 0.009772 | 0.000494 | 0.004977 |
| 0 | 0 | 0.001027 | 0.000147 | 0.000888 | 0.001067 | 0.009962 | 0.000604 | 0.005121 |
| 0 | 0 | 0.001146 | 0.000027 | 0.000884 | 0.000193 | 0.010478 | 0.000109 | 0.005458 |
| 0 | 0 | 0.001379 | 0.000201 | 0.000844 | 0.001215 | 0.011221 | 0.000688 | 0.005945 |
| 0 | 0 | 0.001904 | 0.000194 | 0.000874 | 0.001296 | 0.013467 | 0.000733 | 0.007294 |
| 0 | 0.005131 | 0.00183 | 0.00047 | 0.00085 | 0.023353 | 0.01309 | 0.013947 | 0.007062 |
| 0 | 0.001032 | 0.002575 | 0.000214 | 0.000885 | 0.005743 | 0.016141 | 0.003397 | 0.008891 |
| 0 | 0 | 0.002058 | 0.000074 | 0.000872 | 0.000523 | 0.013909 | 0.000296 | 0.007554 |
| 0 | 0 | 0.001466 | 0.000142 | 0.000874 | 0.000994 | 0.011293 | 0.000563 | 0.005979 |
| 0 | 0 | 0.001195 | 0.000185 | 0.0009 | 0.001185 | 0.010209 | 0.00067 | 0.005301 |
| 0 | 0 | 0.001039 | 0.000175 | 0.000916 | 0.000699 | 0.009606 | 0.000395 | 0.004908 |
| 0 | 0 | 0.000933 | 0.000095 | 0.000919 | 0.000691 | 0.009065 | 0.000391 | 0.004567 |
| 0 | 0 | 0.000855 | 0.000006 | 0.000898 | 0.000044 | 0.008686 | 0.000025 | 0.004337 |
| 0 | 0 | 0.000795 | 0.000124 | 0.000853 | 0.000896 | 0.008166 | 0.000507 | 0.004039 |
| 0 | 0 | 0.000746 | 0.000007 | 0.000844 | 0.000009 | 0.007956 | 0.000005 | 0.003927 |
| 0 | 0 | 0.000698 | 0.000065 | 0.000815 | 0.000387 | 0.007545 | 0.000219 | 0.003725 |
| 0 | 0 | 0.000659 | 0.000291 | 0.000784 | 0.001103 | 0.007265 | 0.000624 | 0.003606 |
| 0 | 0 | 0.000637 | 0.00016 | 0.000763 | 0.000968 | 0.006987 | 0.000547 | 0.003512 |
| 0 | 0 | 0.000628 | 0.000138 | 0.000678 | 0.000961 | 0.006529 | 0.000543 | 0.003348 |
| 0 | 0 | 0.000689 | 0.000128 | 0.000662 | 0.000905 | 0.006723 | 0.000512 | 0.003506 |
| 0 | 0.001016 | 0.000571 | 0.000632 | 0.00056 | 0.007575 | 0.005663 | 0.004236 | 0.002945 |
| 0 | 0 | 0.000676 | 0.00003 | 0.000551 | 0.000221 | 0.005982 | 0.000125 | 0.003173 |
| 0 | 0 | 0.000482 | 0 | 0.000406 | 0 | 0.004366 | 0 | 0.002312 |
| 0 | 0 | 0.000833 | 0.000164 | 0.000871 | 0.001155 | 0.009021 | 0.000659 | 0.004738 |
| 0 | 0 | 0.000841 | 0.000038 | 0.000867 | 0.000263 | 0.008989 | 0.000148 | 0.004696 |
| 0 | 0 | 0.000859 | 0.000142 | 0.00085 | 0.001018 | 0.008891 | 0.000576 | 0.004618 |
| 0 | 0 | 0.000879 | 0.000161 | 0.000816 | 0.000839 | 0.008906 | 0.000475 | 0.004613 |
| 0 | 0 | 0.000886 | 0.000106 | 0.000797 | 0.00073 | 0.0088 | 0.000413 | 0.00455 |
| 0 | 0 | 0.000918 | 0.000112 | 0.000792 | 0.000658 | 0.00898 | 0.000372 | 0.004662 |
| 0 | 0 | 0.000949 | 0.000217 | 0.00079 | 0.00157 | 0.009076 | 0.000888 | 0.004732 |
| 0 | 0 | 0.000993 | 0.000185 | 0.000803 | 0.001345 | 0.009337 | 0.000761 | 0.004897 |
| 0 | 0 | 0.001068 | 0.000112 | 0.000789 | 0.000813 | 0.009532 | 0.00046 | 0.005024 |
| 0 | 0 | 0.001207 | 0 | 0.000789 | 0 | 0.01004 | 0 | 0.00533 |
| 0 | 0 | 0.001515 | 0 | 0.000805 | 0 | 0.011288 | 0 | 0.006073 |
| 0 | 0 | 0.002203 | 0.000078 | 0.000842 | 0.000536 | 0.014277 | 0.000303 | 0.007857 |
| 0 | 0.005357 | 0.001852 | 0.000143 | 0.000874 | 0.023875 | 0.012867 | 0.014275 | 0.007009 |
| 0 | 0 | 0.002573 | 0.000041 | 0.000898 | 0.000273 | 0.016058 | 0.000154 | 0.008921 |
| 0 | 0 | 0.001561 | 0.000184 | 0.000868 | 0.001112 | 0.011539 | 0.000629 | 0.006204 |
| 0 | 0 | 0.00123 | 0.000068 | 0.00092 | 0.000461 | 0.010301 | 0.000261 | 0.005416 |
| 0 | 0 | 0.001054 | 0.000233 | 0.000929 | 0.000882 | 0.009525 | 0.000499 | 0.004914 |
| 0 | 0 | 0.000932 | 0.000051 | 0.000974 | 0.00034 | 0.009122 | 0.000193 | 0.004651 |
| 0 | 0 | 0.00084 | 0.000137 | 0.000916 | 0.000858 | 0.008495 | 0.000486 | 0.004288 |
| 0 | 0 | 0.00077 | 0.000003 | 0.00088 | 0.000021 | 0.00811 | 0.000012 | 0.004077 |
| 0 | 0 | 0.000714 | 0.000015 | 0.000823 | 0.000087 | 0.00761 | 0.000049 | 0.003811 |
| 0 | 0 | 0.000669 | 0.000156 | 0.000784 | 0.001086 | 0.007215 | 0.000614 | 0.003615 |
| 0 | 0 | 0.000634 | 0.000131 | 0.000773 | 0.000865 | 0.007042 | 0.000489 | 0.003555 |
| 0 | 0 | 0.000613 | 0.000039 | 0.000725 | 0.000253 | 0.006735 | 0.000143 | 0.003434 |

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| 0 | 0 | 0.000593 | 0.000204 | 0.000647 | 0.001339 | 0.006197 | 0.000757 | 0.003209 |
| 0 | 0 | 0.00062 | 0.000154 | 0.000636 | 0.001044 | 0.006272 | 0.000591 | 0.003285 |
| 0 | 0.00041 | 0.000634 | 0.000016 | 0.000612 | 0.002053 | 0.00621 | 0.001141 | 0.003275 |
| 0 | 0.000576 | 0.000622 | 0.000093 | 0.000502 | 0.003331 | 0.005556 | 0.001868 | 0.002938 |
| 0 | 0 | 0.000606 | 0 | 0.000423 | 0 | 0.005077 | 0 | 0.002704 |
| 0 | 0 | 0.000402 | 0 | 0.000346 | 0 | 0.003706 | 0 | 0.001949 |
| 0 | 0 | 0.000856 | 0 | 0.000749 | 0 | 0.008383 | 0 | 0.004516 |
| 0 | 0 | 0.000872 | 0.000117 | 0.000722 | 0.000848 | 0.008285 | 0.00048 | 0.004444 |
| 0 | 0 | 0.000897 | 0.000082 | 0.000727 | 0.000578 | 0.008461 | 0.000327 | 0.004528 |
| 0 | 0 | 0.00092 | 0.000013 | 0.000715 | 0.000067 | 0.008506 | 0.000038 | 0.004545 |
| 0 | 0 | 0.000927 | 0.000017 | 0.000702 | 0.00012 | 0.008451 | 0.000068 | 0.004512 |
| 0 | 0 | 0.000956 | 0.000108 | 0.000694 | 0.000783 | 0.008525 | 0.000443 | 0.004558 |
| 0 | 0 | 0.000983 | 0.000166 | 0.000704 | 0.00115 | 0.008698 | 0.000651 | 0.004663 |
| 0 | 0 | 0.001019 | 0.000137 | 0.000715 | 0.000989 | 0.008861 | 0.00056 | 0.004762 |
| 0 | 0 | 0.001075 | 0.000132 | 0.000707 | 0.000939 | 0.009013 | 0.000531 | 0.004848 |
| 0 | 0 | 0.001175 | 0 | 0.000738 | 0 | 0.009525 | 0 | 0.005133 |
| 0 | 0 | 0.001387 | 0.000071 | 0.00077 | 0.000405 | 0.010429 | 0.000229 | 0.005648 |
| 0 | 0 | 0.002029 | 0.000088 | 0.00086 | 0.000637 | 0.013454 | 0.00036 | 0.007422 |
| 0 | 0.005207 | 0.002074 | 0.000591 | 0.000886 | 0.02442 | 0.013768 | 0.014562 | 0.007585 |
| 0 | 0 | 0.002683 | 0.000313 | 0.000958 | 0.001472 | 0.016543 | 0.000833 | 0.009236 |
| 0 | 0 | 0.001626 | 0.000058 | 0.00098 | 0.000422 | 0.012094 | 0.000239 | 0.006533 |
| 0 | 0 | 0.00128 | 0.000089 | 0.001011 | 0.000595 | 0.010654 | 0.000337 | 0.00561 |
| 0 | 0 | 0.001075 | 0.000139 | 0.001061 | 0.000506 | 0.009968 | 0.000286 | 0.005155 |
| 0 | 0 | 0.000929 | 0.000392 | 0.001033 | 0.001495 | 0.009231 | 0.000846 | 0.004722 |
| 0 | 0 | 0.000827 | 0.000048 | 0.00104 | 0.000321 | 0.008829 | 0.000181 | 0.004516 |
| 0 | 0 | 0.000753 | 0.000125 | 0.000917 | 0.000891 | 0.008009 | 0.000504 | 0.004086 |
| 0 | 0 | 0.000695 | 0 | 0.000857 | 0 | 0.007607 | 0 | 0.003894 |
| 0 | 0 | 0.000651 | 0.00014 | 0.000788 | 0.000758 | 0.007107 | 0.000429 | 0.003644 |
| 0 | 0 | 0.000619 | 0.000072 | 0.000762 | 0.000448 | 0.006867 | 0.000253 | 0.003541 |
| 0 | 0 | 0.000596 | 0.0001 | 0.000696 | 0.000685 | 0.006425 | 0.000387 | 0.003336 |
| 0 | 0 | 0.000577 | 0.000104 | 0.000656 | 0.000552 | 0.00615 | 0.000312 | 0.003242 |
| 0 | 0 | 0.000583 | 0.000104 | 0.000645 | 0.000751 | 0.006108 | 0.000425 | 0.003237 |
| 0 | 0 | 0.000661 | 0.000238 | 0.000589 | 0.001264 | 0.006237 | 0.000765 | 0.003313 |
| 0 | 0.001017 | 0.000607 | 0.000048 | 0.000537 | 0.005179 | 0.005691 | 0.002886 | 0.003032 |
| 0 | 0 | 0.000709 | 0 | 0.000438 | 0 | 0.005657 | 0 | 0.003019 |
| 0 | 0 | 0.000464 | 0 | 0.000368 | 0 | 0.004126 | 0 | 0.002172 |
| 0 | 0 | 0.000905 | 0.000058 | 0.000739 | 0.00039 | 0.00857 | 0.000221 | 0.004739 |
| 0 | 0 | 0.000957 | 0 | 0.000712 | 0 | 0.008608 | 0 | 0.004747 |
| 0 | 0 | 0.00105 | 0.000208 | 0.000672 | 0.00146 | 0.008792 | 0.000826 | 0.004838 |
| 0 | 0 | 0.001118 | 0.000026 | 0.000675 | 0.000171 | 0.009237 | 0.000097 | 0.005078 |
| 0 | 0 | 0.001142 | 0.000167 | 0.000618 | 0.001128 | 0.00901 | 0.000638 | 0.004943 |
| 0 | 0 | 0.001146 | 0.000071 | 0.000628 | 0.000514 | 0.009096 | 0.00029 | 0.004989 |
| 0 | 0 | 0.001177 | 0.000091 | 0.000622 | 0.000644 | 0.009182 | 0.000364 | 0.005039 |
| 0 | 0 | 0.001202 | 0.000142 | 0.000619 | 0.000734 | 0.009253 | 0.000415 | 0.00508 |
| 0 | 0 | 0.001236 | 0 | 0.000641 | 0 | 0.009444 | 0 | 0.005186 |
| 0 | 0 | 0.001287 | 0.000147 | 0.000634 | 0.000947 | 0.009578 | 0.000535 | 0.005253 |
| 0 | 0 | 0.001343 | 0.000181 | 0.000683 | 0.001091 | 0.009989 | 0.000617 | 0.005469 |
| 0 | 0 | 0.001439 | 0.000079 | 0.000784 | 0.000556 | 0.010729 | 0.000315 | 0.005866 |
| 0 | 0 | 0.00201 | 0.000073 | 0.000916 | 0.000528 | 0.013581 | 0.000298 | 0.007497 |
| 0 | 0.005958 | 0.001904 | 0.000338 | 0.001055 | 0.027378 | 0.013517 | 0.016343 | 0.007343 |

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| 0 | 0 | 0.002811 | 0.000046 | 0.001231 | 0.000164 | 0.018115 | 0.000093 | 0.009962 |
| 0 | 0 | 0.001868 | 0.000157 | 0.001298 | 0.001049 | 0.014149 | 0.000597 | 0.007495 |
| 0 | 0 | 0.001364 | 0.000048 | 0.001356 | 0.000307 | 0.012252 | 0.000173 | 0.006319 |
| 0 | 0 | 0.001095 | 0.000106 | 0.001316 | 0.000769 | 0.010929 | 0.000435 | 0.005557 |
| 0 | 0 | 0.000933 | 0.000158 | 0.001231 | 0.001016 | 0.009959 | 0.000575 | 0.005074 |
| 0 | 0 | 0.000825 | 0.000391 | 0.001073 | 0.001685 | 0.008942 | 0.000953 | 0.004586 |
| 0 | 0 | 0.000748 | 0.00015 | 0.000992 | 0.0009 | 0.008267 | 0.000509 | 0.004277 |
| 0 | 0 | 0.000691 | 0.000138 | 0.000871 | 0.000954 | 0.007537 | 0.000539 | 0.00392 |
| 0 | 0 | 0.000651 | 0.000147 | 0.000809 | 0.001023 | 0.007119 | 0.000579 | 0.003724 |
| 0 | 0 | 0.000621 | 0.000102 | 0.000765 | 0.000694 | 0.006808 | 0.000392 | 0.003576 |
| 0 | 0 | 0.0006 | 0.000089 | 0.00072 | 0.000613 | 0.006497 | 0.000347 | 0.003435 |
| 0 | 0 | 0.000583 | 0.000083 | 0.000699 | 0.000541 | 0.006307 | 0.000306 | 0.003377 |
| 0 | 0 | 0.000579 | 0.00028 | 0.000652 | 0.001656 | 0.006083 | 0.00098 | 0.003254 |
| 0 | 0 | 0.000643 | 0.000315 | 0.000593 | 0.001745 | 0.006159 | 0.001017 | 0.003295 |
| 0 | 0.001044 | 0.000605 | 0.000027 | 0.000545 | 0.005219 | 0.00573 | 0.002902 | 0.003052 |
| 0 | 0.000233 | 0.000725 | 0.000017 | 0.000458 | 0.001218 | 0.005846 | 0.000677 | 0.003111 |
| 0 | 0 | 0.00057 | 0 | 0.000408 | 0 | 0.004839 | 0 | 0.002551 |
| 0 | 0 | 0.001125 | 0.000265 | 0.000684 | 0.001879 | 0.009231 | 0.001072 | 0.00516 |
| 0 | 0.000458 | 0.001107 | 0.000362 | 0.000705 | 0.003563 | 0.009364 | 0.002003 | 0.005231 |
| 0 | 0.001223 | 0.001055 | 0.00018 | 0.000702 | 0.006772 | 0.008999 | 0.003797 | 0.005019 |
| 0 | 0.00118 | 0.001103 | 0.000032 | 0.000637 | 0.005941 | 0.008935 | 0.003328 | 0.004976 |
| 0 | 0.001167 | 0.001107 | 0.000077 | 0.000585 | 0.006177 | 0.008667 | 0.003462 | 0.004822 |
| 0 | 0.001173 | 0.001106 | 0 | 0.000582 | 0.005678 | 0.008642 | 0.003179 | 0.004807 |
| 0 | 0.001184 | 0.001133 | 0.000157 | 0.000552 | 0.006849 | 0.008531 | 0.003843 | 0.004744 |
| 0 | 0.001182 | 0.001158 | 0.000005 | 0.000576 | 0.005746 | 0.008773 | 0.003219 | 0.004879 |
| 0 | 0.00118 | 0.001192 | 0.000052 | 0.000565 | 0.006062 | 0.008773 | 0.003397 | 0.004873 |
| 0 | 0.001217 | 0.00124 | 0 | 0.000609 | 0.00589 | 0.009218 | 0.003298 | 0.005109 |
| 0 | 0.000945 | 0.001352 | 0.000131 | 0.000664 | 0.005522 | 0.009897 | 0.003098 | 0.005469 |
| 0 | 0 | 0.001603 | 0.000109 | 0.000803 | 0.000778 | 0.011599 | 0.00044 | 0.006383 |
| 0 | 0 | 0.001934 | 0.000158 | 0.000987 | 0.001082 | 0.013547 | 0.000612 | 0.007416 |
| 0 | 0.002351 | 0.002219 | 0.000102 | 0.001409 | 0.010881 | 0.016072 | 0.006493 | 0.008589 |
| 0 | 0.003744 | 0.00224 | 0.00138 | 0.00188 | 0.021677 | 0.017515 | 0.011639 | 0.0091 |
| 0 | 0 | 0.00231 | 0.000378 | 0.002542 | 0.002055 | 0.020323 | 0.000991 | 0.010135 |
| 0 | 0 | 0.001396 | 0.000081 | 0.002304 | 0.000522 | 0.015903 | 0.000295 | 0.00767 |
| 0 | 0 | 0.001087 | 0.000262 | 0.001745 | 0.001357 | 0.012528 | 0.000768 | 0.006142 |
| 0 | 0 | 0.000931 | 0.000218 | 0.001363 | 0.001172 | 0.010473 | 0.000663 | 0.005263 |
| 0 | 0 | 0.000833 | 0.000247 | 0.001136 | 0.001468 | 0.009135 | 0.000831 | 0.004689 |
| 0 | 0 | 0.000763 | 0.000206 | 0.001013 | 0.00101 | 0.008348 | 0.000572 | 0.004356 |
| 0 | 0 | 0.000707 | 0.000133 | 0.000944 | 0.000796 | 0.007763 | 0.000451 | 0.004098 |
| 0 | 0 | 0.000666 | 0.000126 | 0.000883 | 0.000898 | 0.007321 | 0.000508 | 0.003898 |
| 0 | 0 | 0.000635 | 0.000041 | 0.000821 | 0.00027 | 0.007014 | 0.000152 | 0.003757 |
| 0 | 0 | 0.000613 | 0.000263 | 0.000738 | 0.001378 | 0.006563 | 0.000796 | 0.003528 |
| 0 | 0 | 0.000595 | 0.00047 | 0.000682 | 0.002196 | 0.006283 | 0.001297 | 0.003392 |
| 0 | 0 | 0.000585 | 0.000088 | 0.000686 | 0.000539 | 0.006316 | 0.00032 | 0.003414 |
| 0 | 0 | 0.000606 | 0.000072 | 0.000594 | 0.000462 | 0.006021 | 0.000261 | 0.00323 |
| 0 | 0 | 0.000713 | 0 | 0.000549 | 0 | 0.006307 | 0 | 0.003368 |
| 0 | 0.000948 | 0.000626 | 0.000128 | 0.000499 | 0.004908 | 0.005616 | 0.002731 | 0.002971 |
| 0 | 0 | 0.000696 | 0.000034 | 0.000477 | 0.000183 | 0.005789 | 0.000104 | 0.003056 |
| 0 | 0 | 0.00049 | 0 | 0.0004 | 0 | 0.004505 | 0 | 0.002363 |
| 0 | 0.000811 | 0.001072 | 0.000579 | 0.000673 | 0.006687 | 0.009056 | 0.003765 | 0.00511 |

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|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 0 | 0 | 0.001108 | 0.000228 | 0.000698 | 0.001647 | 0.009286 | 0.000932 | 0.005239 |
| 0 | 0 | 0.00104 | 0.000009 | 0.000632 | 0.000001 | 0.00869 | 0 | 0.004904 |
| 0 | 0 | 0.001057 | 0.000108 | 0.000554 | 0.000708 | 0.008233 | 0.0004 | 0.004647 |
| 0 | 0 | 0.001064 | 0.000033 | 0.000534 | 0.000168 | 0.008134 | 0.000096 | 0.004591 |
| 0 | 0 | 0.001091 | 0.000095 | 0.00051 | 0.000624 | 0.008076 | 0.000353 | 0.004557 |
| 0 | 0 | 0.001112 | 0.000027 | 0.00052 | 0.000148 | 0.008196 | 0.000084 | 0.004621 |
| 0 | 0 | 0.001139 | 0.000061 | 0.000535 | 0.00044 | 0.008317 | 0.000249 | 0.00468 |
| 0 | 0 | 0.001207 | 0.000028 | 0.000587 | 0.000206 | 0.008878 | 0.000116 | 0.004979 |
| 0 | 0.00033 | 0.001335 | 0.00015 | 0.000659 | 0.002681 | 0.009746 | 0.001508 | 0.00544 |
| 0 | 0.001455 | 0.00148 | 0.000449 | 0.000749 | 0.009188 | 0.010757 | 0.005158 | 0.005961 |
| 0 | 0.00025 | 0.002156 | 0.000109 | 0.001036 | 0.00193 | 0.014827 | 0.001085 | 0.008133 |
| 0 | 0.000692 | 0.002604 | 0.000024 | 0.001879 | 0.002985 | 0.019416 | 0.001804 | 0.01018 |
| 0 | 0.004403 | 0.002156 | 0.005874 | 0.002637 | 0.03442 | 0.0207 | 0.016774 | 0.010125 |
| 0 | 0 | 0.002169 | 0.005636 | 0.003687 | 0.022649 | 0.023366 | 0.007988 | 0.011085 |
| 0 | 0 | 0.001335 | 0.001631 | 0.003329 | 0.00648 | 0.019458 | 0.002827 | 0.00878 |
| 0 | 0 | 0.001088 | 0.000084 | 0.002126 | 0.000543 | 0.014088 | 0.000307 | 0.006715 |
| 0 | 0 | 0.00096 | 0.000024 | 0.001365 | 0.000172 | 0.01066 | 0.000098 | 0.005352 |
| 0 | 0 | 0.000873 | 0.000138 | 0.001089 | 0.000763 | 0.009115 | 0.000432 | 0.00473 |
| 0 | 0 | 0.000805 | 0.000311 | 0.001038 | 0.001128 | 0.00847 | 0.000638 | 0.004497 |
| 0 | 0 | 0.000748 | 0.000598 | 0.001048 | 0.002101 | 0.008057 | 0.001189 | 0.004337 |
| 0 | 0 | 0.000701 | 0.000319 | 0.001012 | 0.001383 | 0.007694 | 0.000822 | 0.00417 |
| 0 | 0 | 0.000666 | 0.000188 | 0.000829 | 0.001344 | 0.007 | 0.000813 | 0.0038 |
| 0 | 0 | 0.00064 | 0.000311 | 0.000717 | 0.001202 | 0.006656 | 0.000716 | 0.003625 |
| 0 | 0 | 0.000618 | 0.000205 | 0.000682 | 0.001404 | 0.006367 | 0.000794 | 0.003473 |
| 0 | 0 | 0.000604 | 0.00019 | 0.000613 | 0.001215 | 0.006115 | 0.000688 | 0.003315 |
| 0 | 0 | 0.00061 | 0.000137 | 0.000571 | 0.000944 | 0.00596 | 0.000534 | 0.003203 |
| 0 | 0 | 0.000706 | 0.000206 | 0.000546 | 0.001303 | 0.006246 | 0.000737 | 0.00333 |
| 0 | 0.001001 | 0.000681 | 0.000178 | 0.000574 | 0.005282 | 0.006311 | 0.00294 | 0.003334 |
| 0 | 0 | 0.000752 | 0.00018 | 0.000568 | 0.001053 | 0.006581 | 0.000596 | 0.003451 |
| 0 | 0 | 0.00055 | 0 | 0.000523 | 0 | 0.005511 | 0 | 0.00286 |
| 0 | 0 | 0.000959 | 0.000511 | 0.000588 | 0.00367 | 0.007913 | 0.002089 | 0.004502 |
| 0 | 0 | 0.001005 | 0.000352 | 0.00063 | 0.002554 | 0.008527 | 0.001447 | 0.004867 |
| 0 | 0 | 0.001103 | 0.000286 | 0.000588 | 0.001609 | 0.008767 | 0.00091 | 0.005018 |
| 0 | 0 | 0.001159 | 0.000057 | 0.000564 | 0.000415 | 0.008757 | 0.000235 | 0.005018 |
| 0 | 0 | 0.001164 | 0 | 0.000518 | 0 | 0.008488 | 0 | 0.004864 |
| 0 | 0 | 0.001182 | 0 | 0.000499 | 0 | 0.008454 | 0 | 0.004842 |
| 0 | 0 | 0.001193 | 0.000075 | 0.000496 | 0.000543 | 0.008434 | 0.000307 | 0.004822 |
| 0 | 0 | 0.001211 | 0.000066 | 0.000539 | 0.000187 | 0.008729 | 0.000106 | 0.004976 |
| 0 | 0 | 0.001267 | 0.000273 | 0.000552 | 0.001252 | 0.008985 | 0.000709 | 0.005098 |
| 0 | 0 | 0.00142 | 0.000134 | 0.000642 | 0.00091 | 0.010058 | 0.000515 | 0.005671 |
| 0 | 0.000594 | 0.001666 | 0.000103 | 0.000748 | 0.003658 | 0.011584 | 0.002158 | 0.006457 |
| 0 | 0.00269 | 0.001931 | 0.000076 | 0.000991 | 0.013386 | 0.013586 | 0.007715 | 0.007443 |
| 0 | 0.005074 | 0.002115 | 0.000202 | 0.002011 | 0.023079 | 0.018331 | 0.013776 | 0.009284 |
| 0 | 0 | 0.00269 | 0.010162 | 0.002321 | 0.03785 | 0.021843 | 0.013311 | 0.011148 |
| 0 | 0 | 0.001653 | 0.007834 | 0.003697 | 0.0256 | 0.023253 | 0.009023 | 0.010487 |
| 0 | 0 | 0.001321 | 0.002101 | 0.003295 | 0.008766 | 0.019645 | 0.00309 | 0.008881 |
| 0 | 0 | 0.00117 | 0.000008 | 0.001984 | 0.000025 | 0.01437 | 0.000014 | 0.006882 |
| 0 | 0 | 0.001064 | 0.000075 | 0.001237 | 0.000443 | 0.010841 | 0.00025 | 0.005566 |
| 0 | 0 | 0.000966 | 0 | 0.001059 | 0 | 0.009606 | 0 | 0.00511 |
| 0 | 0 | 0.000889 | 0.000532 | 0.001038 | 0.001823 | 0.008836 | 0.001064 | 0.004783 |

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| 0 | 0 | 0.000824 | 0.001962 | 0.000949 | 0.00488 | 0.008182 | 0.002814 | 0.004464 |
| 0 | 0 | 0.000766 | 0.0001 | 0.001117 | 0.000662 | 0.008126 | 0.000387 | 0.004464 |
| 0 | 0 | 0.000723 | 0.000097 | 0.000771 | 0.000702 | 0.007058 | 0.000397 | 0.00387 |
| 0 | 0 | 0.00069 | 0.000161 | 0.000658 | 0.00112 | 0.006555 | 0.000634 | 0.003592 |
| 0 | 0 | 0.000662 | 0.000155 | 0.000607 | 0.001105 | 0.006316 | 0.000625 | 0.003453 |
| 0 | 0 | 0.000645 | 0.000167 | 0.000565 | 0.00121 | 0.006082 | 0.000684 | 0.003304 |
| 0 | 0 | 0.000643 | 0.000019 | 0.000564 | 0.000128 | 0.006143 | 0.000073 | 0.003307 |
| 0 | 0 | 0.000726 | 0.000145 | 0.000561 | 0.000896 | 0.006455 | 0.000507 | 0.003434 |
| 0 | 0.000892 | 0.000704 | 0.000192 | 0.000636 | 0.004845 | 0.006785 | 0.002698 | 0.003557 |
| 0 | 0 | 0.000817 | 0.000434 | 0.000694 | 0.00312 | 0.007427 | 0.001765 | 0.003828 |
| 0 | 0 | 0.000684 | 0.000081 | 0.000776 | 0.000563 | 0.007412 | 0.000306 | 0.003765 |
| 0 | 0 | 0.000585 | 0 | 0.000705 | 0 | 0.006639 | 0 | 0.003271 |
| 0 | 0 | 0.001029 | 0 | 0.000569 | 0 | 0.008202 | 0 | 0.004721 |
| 0 | 0.00076 | 0.001084 | 0.000328 | 0.000544 | 0.006037 | 0.008344 | 0.00354 | 0.004809 |
| 0 | 0.001227 | 0.001097 | 0.000113 | 0.000583 | 0.006746 | 0.008649 | 0.003998 | 0.004984 |
| 0 | 0.001277 | 0.001097 | 0.000176 | 0.000525 | 0.006921 | 0.008281 | 0.004105 | 0.00477 |
| 0 | 0.001297 | 0.001074 | 0.000094 | 0.000512 | 0.006801 | 0.008004 | 0.00404 | 0.004605 |
| 0 | 0.001311 | 0.001077 | 0 | 0.000508 | 0.006436 | 0.007991 | 0.003835 | 0.004589 |
| 0 | 0.001231 | 0.001088 | 0.000108 | 0.000501 | 0.00681 | 0.007964 | 0.004035 | 0.004563 |
| 0 | 0.001223 | 0.001097 | 0.000089 | 0.000536 | 0.006601 | 0.008129 | 0.003916 | 0.004639 |
| 0 | 0.001211 | 0.001143 | 0.000043 | 0.000571 | 0.005972 | 0.008501 | 0.003558 | 0.004825 |
| 0 | 0.001216 | 0.00122 | 0.00003 | 0.000621 | 0.006085 | 0.009009 | 0.003622 | 0.00507 |
| 0 | 0.000645 | 0.001442 | 0.000002 | 0.000731 | 0.003165 | 0.010482 | 0.001885 | 0.005839 |
| 0 | 0 | 0.00196 | 0 | 0.000957 | 0 | 0.013821 | 0 | 0.007595 |
| 0 | 0.003435 | 0.001944 | 0.00033 | 0.001507 | 0.018989 | 0.015824 | 0.010938 | 0.008233 |
| 0 | 0 | 0.002436 | 0.001325 | 0.0024 | 0.008562 | 0.021823 | 0.002997 | 0.010955 |
| 0 | 0 | 0.00183 | 0.005213 | 0.00218 | 0.024398 | 0.018379 | 0.008568 | 0.00902 |
| 0 | 0 | 0.001662 | 0.001157 | 0.002322 | 0.006446 | 0.018563 | 0.002273 | 0.008924 |
| 0 | 0 | 0.001556 | 0.000139 | 0.001503 | 0.000909 | 0.014632 | 0.000521 | 0.007462 |
| 0 | 0 | 0.001317 | 0.000372 | 0.001057 | 0.002506 | 0.011338 | 0.001468 | 0.006047 |
| 0 | 0 | 0.001146 | 0.000314 | 0.000951 | 0.002191 | 0.009963 | 0.001291 | 0.005424 |
| 0 | 0 | 0.001044 | 0.000235 | 0.000987 | 0.001705 | 0.009315 | 0.000983 | 0.005133 |
| 0 | 0 | 0.000952 | 0.001256 | 0.000871 | 0.003124 | 0.008489 | 0.001767 | 0.004694 |
| 0 | 0 | 0.00087 | 0.000176 | 0.000908 | 0.000875 | 0.008001 | 0.000495 | 0.004426 |
| 0 | 0 | 0.000811 | 0.000023 | 0.000719 | 0.000165 | 0.007302 | 0.000094 | 0.004034 |
| 0 | 0 | 0.00077 | 0.000083 | 0.000619 | 0.000573 | 0.006777 | 0.000325 | 0.003735 |
| 0 | 0 | 0.000732 | 0.000023 | 0.000574 | 0.000169 | 0.006512 | 0.000096 | 0.003574 |
| 0 | 0 | 0.000708 | 0.000078 | 0.00054 | 0.000566 | 0.006275 | 0.00032 | 0.00342 |
| 0 | 0 | 0.0007 | 0.000081 | 0.000539 | 0.000522 | 0.006286 | 0.000295 | 0.003391 |
| 0 | 0 | 0.000741 | 0.000098 | 0.000571 | 0.000685 | 0.006637 | 0.000387 | 0.003531 |
| 0 | 0.00004 | 0.000846 | 0.00031 | 0.000638 | 0.001492 | 0.007504 | 0.000842 | 0.003913 |
| 0 | 0.000937 | 0.000774 | 0.000503 | 0.000815 | 0.005805 | 0.008168 | 0.003239 | 0.004105 |
| 0 | 0 | 0.000936 | 0.001341 | 0.00094 | 0.006031 | 0.009562 | 0.003304 | 0.004581 |
| 0 | 0 | 0.000815 | 0.000579 | 0.001215 | 0.003479 | 0.010464 | 0.001273 | 0.004783 |
| 0 | 0 | 0.001056 | 0 | 0.000548 | 0 | 0.008047 | 0 | 0.004646 |
| 0 | 0.001315 | 0.001043 | 0.000007 | 0.000543 | 0.006455 | 0.008017 | 0.003846 | 0.004628 |
| 0 | 0.0007 | 0.001161 | 0.000286 | 0.000521 | 0.005409 | 0.008522 | 0.003173 | 0.00493 |
| 0 | 0 | 0.001106 | 0.000126 | 0.000568 | 0.00087 | 0.008576 | 0.000496 | 0.004951 |
| 0 | 0 | 0.00099 | 0.00008 | 0.000559 | 0.000562 | 0.007921 | 0.000318 | 0.004558 |
| 0 | 0 | 0.000951 | 0.000097 | 0.000524 | 0.000686 | 0.007483 | 0.000388 | 0.004297 |

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| 0 | 0 | 0.000952 | 0.000053 | 0.000522 | 0.000297 | 0.007463 | 0.000168 | 0.004275 |
| 0 | 0 | 0.000951 | 0.000139 | 0.000523 | 0.001002 | 0.007406 | 0.000567 | 0.004229 |
| 0 | 0 | 0.000963 | 0.000001 | 0.000564 | 0.000004 | 0.00768 | 0.000002 | 0.004367 |
| 0 | 0 | 0.000998 | 0.000089 | 0.00057 | 0.000586 | 0.007791 | 0.000332 | 0.004404 |
| 0 | 0 | 0.001058 | 0.000104 | 0.000626 | 0.000752 | 0.008316 | 0.000425 | 0.004663 |
| 0 | 0 | 0.001161 | 0.000154 | 0.000706 | 0.001009 | 0.009097 | 0.000571 | 0.005045 |
| 0 | 0 | 0.00153 | 0.000229 | 0.000834 | 0.001291 | 0.011409 | 0.00073 | 0.006268 |
| 0 | 0.002961 | 0.001702 | 0.000147 | 0.001093 | 0.015446 | 0.013373 | 0.009026 | 0.007161 |
| 0 | 0.003044 | 0.001952 | 0.000005 | 0.001382 | 0.01502 | 0.016097 | 0.00887 | 0.008399 |
| 0 | 0.000408 | 0.002313 | 0.000607 | 0.001468 | 0.007092 | 0.018126 | 0.003057 | 0.009565 |
| 0 | 0.00257 | 0.001849 | 0.000571 | 0.001286 | 0.015953 | 0.015382 | 0.008782 | 0.0081 |
| 0 | 0.000931 | 0.001965 | 0.000209 | 0.001102 | 0.00591 | 0.014817 | 0.003494 | 0.008037 |
| 0 | 0 | 0.00187 | 0.000001 | 0.001 | 0.000008 | 0.013684 | 0.000005 | 0.007594 |
| 0 | 0 | 0.001692 | 0.000263 | 0.000881 | 0.000996 | 0.012145 | 0.000564 | 0.006788 |
| 0 | 0 | 0.001444 | 0 | 0.000864 | 0 | 0.010807 | 0 | 0.006052 |
| 0 | 0 | 0.001192 | 0.000207 | 0.000777 | 0.000835 | 0.009204 | 0.000473 | 0.005141 |
| 0 | 0 | 0.001063 | 0.000186 | 0.000715 | 0.000931 | 0.008454 | 0.000526 | 0.004712 |
| 0 | 0 | 0.000987 | 0.000343 | 0.000642 | 0.001451 | 0.007912 | 0.000821 | 0.004403 |
| 0 | 0 | 0.000927 | 0.000054 | 0.000632 | 0.000393 | 0.007619 | 0.000223 | 0.00423 |
| 0 | 0 | 0.000869 | 0.000029 | 0.000572 | 0.000199 | 0.007154 | 0.000112 | 0.003953 |
| 0 | 0 | 0.000833 | 0.00012 | 0.000546 | 0.000854 | 0.0069 | 0.000483 | 0.003786 |
| 0 | 0 | 0.000821 | 0.000049 | 0.000558 | 0.000344 | 0.007012 | 0.000195 | 0.003812 |
| 0 | 0 | 0.000839 | 0.000091 | 0.000571 | 0.000617 | 0.007194 | 0.000349 | 0.003849 |
| 0 | 0 | 0.000945 | 0.000038 | 0.000659 | 0.000275 | 0.008201 | 0.000155 | 0.004281 |
| 0 | 0.00086 | 0.00102 | 0.000092 | 0.000871 | 0.004572 | 0.009817 | 0.002545 | 0.004832 |
| 0 | 0 | 0.001346 | 0.001217 | 0.001239 | 0.005789 | 0.013783 | 0.002627 | 0.006236 |
| 0 | 0.000936 | 0.001184 | 0.003913 | 0.001329 | 0.024671 | 0.013673 | 0.00872 | 0.00592 |
| 0 | 0 | 0.001166 | 0 | 0.001729 | 0 | 0.01564 | 0 | 0.006326 |
| 0 | 0 | 0.001027 | 0.000128 | 0.000549 | 0.000844 | 0.007856 | 0.000478 | 0.004543 |
| 0 | 0.00149 | 0.001017 | 0.000287 | 0.000516 | 0.008658 | 0.007667 | 0.005119 | 0.004431 |
| 0 | 0.000244 | 0.00124 | 0 | 0.000565 | 0.001196 | 0.009012 | 0.000713 | 0.005224 |
| 0 | 0 | 0.000998 | 0 | 0.000567 | 0 | 0.007976 | 0 | 0.004601 |
| 0 | 0 | 0.000848 | 0.000375 | 0.000542 | 0.002612 | 0.007123 | 0.00149 | 0.004092 |
| 0 | 0 | 0.000788 | 0.000144 | 0.000595 | 0.000929 | 0.0072 | 0.000525 | 0.004123 |
| 0 | 0 | 0.000751 | 0.000004 | 0.000572 | 0.000025 | 0.006788 | 0.000014 | 0.003877 |
| 0 | 0 | 0.000752 | 0.00004 | 0.00055 | 0.000282 | 0.006609 | 0.000159 | 0.003765 |
| 0 | 0 | 0.000755 | 0.00016 | 0.000539 | 0.001141 | 0.006538 | 0.000646 | 0.003711 |
| 0 | 0 | 0.000769 | 0.000078 | 0.000566 | 0.000568 | 0.006762 | 0.000322 | 0.003822 |
| 0 | 0 | 0.000804 | 0.000118 | 0.000582 | 0.000855 | 0.006984 | 0.000484 | 0.003927 |
| 0 | 0 | 0.000876 | 0.000204 | 0.000608 | 0.001177 | 0.007437 | 0.000665 | 0.004157 |
| 0 | 0 | 0.001024 | 0.000058 | 0.000679 | 0.000405 | 0.008424 | 0.00023 | 0.004679 |
| 0 | 0 | 0.001361 | 0.000151 | 0.000726 | 0.000952 | 0.010189 | 0.000538 | 0.005629 |
| 0 | 0.001232 | 0.00154 | 0.00011 | 0.000838 | 0.006656 | 0.011561 | 0.003745 | 0.006342 |
| 0 | 0 | 0.00204 | 0.000018 | 0.000926 | 0.000114 | 0.014521 | 0.000065 | 0.008006 |
| 0 | 0.0047 | 0.001547 | 0.000191 | 0.000927 | 0.024627 | 0.01216 | 0.014707 | 0.006609 |
| 0 | 0.000198 | 0.002388 | 0.000123 | 0.000928 | 0.001749 | 0.016202 | 0.00101 | 0.009102 |
| 0 | 0.002084 | 0.001653 | 0.000227 | 0.000891 | 0.01115 | 0.012157 | 0.006528 | 0.006773 |
| 0 | 0.002836 | 0.001662 | 0.000729 | 0.000789 | 0.015301 | 0.011804 | 0.008956 | 0.006616 |
| 0 | 0.002883 | 0.001632 | 0.000327 | 0.000798 | 0.014873 | 0.011444 | 0.008719 | 0.006444 |
| 0 | 0.000419 | 0.001849 | 0.000148 | 0.000711 | 0.00286 | 0.012164 | 0.001662 | 0.006896 |

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| 0 | 0 | 0.001667 | 0.000024 | 0.000666 | 0.000156 | 0.011227 | 0.000089 | 0.006356 |
| 0 | 0 | 0.001491 | 0.000087 | 0.000642 | 0.000613 | 0.010332 | 0.000347 | 0.005824 |
| 0 | 0 | 0.001326 | 0.000243 | 0.000621 | 0.001439 | 0.009487 | 0.000814 | 0.005328 |
| 0 | 0 | 0.001179 | 0.00016 | 0.000602 | 0.000835 | 0.008763 | 0.000473 | 0.004899 |
| 0 | 0 | 0.001096 | 0.000218 | 0.000556 | 0.000747 | 0.008236 | 0.000422 | 0.004581 |
| 0 | 0 | 0.001078 | 0.000173 | 0.000563 | 0.00122 | 0.008143 | 0.00069 | 0.004506 |
| 0 | 0 | 0.001041 | 0.000094 | 0.000575 | 0.000675 | 0.008165 | 0.000382 | 0.004476 |
| 0 | 0 | 0.001015 | 0.000113 | 0.00059 | 0.000821 | 0.00818 | 0.000465 | 0.004408 |
| 0 | 0 | 0.001162 | 0.000087 | 0.000659 | 0.00063 | 0.009387 | 0.000356 | 0.004945 |
| 0 | 0.001264 | 0.00125 | 0.000061 | 0.00086 | 0.006538 | 0.01128 | 0.003704 | 0.005515 |
| 0 | 0.002268 | 0.00129 | 0.000998 | 0.001249 | 0.021874 | 0.013212 | 0.007893 | 0.006191 |
| 0 | 0.001893 | 0.001367 | 0.005094 | 0.001155 | 0.035432 | 0.014631 | 0.012604 | 0.006251 |
| 0 | 0.001462 | 0.001246 | 0.001006 | 0.001615 | 0.016456 | 0.015888 | 0.005541 | 0.006483 |
| 0 | 0 | 0.000993 | 0.000055 | 0.000564 | 0.000383 | 0.007722 | 0.000217 | 0.004462 |
| 0 | 0.00085 | 0.001065 | 0.000005 | 0.00055 | 0.004194 | 0.007994 | 0.002499 | 0.004631 |
| 0 | 0.000829 | 0.001162 | 0.000017 | 0.000552 | 0.00419 | 0.008487 | 0.002493 | 0.00492 |
| 0 | 0 | 0.001049 | 0.000343 | 0.000515 | 0.001297 | 0.007871 | 0.000734 | 0.004554 |
| 0 | 0 | 0.000833 | 0.000081 | 0.000592 | 0.000556 | 0.007241 | 0.000314 | 0.004164 |
| 0 | 0 | 0.000752 | 0.000368 | 0.000579 | 0.002632 | 0.00687 | 0.0015 | 0.003937 |
| 0 | 0 | 0.000711 | 0.000182 | 0.000617 | 0.001242 | 0.006903 | 0.000703 | 0.003946 |
| 0 | 0 | 0.000679 | 0.00025 | 0.000582 | 0.001174 | 0.006428 | 0.000664 | 0.003664 |
| 0 | 0 | 0.000683 | 0.000097 | 0.000599 | 0.000559 | 0.006427 | 0.000316 | 0.003654 |
| 0 | 0 | 0.000689 | 0.000053 | 0.000581 | 0.000388 | 0.006433 | 0.00022 | 0.003647 |
| 0 | 0 | 0.000708 | 0.000101 | 0.000573 | 0.000702 | 0.006529 | 0.000397 | 0.003688 |
| 0 | 0 | 0.000753 | 0.000066 | 0.000587 | 0.000477 | 0.006838 | 0.00027 | 0.003848 |
| 0 | 0 | 0.000852 | 0.000162 | 0.000582 | 0.001034 | 0.007226 | 0.000585 | 0.00405 |
| 0 | 0 | 0.001078 | 0.000071 | 0.000614 | 0.00051 | 0.008411 | 0.000288 | 0.004696 |
| 0 | 0.001112 | 0.001164 | 0 | 0.000661 | 0.005396 | 0.00902 | 0.003034 | 0.005012 |
| 0 | 0.000219 | 0.001415 | 0.000122 | 0.000715 | 0.001568 | 0.010485 | 0.000883 | 0.005814 |
| 0 | 0 | 0.001561 | 0.000289 | 0.000738 | 0.001686 | 0.011343 | 0.000954 | 0.006354 |
| 0 | 0.002451 | 0.001567 | 0.000135 | 0.000766 | 0.013257 | 0.011467 | 0.008008 | 0.00646 |
| 0 | 0 | 0.001911 | 0.000463 | 0.000709 | 0.000803 | 0.012979 | 0.000455 | 0.007411 |
| 0 | 0 | 0.001641 | 0.000314 | 0.000742 | 0.001175 | 0.011449 | 0.000664 | 0.006492 |
| 0 | 0 | 0.001555 | 0.000112 | 0.000729 | 0.000768 | 0.010916 | 0.000435 | 0.006178 |
| 0 | 0 | 0.001627 | 0 | 0.000668 | 0 | 0.011081 | 0 | 0.006286 |
| 0 | 0.002969 | 0.00137 | 0.000053 | 0.000611 | 0.014577 | 0.00961 | 0.008561 | 0.005433 |
| 0 | 0.002208 | 0.001713 | 0.000098 | 0.000595 | 0.011269 | 0.011221 | 0.006608 | 0.006378 |
| 0 | 0.001659 | 0.001677 | 0.000156 | 0.000608 | 0.008479 | 0.011234 | 0.004973 | 0.006364 |
| 0 | 0.000687 | 0.001716 | 0.000118 | 0.000621 | 0.004118 | 0.011413 | 0.002402 | 0.006459 |
| 0 | 0 | 0.001754 | 0.000047 | 0.000611 | 0.00034 | 0.011565 | 0.000192 | 0.006541 |
| 0 | 0.000071 | 0.001746 | 0 | 0.000601 | 0.000343 | 0.011463 | 0.000201 | 0.006467 |
| 0 | 0.000539 | 0.001636 | 0.000113 | 0.000587 | 0.00339 | 0.010912 | 0.001975 | 0.006119 |
| 0 | 0 | 0.001507 | 0.000155 | 0.00059 | 0.000775 | 0.01048 | 0.000439 | 0.005817 |
| 0 | 0 | 0.001325 | 0.000087 | 0.000627 | 0.000572 | 0.009872 | 0.000324 | 0.00537 |
| 0 | 0.001082 | 0.001289 | 0.000229 | 0.000664 | 0.006908 | 0.009988 | 0.00395 | 0.005287 |
| 0 | 0.001103 | 0.001363 | 0.000201 | 0.000802 | 0.006652 | 0.011416 | 0.003806 | 0.00578 |
| 0 | 0 | 0.001372 | 0.000205 | 0.001046 | 0.001311 | 0.013225 | 0.000758 | 0.006191 |
| 0 | 0 | 0.001306 | 0.000541 | 0.001283 | 0.004025 | 0.014649 | 0.001522 | 0.006345 |
| 0 | 0.002422 | 0.001026 | 0.001426 | 0.001106 | 0.027674 | 0.012153 | 0.009604 | 0.005277 |
| 0 | 0 | 0.00129 | 0 | 0.001097 | 0 | 0.014473 | 0 | 0.005911 |

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| 0 | 0 | 0.001053 | 0.000239 | 0.000847 | 0.001203 | 0.009293 | 0.000681 | 0.005146 |
| 0 | 0.000407 | 0.001121 | 0.000036 | 0.000593 | 0.002218 | 0.00838 | 0.001315 | 0.004857 |
| 0 | 0.001046 | 0.001131 | 0.00003 | 0.000581 | 0.005338 | 0.008358 | 0.003175 | 0.00485 |
| 0 | 0 | 0.001129 | 0.000109 | 0.000547 | 0.000726 | 0.008262 | 0.00041 | 0.004791 |
| 0 | 0 | 0.000866 | 0.000043 | 0.000564 | 0.000262 | 0.007171 | 0.000148 | 0.004133 |
| 0 | 0 | 0.000759 | 0.000258 | 0.000564 | 0.001244 | 0.006815 | 0.000704 | 0.003914 |
| 0 | 0 | 0.000702 | 0.000373 | 0.000601 | 0.002667 | 0.00672 | 0.001521 | 0.003847 |
| 0 | 0 | 0.000669 | 0.000043 | 0.000642 | 0.000297 | 0.006829 | 0.000168 | 0.0039 |
| 0 | 0 | 0.000643 | 0.000427 | 0.000561 | 0.00129 | 0.006205 | 0.00073 | 0.003536 |
| 0 | 0 | 0.000648 | 0.00017 | 0.000617 | 0.000485 | 0.006405 | 0.000274 | 0.003642 |
| 0 | 0 | 0.000657 | 0.000168 | 0.000601 | 0.001122 | 0.006408 | 0.000635 | 0.003634 |
| 0 | 0 | 0.000683 | 0.000159 | 0.000597 | 0.00115 | 0.006589 | 0.00065 | 0.003726 |
| 0 | 0 | 0.000761 | 0.000083 | 0.000591 | 0.000531 | 0.006949 | 0.000301 | 0.003919 |
| 0 | 0 | 0.000953 | 0.000055 | 0.00059 | 0.000398 | 0.007807 | 0.000225 | 0.004391 |
| 0 | 0.000897 | 0.00105 | 0.000013 | 0.000608 | 0.004448 | 0.008326 | 0.002502 | 0.004669 |
| 0 | 0.000377 | 0.00122 | 0.000092 | 0.000615 | 0.002436 | 0.009134 | 0.001372 | 0.005107 |
| 0 | 0 | 0.001145 | 0.000179 | 0.000643 | 0.001222 | 0.008863 | 0.000691 | 0.004952 |
| 0 | 0 | 0.001243 | 0.000285 | 0.000644 | 0.001642 | 0.009399 | 0.000929 | 0.005305 |
| 0 | 0.000989 | 0.001414 | 0.000073 | 0.000653 | 0.005486 | 0.010247 | 0.003309 | 0.005847 |
| 0 | 0.001514 | 0.001498 | 0.000104 | 0.000631 | 0.008323 | 0.010446 | 0.005022 | 0.005985 |
| 0 | 0 | 0.001611 | 0.000042 | 0.000624 | 0.000289 | 0.011 | 0.000163 | 0.006316 |
| 0 | 0 | 0.00129 | 0.000127 | 0.000587 | 0.000846 | 0.009194 | 0.000479 | 0.005224 |
| 0 | 0 | 0.001294 | 0.000046 | 0.000588 | 0.000317 | 0.009241 | 0.000179 | 0.005245 |
| 0 | 0.000705 | 0.001366 | 0.000015 | 0.000583 | 0.003505 | 0.009579 | 0.002057 | 0.00544 |
| 0 | 0.000599 | 0.001488 | 0.000184 | 0.000563 | 0.004151 | 0.010042 | 0.002412 | 0.005707 |
| 0 | 0.001462 | 0.001433 | 0.000116 | 0.000606 | 0.007731 | 0.010067 | 0.004528 | 0.005688 |
| 0 | 0.002035 | 0.001522 | 0.000204 | 0.000602 | 0.010821 | 0.010469 | 0.006337 | 0.005907 |
| 0 | 0.003322 | 0.001512 | 0.00017 | 0.000627 | 0.016463 | 0.010566 | 0.00967 | 0.005953 |
| 0 | 0.003176 | 0.001668 | 0.000375 | 0.000609 | 0.015749 | 0.011394 | 0.009245 | 0.006427 |
| 0 | 0.003029 | 0.001601 | 0.000021 | 0.000662 | 0.014661 | 0.011177 | 0.008614 | 0.006267 |
| 0 | 0.000722 | 0.001768 | 0.000199 | 0.000607 | 0.004462 | 0.011834 | 0.002601 | 0.006601 |
| 0 | 0.000396 | 0.001688 | 0.000109 | 0.000652 | 0.002301 | 0.011721 | 0.001317 | 0.006449 |
| 0 | 0.001302 | 0.001448 | 0.000138 | 0.000678 | 0.006907 | 0.010801 | 0.003958 | 0.0058 |
| 0 | 0 | 0.001332 | 0.000215 | 0.000721 | 0.00156 | 0.010643 | 0.000882 | 0.005527 |
| 0 | 0 | 0.001037 | 0.000268 | 0.000808 | 0.001892 | 0.009988 | 0.001071 | 0.004895 |
| 0 | 0 | 0.001109 | 0.000296 | 0.000984 | 0.002029 | 0.011895 | 0.001179 | 0.005417 |
| 0 | 0.001233 | 0.00117 | 0.001774 | 0.001001 | 0.019354 | 0.012451 | 0.007462 | 0.00547 |
| 0 | 0.001 | 0.001147 | 0.000509 | 0.00122 | 0.009955 | 0.013529 | 0.003332 | 0.005777 |
| 0 | 0 | 0.001174 | 0.000101 | 0.000857 | 0.000664 | 0.009911 | 0.000376 | 0.005504 |
| 0 | 0 | 0.001075 | 0.000128 | 0.000699 | 0.000795 | 0.0087 | 0.00045 | 0.004935 |
| 0 | 0 | 0.001223 | 0.000038 | 0.00064 | 0.000248 | 0.009115 | 0.00014 | 0.005259 |
| 0 | 0.001403 | 0.001149 | 0.000377 | 0.000574 | 0.007996 | 0.008455 | 0.004731 | 0.004907 |
| 0 | 0 | 0.001277 | 0.000235 | 0.000589 | 0.001075 | 0.009089 | 0.000608 | 0.005288 |
| 0 | 0 | 0.000939 | 0 | 0.000577 | 0 | 0.007526 | 0 | 0.004349 |
| 0 | 0 | 0.000801 | 0.00013 | 0.00053 | 0.00072 | 0.006714 | 0.000407 | 0.003867 |
| 0 | 0 | 0.000724 | 0.000161 | 0.000565 | 0.000705 | 0.006666 | 0.000398 | 0.003826 |
| 0 | 0 | 0.000675 | 0.000499 | 0.000559 | 0.003346 | 0.006369 | 0.001904 | 0.003647 |
| 0 | 0 | 0.000646 | 0.000055 | 0.000635 | 0.000368 | 0.006733 | 0.000209 | 0.003845 |
| 0 | 0 | 0.000626 | 0.000037 | 0.000615 | 0.000265 | 0.006404 | 0.00015 | 0.003651 |
| 0 | 0 | 0.000634 | 0.000207 | 0.000589 | 0.001363 | 0.006287 | 0.000771 | 0.003578 |

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| 0 | 0 | 0.000648 | 0.000347 | 0.000581 | 0.002149 | 0.006343 | 0.001216 | 0.003602 |
| 0 | 0 | 0.000685 | 0.000166 | 0.000604 | 0.001104 | 0.006654 | 0.000625 | 0.003771 |
| 0 | 0 | 0.000822 | 0.000151 | 0.00058 | 0.001098 | 0.007152 | 0.000621 | 0.004042 |
| 0 | 0.001041 | 0.000916 | 0.000191 | 0.000586 | 0.006077 | 0.007669 | 0.003421 | 0.004324 |
| 0 | 0.000698 | 0.001125 | 0.000295 | 0.000586 | 0.005526 | 0.008565 | 0.003115 | 0.004818 |
| 0 | 0 | 0.001071 | 0.000006 | 0.000616 | 0.000041 | 0.008512 | 0.000023 | 0.004781 |
| 0 | 0 | 0.000952 | 0.000113 | 0.000577 | 0.000773 | 0.007621 | 0.000438 | 0.004282 |
| 0 | 0 | 0.001033 | 0.000045 | 0.000582 | 0.000283 | 0.008064 | 0.00016 | 0.004569 |
| 0 | 0 | 0.001346 | 0.000133 | 0.000547 | 0.00077 | 0.009429 | 0.000436 | 0.005424 |
| 0 | 0.002636 | 0.001311 | 0.000107 | 0.000549 | 0.013927 | 0.009219 | 0.008426 | 0.005299 |
| 0 | 0 | 0.001723 | 0 | 0.00055 | 0 | 0.011294 | 0 | 0.006547 |
| 0 | 0 | 0.001295 | 0.00003 | 0.000549 | 0.000207 | 0.009135 | 0.000117 | 0.005229 |
| 0 | 0 | 0.001171 | 0.000229 | 0.000537 | 0.001471 | 0.008429 | 0.000833 | 0.004798 |
| 0 | 0 | 0.001154 | 0.000073 | 0.000575 | 0.000525 | 0.00858 | 0.000297 | 0.004871 |
| 0 | 0 | 0.001159 | 0.000098 | 0.000575 | 0.000632 | 0.008577 | 0.000358 | 0.004856 |
| 0 | 0 | 0.001218 | 0.000186 | 0.00058 | 0.000925 | 0.008919 | 0.000523 | 0.005019 |
| 0 | 0 | 0.001301 | 0.000073 | 0.000609 | 0.000519 | 0.009442 | 0.000293 | 0.005303 |
| 0 | 0 | 0.001392 | 0.000193 | 0.000632 | 0.001375 | 0.010055 | 0.000809 | 0.005653 |
| 0 | 0 | 0.00141 | 0.000503 | 0.000661 | 0.003556 | 0.010325 | 0.002142 | 0.005788 |
| 0 | 0 | 0.001481 | 0 | 0.000761 | 0 | 0.011464 | 0 | 0.006434 |
| 0 | 0.001948 | 0.001389 | 0.000085 | 0.000698 | 0.009862 | 0.010606 | 0.005785 | 0.005866 |
| 0 | 0.003125 | 0.001421 | 0.000314 | 0.000643 | 0.015836 | 0.010491 | 0.009151 | 0.005742 |
| 0 | 0 | 0.00163 | 0.000132 | 0.000664 | 0.000956 | 0.011456 | 0.00054 | 0.00621 |
| 0 | 0 | 0.001064 | 0.000025 | 0.000681 | 0.000179 | 0.009077 | 0.000102 | 0.004718 |
| 0 | 0 | 0.000963 | 0.000156 | 0.000707 | 0.00104 | 0.00889 | 0.000588 | 0.004459 |
| 0 | 0.000148 | 0.001081 | 0.000164 | 0.000851 | 0.00181 | 0.010577 | 0.001019 | 0.005035 |
| 0 | 0.001705 | 0.001047 | 0.001369 | 0.000993 | 0.017299 | 0.011307 | 0.007154 | 0.005134 |
| 0 | 0.000722 | 0.001192 | 0.002665 | 0.000982 | 0.018556 | 0.012141 | 0.00642 | 0.005404 |
| 0 | 0 | 0.001429 | 0.000073 | 0.000901 | 0.000532 | 0.011338 | 0.000301 | 0.006334 |
| 0 | 0 | 0.001382 | 0.000027 | 0.000747 | 0.000187 | 0.01034 | 0.000106 | 0.005907 |
| 0 | 0.000868 | 0.001366 | 0.000161 | 0.000634 | 0.005106 | 0.009718 | 0.003017 | 0.005624 |
| 0 | 0.000786 | 0.001331 | 0.000048 | 0.000622 | 0.004104 | 0.009493 | 0.002438 | 0.005524 |
| 0 | 0 | 0.001126 | 0.000116 | 0.000586 | 0.000813 | 0.008394 | 0.00046 | 0.004875 |
| 0 | 0 | 0.000883 | 0.000072 | 0.000567 | 0.000495 | 0.007263 | 0.00028 | 0.004194 |
| 0 | 0 | 0.000775 | 0.000078 | 0.000535 | 0.00055 | 0.00664 | 0.000311 | 0.003823 |
| 0 | 0 | 0.000707 | 0 | 0.000546 | 0 | 0.006473 | 0 | 0.003717 |
| 0 | 0 | 0.000664 | 0.000207 | 0.000569 | 0.001481 | 0.006415 | 0.000843 | 0.003675 |
| 0 | 0 | 0.000639 | 0.000435 | 0.000586 | 0.002541 | 0.006483 | 0.001445 | 0.003706 |
| 0 | 0 | 0.000625 | 0.000174 | 0.000628 | 0.001249 | 0.006596 | 0.000707 | 0.003764 |
| 0 | 0 | 0.000639 | 0.000045 | 0.00061 | 0.000324 | 0.006525 | 0.000183 | 0.003718 |
| 0 | 0 | 0.000661 | 0.000137 | 0.000603 | 0.000876 | 0.006497 | 0.000496 | 0.003696 |
| 0 | 0 | 0.000719 | 0.000111 | 0.000603 | 0.000776 | 0.006742 | 0.00044 | 0.003827 |
| 0 | 0 | 0.000902 | 0.000027 | 0.00059 | 0.000193 | 0.007592 | 0.000109 | 0.004298 |
| 0 | 0.001073 | 0.000949 | 0.000251 | 0.000563 | 0.007015 | 0.007606 | 0.003951 | 0.004298 |
| 0 | 0 | 0.001097 | 0.000191 | 0.000589 | 0.001386 | 0.008488 | 0.000784 | 0.004788 |
| 0 | 0 | 0.00089 | 0 | 0.000582 | 0 | 0.007449 | 0 | 0.004198 |
| 0 | 0 | 0.000854 | 0.000033 | 0.000549 | 0.000241 | 0.007041 | 0.000136 | 0.003975 |
| 0 | 0 | 0.000916 | 0 | 0.000542 | 0 | 0.007325 | 0 | 0.004165 |
| 0 | 0 | 0.001169 | 0.000074 | 0.000522 | 0.000538 | 0.008458 | 0.000305 | 0.00487 |
| 0 | 0.002198 | 0.00125 | 0 | 0.000533 | 0.011025 | 0.008906 | 0.006693 | 0.005137 |

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| 0 | 0.000991 | 0.001596 | 0.000052 | 0.000528 | 0.005346 | 0.010554 | 0.00323 | 0.006128 |
| 0 | 0 | 0.001475 | 0.000016 | 0.000551 | 0.000117 | 0.010086 | 0.000067 | 0.005828 |
| 0 | 0 | 0.001176 | 0.000105 | 0.000552 | 0.000751 | 0.008592 | 0.000425 | 0.004914 |
| 0 | 0 | 0.00108 | 0.000105 | 0.000567 | 0.000742 | 0.008206 | 0.00042 | 0.004667 |
| 0 | 0 | 0.001036 | 0.000185 | 0.000566 | 0.000955 | 0.00798 | 0.00054 | 0.00451 |
| 0 | 0 | 0.001028 | 0.000071 | 0.0006 | 0.000342 | 0.008119 | 0.000194 | 0.00454 |
| 0 | 0 | 0.001031 | 0 | 0.000616 | 0 | 0.008252 | 0 | 0.00459 |
| 0 | 0 | 0.001045 | 0.000083 | 0.000657 | 0.000581 | 0.008569 | 0.000329 | 0.004764 |
| 0 | 0 | 0.001061 | 0.000641 | 0.000659 | 0.003291 | 0.008857 | 0.001966 | 0.004907 |
| 0 | 0 | 0.00118 | 0.000847 | 0.000681 | 0.006122 | 0.009397 | 0.003608 | 0.005191 |
| 0 | 0.000561 | 0.001369 | 0.000224 | 0.000733 | 0.004304 | 0.010805 | 0.002453 | 0.005968 |
| 0 | 0.00083 | 0.001422 | 0.000181 | 0.000653 | 0.004807 | 0.010492 | 0.002705 | 0.005726 |
| 0 | 0 | 0.001246 | 0.000009 | 0.000651 | 0.000066 | 0.009586 | 0.000037 | 0.005132 |
| 0 | 0 | 0.001009 | 0.000061 | 0.000646 | 0.000429 | 0.008482 | 0.000243 | 0.004418 |
| 0 | 0 | 0.001027 | 0.000128 | 0.000662 | 0.000929 | 0.008743 | 0.000525 | 0.004468 |
| 0 | 0.000739 | 0.001031 | 0.00012 | 0.000727 | 0.004309 | 0.009285 | 0.002414 | 0.004592 |
| 0 | 0.000015 | 0.001256 | 0.000224 | 0.000924 | 0.001343 | 0.011659 | 0.000681 | 0.005501 |
| 0 | 0.001457 | 0.000945 | 0.002108 | 0.00078 | 0.021123 | 0.009115 | 0.008007 | 0.004349 |
| 0 | 0 | 0.000985 | 0.00008 | 0.000908 | 0.000659 | 0.010306 | 0.000232 | 0.004668 |
| 0 | 0 | 0.002142 | 0.000074 | 0.001027 | 0.000489 | 0.015085 | 0.000277 | 0.008553 |
| 0 | 0.000959 | 0.001703 | 0.000094 | 0.000854 | 0.005319 | 0.012068 | 0.003151 | 0.006932 |
| 0 | 0.001015 | 0.001526 | 0.000028 | 0.000691 | 0.005115 | 0.010695 | 0.003044 | 0.006202 |
| 0 | 0 | 0.001356 | 0 | 0.000625 | 0 | 0.009665 | 0 | 0.005627 |
| 0 | 0 | 0.001016 | 0.000192 | 0.000589 | 0.001316 | 0.007916 | 0.000744 | 0.004591 |
| 0 | 0 | 0.000866 | 0.000124 | 0.000585 | 0.00085 | 0.007307 | 0.000481 | 0.004218 |
| 0 | 0 | 0.000774 | 0.000009 | 0.000561 | 0.000068 | 0.006815 | 0.000038 | 0.003924 |
| 0 | 0 | 0.00071 | 0 | 0.000546 | 0 | 0.006484 | 0 | 0.003726 |
| 0 | 0 | 0.000671 | 0.000087 | 0.000582 | 0.00062 | 0.006544 | 0.000351 | 0.003753 |
| 0 | 0 | 0.000646 | 0.000586 | 0.000563 | 0.004099 | 0.006314 | 0.002331 | 0.003615 |
| 0 | 0 | 0.000634 | 0.000102 | 0.000646 | 0.000736 | 0.006798 | 0.000416 | 0.003885 |
| 0 | 0 | 0.000654 | 0.000123 | 0.00059 | 0.000845 | 0.00641 | 0.000478 | 0.00366 |
| 0 | 0 | 0.000694 | 0.000482 | 0.00055 | 0.00213 | 0.006403 | 0.001206 | 0.003649 |
| 0 | 0 | 0.000814 | 0.000182 | 0.000606 | 0.001168 | 0.007119 | 0.00066 | 0.004045 |
| 0 | 0.000719 | 0.000899 | 0.000071 | 0.000592 | 0.003825 | 0.007471 | 0.002152 | 0.004237 |
| 0 | 0.000577 | 0.001008 | 0.000055 | 0.000598 | 0.003038 | 0.008025 | 0.001709 | 0.004543 |
| 0 | 0 | 0.000928 | 0.000166 | 0.000572 | 0.001202 | 0.007503 | 0.00068 | 0.004245 |
| 0 | 0 | 0.000807 | 0.000074 | 0.000562 | 0.00054 | 0.006913 | 0.000306 | 0.003911 |
| 0 | 0 | 0.000793 | 0.000087 | 0.000542 | 0.000634 | 0.006717 | 0.000359 | 0.003808 |
| 0 | 0 | 0.000838 | 0.000166 | 0.000523 | 0.001115 | 0.006829 | 0.000631 | 0.003894 |
| 0 | 0 | 0.000971 | 0.000094 | 0.00053 | 0.000679 | 0.007535 | 0.000384 | 0.004329 |
| 0 | 0 | 0.001311 | 0.000051 | 0.000534 | 0.000376 | 0.00921 | 0.000213 | 0.005342 |
| 0 | 0.002773 | 0.0012 | 0.00025 | 0.000511 | 0.015069 | 0.008537 | 0.0091 | 0.004924 |
| 0 | 0 | 0.001721 | 0.000115 | 0.000542 | 0.000818 | 0.011256 | 0.000463 | 0.006558 |
| 0 | 0 | 0.001331 | 0.000125 | 0.00054 | 0.000874 | 0.009331 | 0.000495 | 0.005382 |
| 0 | 0 | 0.001126 | 0.000197 | 0.000546 | 0.001329 | 0.008338 | 0.000752 | 0.004767 |
| 0 | 0 | 0.001042 | 0.00005 | 0.000595 | 0.000366 | 0.008211 | 0.000207 | 0.00465 |
| 0 | 0 | 0.001007 | 0.000129 | 0.000614 | 0.000937 | 0.008106 | 0.00053 | 0.004525 |
| 0 | 0 | 0.000985 | 0.000221 | 0.000632 | 0.001431 | 0.008063 | 0.00081 | 0.004468 |
| 0 | 0 | 0.000982 | 0.00014 | 0.00066 | 0.000949 | 0.00821 | 0.000536 | 0.004535 |
| 0 | 0 | 0.000992 | 0.000074 | 0.000676 | 0.000442 | 0.00847 | 0.00025 | 0.004663 |

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| 0 | 0 | 0.001124 | 0.000252 | 0.000669 | 0.001786 | 0.009109 | 0.00101 | 0.005 |
| 0 | 0.001256 | 0.001131 | 0.000112 | 0.000679 | 0.006973 | 0.009185 | 0.003953 | 0.005001 |
| 0 | 0 | 0.001346 | 0.000027 | 0.000671 | 0.000171 | 0.010127 | 0.000097 | 0.005487 |
| 0 | 0 | 0.001104 | 0.00015 | 0.000643 | 0.001073 | 0.008748 | 0.000607 | 0.004653 |
| 0 | 0 | 0.00107 | 0.000099 | 0.000664 | 0.000639 | 0.008733 | 0.000362 | 0.00458 |
| 0 | 0.000358 | 0.001061 | 0.000027 | 0.000666 | 0.001917 | 0.008759 | 0.001073 | 0.004539 |
| 0 | 0.00057 | 0.001076 | 0.000099 | 0.000665 | 0.003061 | 0.008977 | 0.001713 | 0.004583 |
| 0 | 0.000548 | 0.001083 | 0.000124 | 0.000717 | 0.003569 | 0.009341 | 0.001981 | 0.004659 |
| 0 | 0.000644 | 0.001007 | 0.000089 | 0.000752 | 0.00375 | 0.009293 | 0.002077 | 0.004523 |
| 0 | 0 | 0.000844 | 0.000193 | 0.000609 | 0.001318 | 0.007584 | 0.000716 | 0.003742 |
| 0 | 0 | 0.000627 | 0 | 0.000529 | 0 | 0.006027 | 0 | 0.002982 |
| 0 | 0.003912 | 0.002295 | 0.000255 | 0.001125 | 0.020604 | 0.016217 | 0.012275 | 0.009079 |
| 0 | 0.002791 | 0.002209 | 0.001327 | 0.000992 | 0.016613 | 0.01527 | 0.009835 | 0.00866 |
| 0 | 0.00062 | 0.002166 | 0.000098 | 0.001011 | 0.003652 | 0.014624 | 0.002158 | 0.008446 |
| 0 | 0 | 0.001821 | 0.00004 | 0.000713 | 0.000197 | 0.01219 | 0.000111 | 0.007092 |
| 0 | 0 | 0.001329 | 0.000149 | 0.000619 | 0.001052 | 0.009487 | 0.000595 | 0.005524 |
| 0 | 0 | 0.00104 | 0.000159 | 0.000608 | 0.001098 | 0.008158 | 0.000621 | 0.004732 |
| 0 | 0 | 0.000899 | 0.000191 | 0.000576 | 0.001267 | 0.007403 | 0.000717 | 0.00428 |
| 0 | 0 | 0.000803 | 0.000131 | 0.000555 | 0.000905 | 0.006894 | 0.000512 | 0.003976 |
| 0 | 0 | 0.00074 | 0.000272 | 0.000522 | 0.001546 | 0.006488 | 0.000874 | 0.003736 |
| 0 | 0 | 0.000698 | 0.000018 | 0.000592 | 0.00013 | 0.006728 | 0.000074 | 0.003864 |
| 0 | 0 | 0.00067 | 0.000383 | 0.000568 | 0.002687 | 0.00646 | 0.001531 | 0.003704 |
| 0 | 0 | 0.000654 | 0.000209 | 0.000589 | 0.001025 | 0.006565 | 0.00058 | 0.00376 |
| 0 | 0 | 0.000679 | 0 | 0.000574 | 0 | 0.006428 | 0 | 0.003676 |
| 0 | 0 | 0.000764 | 0.000134 | 0.000548 | 0.000909 | 0.006626 | 0.000515 | 0.00378 |
| 0 | 0.000483 | 0.000875 | 0.000127 | 0.000565 | 0.003132 | 0.00721 | 0.001764 | 0.004103 |
| 0 | 0.000852 | 0.000946 | 0.00035 | 0.000543 | 0.005057 | 0.007494 | 0.002847 | 0.004257 |
| 0 | 0 | 0.000972 | 0.000257 | 0.000572 | 0.001495 | 0.007608 | 0.000846 | 0.004316 |
| 0 | 0 | 0.000808 | 0.000161 | 0.00057 | 0.001108 | 0.006914 | 0.000627 | 0.003922 |
| 0 | 0 | 0.000761 | 0.000072 | 0.000552 | 0.000523 | 0.006611 | 0.000296 | 0.003752 |
| 0 | 0 | 0.000753 | 0.00012 | 0.000529 | 0.000765 | 0.006423 | 0.000433 | 0.003654 |
| 0 | 0 | 0.000781 | 0.000052 | 0.000538 | 0.000377 | 0.006612 | 0.000214 | 0.003777 |
| 0 | 0 | 0.000854 | 0.000201 | 0.000512 | 0.001277 | 0.006831 | 0.000723 | 0.003922 |
| 0 | 0 | 0.001045 | 0.000034 | 0.000539 | 0.000245 | 0.007922 | 0.000139 | 0.004571 |
| 0 | 0.001051 | 0.00127 | 0.00006 | 0.000522 | 0.005701 | 0.008907 | 0.003442 | 0.00516 |
| 0 | 0.00246 | 0.001294 | 0.000063 | 0.000519 | 0.012591 | 0.009044 | 0.007633 | 0.005231 |
| 0 | 0 | 0.001701 | 0.000013 | 0.000544 | 0.000091 | 0.011199 | 0.000051 | 0.006527 |
| 0 | 0 | 0.001359 | 0.000112 | 0.000565 | 0.000782 | 0.009599 | 0.000443 | 0.005539 |
| 0 | 0 | 0.001142 | 0.000198 | 0.000584 | 0.001374 | 0.008611 | 0.000777 | 0.004905 |
| 0 | 0 | 0.001069 | 0.000184 | 0.000633 | 0.001122 | 0.008512 | 0.000635 | 0.004769 |
| 0 | 0 | 0.001017 | 0.000331 | 0.000631 | 0.00119 | 0.00828 | 0.000673 | 0.004599 |
| 0 | 0 | 0.000999 | 0.000001 | 0.000667 | 0.000008 | 0.008264 | 0.000005 | 0.004565 |
| 0 | 0 | 0.001007 | 0.000037 | 0.000632 | 0.000264 | 0.008184 | 0.000149 | 0.004491 |
| 0 | 0 | 0.001141 | 0.000048 | 0.000657 | 0.000345 | 0.008946 | 0.000195 | 0.004893 |
| 0 | 0.000946 | 0.001184 | 0.000287 | 0.000643 | 0.006086 | 0.009038 | 0.003427 | 0.004912 |
| 0 | 0 | 0.001322 | 0.000132 | 0.000699 | 0.000926 | 0.009877 | 0.000523 | 0.005345 |
| 0 | 0 | 0.00119 | 0.000075 | 0.000706 | 0.000532 | 0.009293 | 0.000301 | 0.004974 |
| 0 | 0.000849 | 0.001042 | 0.00008 | 0.000698 | 0.004444 | 0.008617 | 0.002486 | 0.004549 |
| 0 | 0.000245 | 0.0011 | 0.000048 | 0.000682 | 0.0013 | 0.008932 | 0.000728 | 0.004693 |
| 0 | 0 | 0.001073 | 0.000169 | 0.000644 | 0.001154 | 0.00867 | 0.000653 | 0.004512 |

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| 0 | 0.001078 | 0.000932 | 0.000105 | 0.000649 | 0.005996 | 0.008112 | 0.003319 | 0.004172 |
| 0 | 0 | 0.001023 | 0.000046 | 0.00063 | 0.000322 | 0.008443 | 0.000182 | 0.004362 |
| 0 | 0 | 0.000735 | 0.000205 | 0.000556 | 0.001144 | 0.006619 | 0.000647 | 0.00337 |
| 0 | 0 | 0.000604 | 0.000009 | 0.000517 | 0.000064 | 0.005736 | 0.000036 | 0.002899 |
| 0 | 0 | 0.001987 | 0.000381 | 0.001112 | 0.002316 | 0.01457 | 0.001318 | 0.00809 |
| 0 | 0.001386 | 0.001776 | 0.001203 | 0.001008 | 0.009544 | 0.013278 | 0.005607 | 0.007464 |
| 0 | 0.003582 | 0.001482 | 0.000041 | 0.000974 | 0.017205 | 0.011443 | 0.010252 | 0.006547 |
| 0 | 0.00158 | 0.001764 | 0.000176 | 0.000692 | 0.008607 | 0.011854 | 0.005098 | 0.006894 |
| 0 | 0 | 0.001651 | 0.000036 | 0.00066 | 0.000226 | 0.011304 | 0.000128 | 0.006601 |
| 0 | 0 | 0.001274 | 0.000124 | 0.000619 | 0.000797 | 0.009332 | 0.000451 | 0.005433 |
| 0 | 0 | 0.001012 | 0.000016 | 0.000607 | 0.000104 | 0.008113 | 0.000059 | 0.004701 |
| 0 | 0 | 0.000899 | 0.000044 | 0.000562 | 0.000247 | 0.007387 | 0.00014 | 0.004273 |
| 0 | 0 | 0.000829 | 0.000036 | 0.000561 | 0.000261 | 0.0071 | 0.000148 | 0.004098 |
| 0 | 0 | 0.000764 | 0.000068 | 0.000583 | 0.000493 | 0.006944 | 0.000279 | 0.003999 |
| 0 | 0 | 0.00072 | 0.000342 | 0.000572 | 0.002425 | 0.006671 | 0.001384 | 0.003835 |
| 0 | 0 | 0.000699 | 0.000029 | 0.000593 | 0.000215 | 0.00674 | 0.000122 | 0.003868 |
| 0 | 0 | 0.000719 | 0 | 0.000541 | 0 | 0.006444 | 0 | 0.003693 |
| 0 | 0 | 0.000828 | 0.000081 | 0.000528 | 0.000555 | 0.006853 | 0.000314 | 0.003915 |
| 0 | 0.0012 | 0.000823 | 0.000096 | 0.000532 | 0.006356 | 0.006816 | 0.003576 | 0.003888 |
| 0 | 0 | 0.001069 | 0.000013 | 0.000554 | 0.000095 | 0.008058 | 0.000053 | 0.004581 |
| 0 | 0 | 0.000877 | 0.000136 | 0.000538 | 0.000837 | 0.007055 | 0.000473 | 0.004012 |
| 0 | 0 | 0.000785 | 0.000119 | 0.000542 | 0.000847 | 0.006621 | 0.000479 | 0.003766 |
| 0 | 0 | 0.000744 | 0.000068 | 0.000542 | 0.000478 | 0.006422 | 0.00027 | 0.003655 |
| 0 | 0 | 0.000734 | 0.000031 | 0.000545 | 0.000131 | 0.006389 | 0.000075 | 0.003644 |
| 0 | 0 | 0.000749 | 0.000045 | 0.000539 | 0.000324 | 0.006435 | 0.000183 | 0.003683 |
| 0 | 0 | 0.000792 | 0.000149 | 0.000531 | 0.001055 | 0.0066 | 0.000597 | 0.003789 |
| 0 | 0 | 0.000888 | 0.000011 | 0.000547 | 0.000048 | 0.007168 | 0.000027 | 0.004122 |
| 0 | 0 | 0.001096 | 0.000018 | 0.000533 | 0.000134 | 0.008093 | 0.000076 | 0.004673 |
| 0 | 0.000795 | 0.001305 | 0.000043 | 0.000529 | 0.004287 | 0.009123 | 0.00259 | 0.005287 |
| 0 | 0.002995 | 0.001213 | 0.000106 | 0.000541 | 0.01564 | 0.00873 | 0.009469 | 0.005039 |
| 0 | 0.000118 | 0.001756 | 0.000385 | 0.00053 | 0.002665 | 0.011382 | 0.001532 | 0.006638 |
| 0 | 0 | 0.001473 | 0.000002 | 0.000618 | 0 | 0.010442 | 0 | 0.006016 |
| 0 | 0 | 0.001253 | 0.000246 | 0.0006 | 0.00135 | 0.009258 | 0.000763 | 0.005232 |
| 0 | 0 | 0.001113 | 0.000099 | 0.000642 | 0.000717 | 0.008725 | 0.000405 | 0.00487 |
| 0 | 0 | 0.001078 | 0.000109 | 0.000627 | 0.000758 | 0.00844 | 0.000429 | 0.004675 |
| 0 | 0 | 0.001097 | 0.00018 | 0.000644 | 0.001141 | 0.008521 | 0.000645 | 0.004687 |
| 0 | 0 | 0.001269 | 0.000041 | 0.000733 | 0.000297 | 0.009589 | 0.000168 | 0.005257 |
| 0 | 0.001017 | 0.001381 | 0.000045 | 0.000817 | 0.005165 | 0.010206 | 0.002905 | 0.005571 |
| 0 | 0 | 0.001557 | 0.000082 | 0.000863 | 0.000522 | 0.011165 | 0.000295 | 0.00608 |
| 0 | 0.000566 | 0.001222 | 0.000028 | 0.000852 | 0.00281 | 0.009875 | 0.001571 | 0.005335 |
| 0 | 0.000184 | 0.001141 | 0.000122 | 0.000798 | 0.001727 | 0.00951 | 0.000971 | 0.005099 |
| 0 | 0 | 0.000995 | 0.000093 | 0.00073 | 0.00059 | 0.008671 | 0.000334 | 0.0046 |
| 0 | 0 | 0.000986 | 0.000049 | 0.000694 | 0.000343 | 0.008468 | 0.000194 | 0.004457 |
| 0 | 0.001055 | 0.000907 | 0.000146 | 0.000682 | 0.00588 | 0.007945 | 0.003254 | 0.00415 |
| 0 | 0 | 0.000975 | 0.000167 | 0.000646 | 0.00113 | 0.008033 | 0.000639 | 0.0042 |
| 0 | 0 | 0.000714 | 0.000021 | 0.000601 | 0.000099 | 0.00667 | 0.000056 | 0.003444 |
| 0 | 0 | 0.000599 | 0.000104 | 0.000534 | 0.000705 | 0.005711 | 0.000398 | 0.002908 |
| 0 | 0 | 0.00052 | 0 | 0.000496 | 0 | 0.005137 | 0 | 0.002595 |
| 0 | 0 | 0.001356 | 0.00047 | 0.000974 | 0.003088 | 0.010977 | 0.00176 | 0.006098 |
| 0 | 0.000059 | 0.001364 | 0.000047 | 0.000852 | 0.000535 | 0.010789 | 0.000311 | 0.006162 |

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| 0 | 0.00146 | 0.001299 | 0.000166 | 0.000676 | 0.007978 | 0.009688 | 0.004725 | 0.005605 |
| 0 | 0.003167 | 0.001174 | 0.00017 | 0.000635 | 0.01603 | 0.008928 | 0.009527 | 0.00519 |
| 0 | 0.000249 | 0.001592 | 0.0003 | 0.000602 | 0.003111 | 0.01074 | 0.001796 | 0.006279 |
| 0 | 0 | 0.001407 | 0.000093 | 0.000606 | 0.000552 | 0.009995 | 0.000312 | 0.005826 |
| 0 | 0 | 0.001279 | 0.000134 | 0.000564 | 0.000938 | 0.009202 | 0.00053 | 0.005358 |
| 0 | 0 | 0.00107 | 0.000097 | 0.000577 | 0.000686 | 0.008335 | 0.000388 | 0.004836 |
| 0 | 0 | 0.000899 | 0.000197 | 0.000599 | 0.00089 | 0.0077 | 0.000503 | 0.00445 |
| 0 | 0 | 0.000833 | 0.000312 | 0.0006 | 0.002242 | 0.007326 | 0.00128 | 0.004225 |
| 0 | 0 | 0.00079 | 0 | 0.000606 | 0 | 0.007246 | 0 | 0.004171 |
| 0 | 0 | 0.000778 | 0.000093 | 0.000547 | 0.000636 | 0.006738 | 0.00036 | 0.003872 |
| 0 | 0 | 0.000831 | 0.000084 | 0.000543 | 0.000597 | 0.00696 | 0.000338 | 0.003986 |
| 0 | 0.000493 | 0.000898 | 0.000007 | 0.000539 | 0.002449 | 0.007243 | 0.001378 | 0.004137 |
| 0 | 0.000725 | 0.000922 | 0.000091 | 0.000523 | 0.00416 | 0.007202 | 0.002342 | 0.004107 |
| 0 | 0 | 0.000961 | 0.000016 | 0.000556 | 0.000106 | 0.007548 | 0.00006 | 0.004298 |
| 0 | 0 | 0.000797 | 0 | 0.000581 | 0 | 0.006799 | 0 | 0.003875 |
| 0 | 0 | 0.000745 | 0.00012 | 0.000567 | 0.000855 | 0.006428 | 0.000484 | 0.003668 |
| 0 | 0 | 0.000728 | 0.000075 | 0.000561 | 0.000545 | 0.006373 | 0.000309 | 0.003644 |
| 0 | 0 | 0.000735 | 0.000153 | 0.000546 | 0.001113 | 0.006319 | 0.00063 | 0.003623 |
| 0 | 0 | 0.000759 | 0.000153 | 0.000556 | 0.000924 | 0.006531 | 0.000522 | 0.003751 |
| 0 | 0 | 0.000809 | 0.000112 | 0.00056 | 0.00078 | 0.006738 | 0.000442 | 0.00387 |
| 0 | 0 | 0.000906 | 0.000126 | 0.000549 | 0.000754 | 0.007193 | 0.000426 | 0.004133 |
| 0 | 0 | 0.001074 | 0.000148 | 0.000543 | 0.000963 | 0.00803 | 0.000544 | 0.00463 |
| 0 | 0 | 0.001394 | 0.000022 | 0.000564 | 0.000147 | 0.009778 | 0.000084 | 0.005677 |
| 0 | 0.003193 | 0.001196 | 0.000067 | 0.000558 | 0.016165 | 0.008758 | 0.009806 | 0.005045 |
| 0 | 0.001087 | 0.001731 | 0.000152 | 0.000558 | 0.006435 | 0.011399 | 0.003866 | 0.006616 |
| 0 | 0 | 0.001562 | 0.000145 | 0.000601 | 0.000952 | 0.010828 | 0.000538 | 0.006184 |
| 0 | 0 | 0.001275 | 0.000101 | 0.000607 | 0.000704 | 0.009383 | 0.000398 | 0.005269 |
| 0 | 0 | 0.001246 | 0.000014 | 0.000636 | 0.000098 | 0.009301 | 0.000055 | 0.005179 |
| 0 | 0 | 0.001343 | 0.000125 | 0.0007 | 0.000855 | 0.009738 | 0.000484 | 0.005383 |
| 0 | 0 | 0.001688 | 0.000289 | 0.000933 | 0.001179 | 0.011724 | 0.000667 | 0.006461 |
| 0 | 0.00242 | 0.001542 | 0.001085 | 0.001089 | 0.013077 | 0.011437 | 0.007317 | 0.006273 |
| 0 | 0.000646 | 0.001608 | 0.000276 | 0.00119 | 0.003705 | 0.012081 | 0.002087 | 0.00661 |
| 0 | 0.000378 | 0.001217 | 0.000747 | 0.000859 | 0.00594 | 0.009635 | 0.003508 | 0.005203 |
| 0 | 0 | 0.001028 | 0.0004 | 0.000837 | 0.002875 | 0.009138 | 0.001741 | 0.004915 |
| 0 | 0 | 0.000905 | 0.000083 | 0.000812 | 0.000586 | 0.008752 | 0.000357 | 0.004688 |
| 0 | 0 | 0.000956 | 0.000129 | 0.000777 | 0.000825 | 0.008754 | 0.000467 | 0.004662 |
| 0 | 0.001013 | 0.000906 | 0.000644 | 0.000677 | 0.006143 | 0.008154 | 0.003406 | 0.004299 |
| 0 | 0 | 0.000977 | 0.000081 | 0.000708 | 0.000571 | 0.008225 | 0.000323 | 0.004315 |
| 0 | 0 | 0.00072 | 0.000106 | 0.000615 | 0.000652 | 0.006699 | 0.000369 | 0.003456 |
| 0 | 0 | 0.000607 | 0.000414 | 0.000541 | 0.001888 | 0.005837 | 0.001069 | 0.002968 |
| 0 | 0 | 0.000533 | 0.000121 | 0.000532 | 0.000452 | 0.005395 | 0.000256 | 0.002721 |
| 0 | 0 | 0.000919 | 0.000116 | 0.0008 | 0.000783 | 0.008522 | 0.000443 | 0.00482 |
| 0 | 0 | 0.001019 | 0.000068 | 0.000668 | 0.000494 | 0.008382 | 0.000279 | 0.004829 |
| 0 | 0 | 0.001194 | 0.000026 | 0.00062 | 0.000187 | 0.008956 | 0.000106 | 0.005212 |
| 0 | 0.00247 | 0.000995 | 0.000144 | 0.000597 | 0.012548 | 0.007914 | 0.007457 | 0.004597 |
| 0 | 0.002667 | 0.001225 | 0.000064 | 0.000599 | 0.013196 | 0.009065 | 0.007852 | 0.005277 |
| 0 | 0.001825 | 0.001312 | 0.000143 | 0.000573 | 0.009661 | 0.009423 | 0.00573 | 0.005491 |
| 0 | 0 | 0.001465 | 0.000165 | 0.000581 | 0.00111 | 0.010224 | 0.000628 | 0.005966 |
| 0 | 0 | 0.00134 | 0.000195 | 0.000619 | 0.001051 | 0.009873 | 0.000595 | 0.005747 |
| 0 | 0 | 0.001199 | 0.000379 | 0.00063 | 0.002728 | 0.009171 | 0.001554 | 0.005326 |

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| 0 | 0 | 0.000988 | 0.000031 | 0.000676 | 0.000197 | 0.008466 | 0.000111 | 0.004893 |
| 0 | 0 | 0.000862 | 0.000133 | 0.000606 | 0.000864 | 0.007387 | 0.000489 | 0.004256 |
| 0 | 0 | 0.000839 | 0.000121 | 0.000573 | 0.000825 | 0.007121 | 0.000467 | 0.004088 |
| 0 | 0 | 0.000937 | 0.000028 | 0.000556 | 0.000202 | 0.0075 | 0.000114 | 0.004291 |
| 0 | 0.00105 | 0.000897 | 0.000104 | 0.000539 | 0.00581 | 0.007143 | 0.003269 | 0.004083 |
| 0 | 0 | 0.001023 | 0.000116 | 0.000568 | 0.000715 | 0.007808 | 0.000404 | 0.004453 |
| 0 | 0 | 0.000814 | 0.000552 | 0.000539 | 0.002082 | 0.006684 | 0.001178 | 0.003819 |
| 0 | 0 | 0.000753 | 0.000102 | 0.000618 | 0.000704 | 0.006647 | 0.000398 | 0.003802 |
| 0 | 0 | 0.000733 | 0 | 0.000594 | 0 | 0.00654 | 0 | 0.003748 |
| 0 | 0 | 0.000734 | 0.000084 | 0.000602 | 0.000529 | 0.006503 | 0.000299 | 0.003734 |
| 0 | 0 | 0.000748 | 0.000115 | 0.000638 | 0.0006 | 0.006634 | 0.00034 | 0.003814 |
| 0 | 0 | 0.00078 | 0.00006 | 0.00063 | 0.000411 | 0.006739 | 0.000233 | 0.003871 |
| 0 | 0 | 0.000836 | 0.000009 | 0.000585 | 0.000067 | 0.006986 | 0.000038 | 0.004008 |
| 0 | 0 | 0.000919 | 0.000223 | 0.000537 | 0.001355 | 0.007219 | 0.000766 | 0.004146 |
| 0 | 0 | 0.001076 | 0.000155 | 0.000547 | 0.001007 | 0.008079 | 0.00057 | 0.004658 |
| 0 | 0 | 0.001435 | 0.000088 | 0.000548 | 0.000594 | 0.009886 | 0.000336 | 0.005741 |
| 0 | 0.002731 | 0.001291 | 0.000168 | 0.000544 | 0.014865 | 0.009114 | 0.008975 | 0.005237 |
| 0 | 0.000155 | 0.001876 | 0.000052 | 0.00059 | 0.001155 | 0.012312 | 0.000685 | 0.007082 |
| 0 | 0 | 0.001733 | 0.000146 | 0.000578 | 0.000998 | 0.011428 | 0.000565 | 0.006482 |
| 0 | 0 | 0.001761 | 0.000093 | 0.000617 | 0.000662 | 0.011636 | 0.000375 | 0.006517 |
| 0 | 0.000278 | 0.001906 | 0.000061 | 0.000756 | 0.001683 | 0.012562 | 0.000941 | 0.006982 |
| 0 | 0.003047 | 0.00159 | 0.001443 | 0.000905 | 0.016211 | 0.011478 | 0.009052 | 0.00634 |
| 0 | 0.001 | 0.001769 | 0.00336 | 0.000921 | 0.011403 | 0.012222 | 0.006429 | 0.006719 |
| 0 | 0 | 0.001365 | 0.000147 | 0.001259 | 0.000984 | 0.011146 | 0.000556 | 0.006097 |
| 0 | 0 | 0.001053 | 0 | 0.000868 | 0 | 0.00917 | 0 | 0.004964 |
| 0 | 0 | 0.000908 | 0.000139 | 0.00078 | 0.001009 | 0.008368 | 0.000613 | 0.004483 |
| 0 | 0 | 0.000865 | 0.000788 | 0.000699 | 0.004696 | 0.007901 | 0.002811 | 0.004192 |
| 0 | 0 | 0.000958 | 0.000508 | 0.000762 | 0.003591 | 0.008656 | 0.002179 | 0.004599 |
| 0 | 0.001147 | 0.000919 | 0.000102 | 0.000774 | 0.006146 | 0.008496 | 0.003399 | 0.004492 |
| 0 | 0 | 0.001016 | 0.000176 | 0.000676 | 0.000616 | 0.008467 | 0.000349 | 0.004425 |
| 0 | 0 | 0.000737 | 0.000109 | 0.000638 | 0.000574 | 0.00694 | 0.000325 | 0.003551 |
| 0 | 0 | 0.000628 | 0.000108 | 0.000607 | 0.000736 | 0.006265 | 0.000416 | 0.003158 |
| 0 | 0 | 0.000557 | 0.000076 | 0.000559 | 0.000485 | 0.005695 | 0.000274 | 0.002832 |
| 0 | 0 | 0.000734 | 0.000139 | 0.0008 | 0.000851 | 0.007693 | 0.000481 | 0.004332 |
| 0 | 0 | 0.000745 | 0.00004 | 0.000655 | 0.000242 | 0.006997 | 0.000137 | 0.004012 |
| 0 | 0 | 0.000801 | 0 | 0.000604 | 0 | 0.006983 | 0 | 0.004042 |
| 0 | 0 | 0.000936 | 0.000124 | 0.000595 | 0.000868 | 0.007565 | 0.000491 | 0.004393 |
| 0 | 0 | 0.001042 | 0.000152 | 0.000611 | 0.000945 | 0.008226 | 0.000534 | 0.004779 |
| 0 | 0.000802 | 0.001075 | 0.000031 | 0.000619 | 0.004071 | 0.008511 | 0.002419 | 0.004944 |
| 0 | 0.002527 | 0.001069 | 0.000112 | 0.000586 | 0.012864 | 0.008335 | 0.007643 | 0.004842 |
| 0 | 0.002757 | 0.001265 | 0.000012 | 0.000652 | 0.013257 | 0.009652 | 0.007899 | 0.005615 |
| 0 | 0.001213 | 0.001444 | 0.000648 | 0.000619 | 0.009428 | 0.010284 | 0.005522 | 0.005994 |
| 0 | 0 | 0.001283 | 0.00044 | 0.000667 | 0.001731 | 0.009809 | 0.00098 | 0.005699 |
| 0 | 0 | 0.000967 | 0.000209 | 0.00064 | 0.001297 | 0.007981 | 0.000733 | 0.004609 |
| 0 | 0 | 0.000904 | 0.000105 | 0.000601 | 0.0007 | 0.007522 | 0.000396 | 0.004328 |
| 0 | 0 | 0.000986 | 0.000114 | 0.000578 | 0.000782 | 0.007758 | 0.000443 | 0.004447 |
| 0 | 0.001066 | 0.00095 | 0 | 0.000598 | 0.005174 | 0.007633 | 0.002909 | 0.00437 |
| 0 | 0 | 0.001037 | 0 | 0.000606 | 0 | 0.008011 | 0 | 0.004578 |
| 0 | 0 | 0.000833 | 0.000017 | 0.000641 | 0.000109 | 0.007137 | 0.000061 | 0.004086 |
| 0 | 0 | 0.000776 | 0.000103 | 0.000622 | 0.000715 | 0.006801 | 0.000404 | 0.0039 |

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|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 0 | 0 | 0.000758 | 0.00012 | 0.000615 | 0.000858 | 0.00669 | 0.000486 | 0.003842 |
| 0 | 0 | 0.000757 | 0.000301 | 0.000636 | 0.001483 | 0.006678 | 0.000839 | 0.003842 |
| 0 | 0 | 0.000763 | 0.000842 | 0.0006 | 0.001752 | 0.006735 | 0.000991 | 0.003878 |
| 0 | 0 | 0.000786 | 0.000091 | 0.000677 | 0.000612 | 0.006862 | 0.000346 | 0.003947 |
| 0 | 0 | 0.000827 | 0.000093 | 0.000573 | 0.000646 | 0.006854 | 0.000366 | 0.003937 |
| 0 | 0 | 0.000881 | 0.000056 | 0.000561 | 0.000388 | 0.007139 | 0.00022 | 0.004098 |
| 0 | 0 | 0.000973 | 0.000096 | 0.000551 | 0.000591 | 0.007533 | 0.000335 | 0.004334 |
| 0 | 0 | 0.001143 | 0.000067 | 0.000546 | 0.000398 | 0.008363 | 0.000225 | 0.004825 |
| 0 | 0 | 0.001542 | 0.000089 | 0.000539 | 0.000627 | 0.010309 | 0.000355 | 0.005971 |
| 0 | 0.003309 | 0.001469 | 0.000062 | 0.000569 | 0.016734 | 0.010093 | 0.010152 | 0.005732 |
| 0 | 0.001173 | 0.002238 | 0.000012 | 0.000595 | 0.005805 | 0.013931 | 0.003279 | 0.007983 |
| 0 | 0.00251 | 0.001956 | 0.000016 | 0.000638 | 0.012297 | 0.012646 | 0.006859 | 0.007135 |
| 0 | 0.002603 | 0.001774 | 0.000121 | 0.000721 | 0.013435 | 0.011918 | 0.007499 | 0.006644 |
| 0 | 0 | 0.001851 | 0.00015 | 0.000911 | 0.000965 | 0.012776 | 0.000545 | 0.007079 |
| 0 | 0 | 0.001313 | 0.000374 | 0.000979 | 0.002657 | 0.010329 | 0.001515 | 0.005676 |
| 0 | 0 | 0.001071 | 0.000126 | 0.000867 | 0.000403 | 0.009253 | 0.000228 | 0.00504 |
| 0 | 0 | 0.000946 | 0.000183 | 0.000737 | 0.00101 | 0.00813 | 0.000572 | 0.004372 |
| 0 | 0 | 0.000867 | 0 | 0.000738 | 0 | 0.007965 | 0 | 0.004248 |
| 0 | 0 | 0.000848 | 0.000061 | 0.000728 | 0.000442 | 0.007922 | 0.00025 | 0.004203 |
| 0 | 0 | 0.000962 | 0.000085 | 0.000737 | 0.000612 | 0.008537 | 0.000368 | 0.004513 |
| 0 | 0.001356 | 0.00091 | 0.000503 | 0.000672 | 0.008525 | 0.008005 | 0.004737 | 0.004176 |
| 0 | 0 | 0.001054 | 0.000045 | 0.000724 | 0.000329 | 0.008879 | 0.000186 | 0.004612 |
| 0 | 0 | 0.000784 | 0.000094 | 0.000674 | 0.000638 | 0.007445 | 0.000361 | 0.00376 |
| 0 | 0 | 0.000676 | 0.000004 | 0.000709 | 0.000016 | 0.007156 | 0.000009 | 0.003547 |
| 0 | 0 | 0.000602 | 0.000112 | 0.000711 | 0.000756 | 0.006786 | 0.000427 | 0.003298 |
| 0 | 0 | 0.000534 | 0 | 0.000728 | 0 | 0.006624 | 0 | 0.003151 |
| 0 | 0 | 0.000619 | 0.000013 | 0.000662 | 0.000092 | 0.006411 | 0.000052 | 0.003666 |
| 0 | 0 | 0.000625 | 0 | 0.000625 | 0 | 0.006251 | 0 | 0.003605 |
| 0 | 0 | 0.000639 | 0 | 0.000644 | 0 | 0.00643 | 0 | 0.00371 |
| 0 | 0 | 0.000691 | 0.000443 | 0.000601 | 0.002077 | 0.00655 | 0.001175 | 0.003783 |
| 0 | 0 | 0.00081 | 0.000082 | 0.000652 | 0.000577 | 0.007404 | 0.000327 | 0.004283 |
| 0 | 0 | 0.000981 | 0.00002 | 0.000624 | 0.000147 | 0.008158 | 0.000083 | 0.004732 |
| 0 | 0 | 0.001212 | 0.000197 | 0.000623 | 0.001259 | 0.009192 | 0.000713 | 0.00535 |
| 0 | 0.002841 | 0.000995 | 0.000227 | 0.000663 | 0.015239 | 0.008297 | 0.00904 | 0.004808 |
| 0 | 0.000235 | 0.001488 | 0.00008 | 0.000671 | 0.001707 | 0.010669 | 0.001 | 0.006217 |
| 0 | 0 | 0.001205 | 0.000084 | 0.000647 | 0.0006 | 0.009127 | 0.00034 | 0.005295 |
| 0 | 0 | 0.001044 | 0.00001 | 0.000666 | 0.000074 | 0.008432 | 0.000041 | 0.00486 |
| 0 | 0.000471 | 0.001049 | 0.00019 | 0.000655 | 0.003294 | 0.008283 | 0.001856 | 0.004758 |
| 0 | 0.00063 | 0.001079 | 0.000085 | 0.000668 | 0.003614 | 0.008377 | 0.002034 | 0.004802 |
| 0 | 0 | 0.001003 | 0.000125 | 0.000652 | 0.00076 | 0.007912 | 0.00043 | 0.004536 |
| 0 | 0 | 0.000861 | 0.000402 | 0.00063 | 0.001984 | 0.007159 | 0.001122 | 0.004113 |
| 0 | 0 | 0.000819 | 0.000187 | 0.00066 | 0.001309 | 0.0071 | 0.000741 | 0.004082 |
| 0 | 0 | 0.000803 | 0.000002 | 0.000663 | 0 | 0.007141 | 0 | 0.00411 |
| 0 | 0 | 0.000797 | 0.000211 | 0.000638 | 0.001208 | 0.006917 | 0.000683 | 0.003989 |
| 0 | 0 | 0.0008 | 0.000102 | 0.000667 | 0.000723 | 0.007036 | 0.000409 | 0.004059 |
| 0 | 0 | 0.000816 | 0.00007 | 0.000622 | 0.000491 | 0.007013 | 0.000278 | 0.004042 |
| 0 | 0 | 0.000849 | 0 | 0.000598 | 0 | 0.007128 | 0 | 0.0041 |
| 0 | 0 | 0.000891 | 0.000055 | 0.000572 | 0.000385 | 0.007205 | 0.000218 | 0.004142 |
| 0 | 0 | 0.000958 | 0.000241 | 0.00055 | 0.000887 | 0.007477 | 0.000502 | 0.004304 |
| 0 | 0 | 0.001078 | 0 | 0.000575 | 0 | 0.008143 | 0 | 0.004694 |

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|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 0 | 0 | 0.001375 | 0.000044 | 0.000542 | 0.000319 | 0.009479 | 0.00018 | 0.005478 |
| 0 | 0.001149 | 0.001812 | 0.000066 | 0.000565 | 0.006157 | 0.011712 | 0.003788 | 0.006716 |
| 0 | 0.003636 | 0.001801 | 0.000071 | 0.000597 | 0.01796 | 0.011773 | 0.010482 | 0.00672 |
| 0 | 0 | 0.002249 | 0.000278 | 0.000619 | 0.001474 | 0.013948 | 0.000834 | 0.007904 |
| 0 | 0 | 0.001667 | 0.000128 | 0.000692 | 0.000932 | 0.011417 | 0.000527 | 0.006383 |
| 0 | 0 | 0.001325 | 0.000244 | 0.000727 | 0.001223 | 0.009934 | 0.000692 | 0.005504 |
| 0 | 0 | 0.001124 | 0.000374 | 0.000749 | 0.002368 | 0.00907 | 0.001352 | 0.00498 |
| 0 | 0 | 0.001002 | 0.000012 | 0.000786 | 0.000073 | 0.008777 | 0.000041 | 0.004779 |
| 0 | 0 | 0.000921 | 0.000101 | 0.000725 | 0.000715 | 0.00804 | 0.000404 | 0.004324 |
| 0 | 0 | 0.000866 | 0.000045 | 0.00072 | 0.000285 | 0.007828 | 0.000161 | 0.004166 |
| 0 | 0 | 0.000848 | 0.000065 | 0.000705 | 0.000419 | 0.007729 | 0.000238 | 0.004076 |
| 0 | 0 | 0.00093 | 0.00032 | 0.000668 | 0.001498 | 0.008004 | 0.000848 | 0.00419 |
| 0 | 0.000977 | 0.000908 | 0.00009 | 0.000715 | 0.005314 | 0.008116 | 0.00294 | 0.004204 |
| 0 | 0.000249 | 0.001041 | 0.000099 | 0.000708 | 0.001946 | 0.008773 | 0.001084 | 0.0045 |
| 0 | 0 | 0.000954 | 0.000188 | 0.000784 | 0.001247 | 0.008716 | 0.000706 | 0.004371 |
| 0 | 0 | 0.000805 | 0.000111 | 0.000956 | 0.000777 | 0.00903 | 0.00044 | 0.004354 |
| 0 | 0 | 0.000683 | 0.000761 | 0.001058 | 0.004419 | 0.009217 | 0.002243 | 0.004196 |
| 0 | 0 | 0.000602 | 0.000447 | 0.001146 | 0.002329 | 0.00939 | 0.001227 | 0.004146 |
| 0 | 0 | 0.000535 | 0.000148 | 0.000667 | 0.001022 | 0.005991 | 0.000578 | 0.003423 |
| 0 | 0 | 0.000526 | 0.000173 | 0.000636 | 0.001087 | 0.005837 | 0.000615 | 0.003361 |
| 0 | 0 | 0.000521 | 0.00014 | 0.000644 | 0.00089 | 0.00589 | 0.000503 | 0.003393 |
| 0 | 0 | 0.000545 | 0.000166 | 0.00065 | 0.001163 | 0.006091 | 0.000658 | 0.003507 |
| 0 | 0 | 0.000587 | 0.000202 | 0.000637 | 0.001464 | 0.006317 | 0.000829 | 0.00364 |
| 0 | 0 | 0.000661 | 0.000114 | 0.000651 | 0.000822 | 0.00678 | 0.000465 | 0.003912 |
| 0 | 0 | 0.000805 | 0.000029 | 0.000665 | 0.00021 | 0.007497 | 0.000119 | 0.004336 |
| 0 | 0 | 0.001165 | 0.000124 | 0.000655 | 0.000861 | 0.009039 | 0.000487 | 0.005258 |
| 0 | 0.002973 | 0.000987 | 0.000089 | 0.000682 | 0.014603 | 0.008256 | 0.008691 | 0.004785 |
| 0 | 0 | 0.001537 | 0.000132 | 0.000708 | 0.000926 | 0.010872 | 0.000523 | 0.006335 |
| 0 | 0 | 0.001249 | 0.000358 | 0.000717 | 0.002304 | 0.009442 | 0.001303 | 0.00546 |
| 0 | 0.00111 | 0.001101 | 0.000417 | 0.000739 | 0.006577 | 0.008868 | 0.003703 | 0.005109 |
| 0 | 0 | 0.001241 | 0.000023 | 0.000774 | 0.000165 | 0.009386 | 0.000094 | 0.00539 |
| 0 | 0 | 0.001007 | 0.000036 | 0.000725 | 0.000243 | 0.008091 | 0.000138 | 0.004658 |
| 0 | 0 | 0.000938 | 0.000065 | 0.000702 | 0.000472 | 0.007716 | 0.000267 | 0.004448 |
| 0 | 0 | 0.000904 | 0.000073 | 0.000673 | 0.000525 | 0.007564 | 0.000297 | 0.004365 |
| 0 | 0 | 0.000881 | 0.000198 | 0.000646 | 0.001307 | 0.007389 | 0.000739 | 0.00427 |
| 0 | 0 | 0.000868 | 0.000078 | 0.000661 | 0.000565 | 0.007471 | 0.00032 | 0.004319 |
| 0 | 0 | 0.000865 | 0.000114 | 0.000629 | 0.000825 | 0.00731 | 0.000467 | 0.00423 |
| 0 | 0 | 0.000878 | 0.000238 | 0.00059 | 0.001387 | 0.007208 | 0.000784 | 0.004169 |
| 0 | 0 | 0.000906 | 0.000101 | 0.000597 | 0.00073 | 0.007396 | 0.000413 | 0.00427 |
| 0 | 0 | 0.000941 | 0.000128 | 0.000586 | 0.000897 | 0.007535 | 0.000507 | 0.004345 |
| 0 | 0 | 0.000996 | 0.000108 | 0.00059 | 0.000767 | 0.007827 | 0.000434 | 0.004516 |
| 0 | 0 | 0.001097 | 0.000154 | 0.000555 | 0.001072 | 0.008147 | 0.000606 | 0.004707 |
| 0 | 0 | 0.001368 | 0.000031 | 0.000563 | 0.000213 | 0.009572 | 0.000121 | 0.005542 |
| 0 | 0.001641 | 0.001564 | 0.000059 | 0.000578 | 0.008537 | 0.010554 | 0.005265 | 0.006042 |
| 0 | 0.000783 | 0.001965 | 0.000023 | 0.000618 | 0.0038 | 0.012679 | 0.002191 | 0.007284 |
| 0 | 0.000768 | 0.001691 | 0.000235 | 0.000621 | 0.004753 | 0.011264 | 0.002729 | 0.006377 |
| 0 | 0 | 0.001569 | 0 | 0.000672 | 0 | 0.010891 | 0 | 0.006112 |
| 0 | 0 | 0.001287 | 0 | 0.000703 | 0 | 0.009713 | 0 | 0.005398 |
| 0 | 0 | 0.001121 | 0.000243 | 0.000717 | 0.00172 | 0.008968 | 0.00098 | 0.004935 |
| 0 | 0 | 0.001019 | 0.000296 | 0.000757 | 0.001489 | 0.008727 | 0.00085 | 0.004759 |

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|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 0 | 0 | 0.000944 | 0.000208 | 0.000784 | 0.000917 | 0.008471 | 0.00052 | 0.004573 |
| 0 | 0 | 0.000889 | 0.000219 | 0.000745 | 0.001123 | 0.008025 | 0.000635 | 0.004276 |
| 0 | 0 | 0.000865 | 0.000094 | 0.00071 | 0.000662 | 0.007787 | 0.000375 | 0.0041 |
| 0 | 0 | 0.000883 | 0.000102 | 0.000681 | 0.000551 | 0.007808 | 0.000312 | 0.004064 |
| 0 | 0.000004 | 0.000959 | 0.000089 | 0.000679 | 0.000572 | 0.008223 | 0.000324 | 0.004228 |
| 0 | 0.0011 | 0.00089 | 0.000035 | 0.00076 | 0.005702 | 0.008263 | 0.00315 | 0.004166 |
| 0 | 0.000847 | 0.00101 | 0.000973 | 0.000765 | 0.006278 | 0.009301 | 0.003494 | 0.004591 |
| 0 | 0 | 0.001042 | 0.000378 | 0.001153 | 0.002389 | 0.01129 | 0.001206 | 0.005311 |
| 0 | 0 | 0.000865 | 0.00313 | 0.001063 | 0.018329 | 0.010485 | 0.006463 | 0.004814 |
| 0 | 0 | 0.000727 | 0.001443 | 0.001428 | 0.00678 | 0.012283 | 0.002391 | 0.005191 |
| 0 | 0 | 0.000483 | 0 | 0.000721 | 0 | 0.005988 | 0 | 0.003419 |
| 0 | 0 | 0.000468 | 0.000074 | 0.000662 | 0.00054 | 0.005701 | 0.000306 | 0.003281 |
| 0 | 0 | 0.000455 | 0.000035 | 0.000661 | 0.000238 | 0.005715 | 0.000134 | 0.003291 |
| 0 | 0 | 0.00047 | 0.000059 | 0.000656 | 0.000412 | 0.005844 | 0.000233 | 0.003365 |
| 0 | 0 | 0.000495 | 0.000195 | 0.000651 | 0.001415 | 0.005984 | 0.0008 | 0.003446 |
| 0 | 0 | 0.000549 | 0.000276 | 0.000656 | 0.001559 | 0.00632 | 0.000882 | 0.003645 |
| 0 | 0 | 0.000645 | 0.000052 | 0.000702 | 0.00038 | 0.00696 | 0.000215 | 0.00402 |
| 0 | 0 | 0.000886 | 0.000126 | 0.000713 | 0.000805 | 0.00807 | 0.000456 | 0.004681 |
| 0 | 0.00146 | 0.001088 | 0.000205 | 0.000753 | 0.007814 | 0.009061 | 0.004632 | 0.005267 |
| 0 | 0.001518 | 0.001338 | 0.000106 | 0.000856 | 0.008018 | 0.010362 | 0.004755 | 0.006031 |
| 0 | 0 | 0.001582 | 0.000186 | 0.000932 | 0.001311 | 0.011598 | 0.000742 | 0.006739 |
| 0 | 0.001024 | 0.001311 | 0.000094 | 0.000986 | 0.005357 | 0.010291 | 0.003014 | 0.005952 |
| 0 | 0 | 0.001392 | 0.000073 | 0.000942 | 0.000531 | 0.010365 | 0.0003 | 0.005983 |
| 0 | 0 | 0.001216 | 0.000066 | 0.000836 | 0.000481 | 0.009287 | 0.000272 | 0.005377 |
| 0 | 0 | 0.001183 | 0 | 0.000758 | 0 | 0.009075 | 0 | 0.005261 |
| 0 | 0 | 0.001117 | 0.00016 | 0.000686 | 0.001107 | 0.008595 | 0.000626 | 0.004988 |
| 0 | 0 | 0.001042 | 0.000125 | 0.000674 | 0.000888 | 0.008331 | 0.000503 | 0.004836 |
| 0 | 0 | 0.001017 | 0.000238 | 0.000621 | 0.00132 | 0.00804 | 0.000747 | 0.004675 |
| 0 | 0 | 0.001008 | 0.000092 | 0.000621 | 0.000609 | 0.008015 | 0.000345 | 0.004664 |
| 0 | 0 | 0.001017 | 0.000002 | 0.000606 | 0 | 0.008014 | 0 | 0.004661 |
| 0 | 0 | 0.001043 | 0.000005 | 0.000604 | 0.000036 | 0.008133 | 0.00002 | 0.004721 |
| 0 | 0 | 0.001075 | 0.000245 | 0.000577 | 0.001443 | 0.008153 | 0.000816 | 0.004729 |
| 0 | 0 | 0.001115 | 0.000041 | 0.000616 | 0.000284 | 0.00858 | 0.000161 | 0.004974 |
| 0 | 0 | 0.00119 | 0.000075 | 0.000588 | 0.000543 | 0.008797 | 0.000307 | 0.005104 |
| 0 | 0 | 0.00142 | 0.000028 | 0.000584 | 0.000188 | 0.009947 | 0.000107 | 0.00578 |
| 0 | 0.001607 | 0.001504 | 0.000074 | 0.000607 | 0.008455 | 0.010436 | 0.005209 | 0.005995 |
| 0 | 0 | 0.001843 | 0.000166 | 0.000615 | 0.000944 | 0.01207 | 0.000533 | 0.006948 |
| 0 | 0.001184 | 0.001503 | 0.000008 | 0.00066 | 0.005645 | 0.010578 | 0.003256 | 0.005997 |
| 0 | 0.000686 | 0.001541 | 0.000155 | 0.000643 | 0.004231 | 0.010613 | 0.00243 | 0.005972 |
| 0 | 0 | 0.001459 | 0.00016 | 0.000681 | 0.001109 | 0.010392 | 0.000627 | 0.005806 |
| 0 | 0 | 0.00124 | 0.000155 | 0.000725 | 0.000915 | 0.009595 | 0.000518 | 0.005309 |
| 0 | 0 | 0.001091 | 0.000473 | 0.000738 | 0.002375 | 0.00894 | 0.001352 | 0.004892 |
| 0 | 0 | 0.001001 | 0.000546 | 0.000756 | 0.002795 | 0.008592 | 0.001593 | 0.004649 |
| 0 | 0 | 0.00094 | 0.000104 | 0.000783 | 0.000608 | 0.008461 | 0.000344 | 0.004526 |
| 0 | 0 | 0.000908 | 0.000043 | 0.000717 | 0.000258 | 0.007984 | 0.000146 | 0.004205 |
| 0 | 0 | 0.000893 | 0.000082 | 0.000682 | 0.000564 | 0.007758 | 0.000319 | 0.004016 |
| 0 | 0 | 0.000893 | 0.000087 | 0.000682 | 0.000608 | 0.00786 | 0.000344 | 0.003988 |
| 0 | 0 | 0.000981 | 0.000182 | 0.000734 | 0.0013 | 0.008612 | 0.000735 | 0.004288 |
| 0 | 0.000807 | 0.000953 | 0.000221 | 0.000861 | 0.005223 | 0.009301 | 0.0029 | 0.004481 |
| 0 | 0.001027 | 0.000987 | 0.000102 | 0.001094 | 0.005538 | 0.011344 | 0.003063 | 0.005171 |

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| 0 | 0.000579 | 0.001006 | 0.001339 | 0.001278 | 0.01361 | 0.012697 | 0.005326 | 0.005566 |
| 0 | 0 | 0.000914 | 0.001826 | 0.001299 | 0.01192 | 0.013036 | 0.00417 | 0.005518 |
| 0 | 0 | 0.000481 | 0.000292 | 0.000833 | 0.00089 | 0.006402 | 0.000504 | 0.003598 |
| 0 | 0 | 0.000448 | 0.00009 | 0.000746 | 0.000655 | 0.005891 | 0.00037 | 0.003363 |
| 0 | 0 | 0.00043 | 0.000196 | 0.000669 | 0.001289 | 0.005557 | 0.000729 | 0.0032 |
| 0 | 0 | 0.000415 | 0.000093 | 0.000682 | 0.000645 | 0.005627 | 0.000365 | 0.003245 |
| 0 | 0 | 0.000426 | 0.000168 | 0.000672 | 0.001175 | 0.005714 | 0.000664 | 0.003296 |
| 0 | 0 | 0.000442 | 0.000153 | 0.000693 | 0.001046 | 0.006024 | 0.000592 | 0.003474 |
| 0 | 0 | 0.000487 | 0.000109 | 0.00072 | 0.000792 | 0.006419 | 0.000448 | 0.003705 |
| 0 | 0 | 0.00056 | 0.000252 | 0.000718 | 0.001695 | 0.006716 | 0.000963 | 0.003883 |
| 0 | 0 | 0.000702 | 0.00044 | 0.000727 | 0.003077 | 0.007261 | 0.001752 | 0.004211 |
| 0 | 0 | 0.001031 | 0.000184 | 0.000841 | 0.001006 | 0.009197 | 0.000575 | 0.005353 |
| 0 | 0.002566 | 0.001049 | 0.000556 | 0.000991 | 0.014793 | 0.009194 | 0.008751 | 0.005346 |
| 0 | 0.000636 | 0.001768 | 0.000801 | 0.001342 | 0.005463 | 0.013049 | 0.003183 | 0.007608 |
| 0 | 0.001089 | 0.001859 | 0.000771 | 0.001541 | 0.007169 | 0.013518 | 0.004038 | 0.007877 |
| 0 | 0 | 0.001986 | 0.000189 | 0.001363 | 0.001155 | 0.013777 | 0.000653 | 0.008011 |
| 0 | 0.00032 | 0.0017 | 0.000072 | 0.000967 | 0.001961 | 0.011929 | 0.001141 | 0.006949 |
| 0 | 0.000819 | 0.001534 | 0.000119 | 0.000777 | 0.004831 | 0.010802 | 0.002812 | 0.006296 |
| 0 | 0 | 0.001578 | 0.000269 | 0.000679 | 0.001366 | 0.010907 | 0.000773 | 0.006364 |
| 0 | 0 | 0.001475 | 0.00001 | 0.000677 | 0.000041 | 0.010585 | 0.000023 | 0.006187 |
| 0 | 0 | 0.001436 | 0.00008 | 0.000621 | 0.000578 | 0.010189 | 0.000327 | 0.005977 |
| 0 | 0 | 0.001424 | 0.000009 | 0.000625 | 0.000052 | 0.010197 | 0.000029 | 0.005986 |
| 0 | 0 | 0.001438 | 0.000111 | 0.000626 | 0.000725 | 0.010179 | 0.00041 | 0.005974 |
| 0 | 0 | 0.001475 | 0.000092 | 0.00063 | 0.000621 | 0.01038 | 0.000352 | 0.006083 |
| 0 | 0 | 0.001509 | 0.000049 | 0.000611 | 0.000351 | 0.010504 | 0.000199 | 0.00615 |
| 0 | 0 | 0.001521 | 0.000277 | 0.000575 | 0.001534 | 0.010362 | 0.000868 | 0.006069 |
| 0 | 0 | 0.001493 | 0.00018 | 0.00061 | 0.001247 | 0.010348 | 0.000706 | 0.00605 |
| 0 | 0 | 0.001581 | 0.000154 | 0.000603 | 0.000929 | 0.010781 | 0.000525 | 0.006297 |
| 0 | 0.00162 | 0.001562 | 0.000194 | 0.000611 | 0.009237 | 0.010711 | 0.005656 | 0.00618 |
| 0 | 0 | 0.001806 | 0.000117 | 0.000639 | 0.000817 | 0.011994 | 0.000462 | 0.006926 |
| 0 | 0 | 0.001612 | 0.000108 | 0.000658 | 0.00077 | 0.01102 | 0.000436 | 0.006273 |
| 0 | 0.000957 | 0.001488 | 0.000217 | 0.000666 | 0.005999 | 0.010357 | 0.003444 | 0.005842 |
| 0 | 0.000911 | 0.001523 | 0.000038 | 0.00071 | 0.004571 | 0.010758 | 0.002634 | 0.006031 |
| 0 | 0 | 0.001478 | 0.000179 | 0.000689 | 0.00124 | 0.010385 | 0.000702 | 0.00578 |
| 0 | 0 | 0.001218 | 0.000121 | 0.000743 | 0.000862 | 0.009485 | 0.00049 | 0.005219 |
| 0 | 0 | 0.001109 | 0.000273 | 0.000748 | 0.001868 | 0.009004 | 0.001066 | 0.004896 |
| 0 | 0 | 0.001039 | 0.000117 | 0.000771 | 0.000837 | 0.008823 | 0.000474 | 0.004738 |
| 0 | 0 | 0.000991 | 0.000265 | 0.000714 | 0.001019 | 0.008317 | 0.000577 | 0.004387 |
| 0 | 0 | 0.000954 | 0.000016 | 0.000719 | 0.000104 | 0.008108 | 0.000059 | 0.004192 |
| 0 | 0 | 0.000921 | 0 | 0.000689 | 0 | 0.007931 | 0 | 0.003987 |
| 0 | 0 | 0.000928 | 0.00001 | 0.000741 | 0.000075 | 0.008418 | 0.000042 | 0.004111 |
| 0 | 0 | 0.00098 | 0.000175 | 0.000828 | 0.001108 | 0.009457 | 0.000627 | 0.00444 |
| 0 | 0 | 0.001095 | 0.00002 | 0.001074 | 0.000167 | 0.012049 | 0.000057 | 0.005392 |
| 0 | 0.001078 | 0.001037 | 0.000696 | 0.001315 | 0.011251 | 0.013844 | 0.00499 | 0.005835 |
| 0 | 0 | 0.001128 | 0.00139 | 0.001463 | 0.012224 | 0.015615 | 0.004308 | 0.006477 |
| 0 | 0 | 0.000923 | 0 | 0.00151 | 0 | 0.015497 | 0 | 0.006134 |
| 0 | 0 | 0.000451 | 0.00005 | 0.000901 | 0.000364 | 0.00669 | 0.000206 | 0.003763 |
| 0 | 0 | 0.000414 | 0 | 0.000793 | 0 | 0.006176 | 0 | 0.003525 |
| 0 | 0 | 0.000396 | 0.000055 | 0.000772 | 0.000095 | 0.005998 | 0.000053 | 0.003451 |
| 0 | 0 | 0.000381 | 0.000121 | 0.000774 | 0.000647 | 0.005942 | 0.000366 | 0.003426 |

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| 0 | 0 | 0.00039 | 0.000104 | 0.000773 | 0.00074 | 0.006105 | 0.000418 | 0.003521 |
| 0 | 0 | 0.000403 | 0.000362 | 0.000727 | 0.002437 | 0.005966 | 0.001389 | 0.003443 |
| 0 | 0 | 0.000439 | 0.000342 | 0.000729 | 0.002453 | 0.006155 | 0.0014 | 0.003556 |
| 0 | 0 | 0.000499 | 0.000305 | 0.000712 | 0.002164 | 0.006326 | 0.001233 | 0.003661 |
| 0 | 0 | 0.000594 | 0.000142 | 0.000752 | 0.001025 | 0.006903 | 0.000582 | 0.004001 |
| 0 | 0 | 0.000768 | 0.000371 | 0.000801 | 0.002164 | 0.007648 | 0.001231 | 0.004447 |
| 0 | 0 | 0.001173 | 0.000409 | 0.00114 | 0.00231 | 0.010084 | 0.001313 | 0.005882 |
| 0 | 0.002787 | 0.001352 | 0.003656 | 0.001216 | 0.017707 | 0.011142 | 0.010426 | 0.00649 |
| 0 | 0.004663 | 0.001755 | 0.004046 | 0.001531 | 0.02788 | 0.013019 | 0.016281 | 0.007612 |
| 0 | 0.002501 | 0.002079 | 0.000165 | 0.001684 | 0.012662 | 0.014783 | 0.007405 | 0.008643 |
| 0 | 0.002096 | 0.001646 | 0.000194 | 0.000956 | 0.01141 | 0.011675 | 0.006658 | 0.006824 |
| 0 | 0.001597 | 0.001531 | 0 | 0.000782 | 0.007892 | 0.011005 | 0.00462 | 0.006427 |
| 0 | 0.002436 | 0.001322 | 0.000083 | 0.000684 | 0.012637 | 0.009786 | 0.007384 | 0.005724 |
| 0 | 0.002086 | 0.001385 | 0.000185 | 0.000661 | 0.01182 | 0.010157 | 0.007033 | 0.00594 |
| 0 | 0.002099 | 0.00133 | 0.000035 | 0.000683 | 0.010834 | 0.01015 | 0.006498 | 0.005952 |
| 0 | 0.002062 | 0.001327 | 0.000143 | 0.000658 | 0.011387 | 0.00989 | 0.006805 | 0.005809 |
| 0 | 0.002077 | 0.001345 | 0.000603 | 0.000604 | 0.012535 | 0.009796 | 0.007456 | 0.005753 |
| 0 | 0.002231 | 0.001366 | 0.000058 | 0.00067 | 0.011611 | 0.010018 | 0.006961 | 0.005871 |
| 0 | 0.002116 | 0.001428 | 0.000016 | 0.000608 | 0.010791 | 0.010082 | 0.006477 | 0.005909 |
| 0 | 0.002105 | 0.001443 | 0.000004 | 0.000625 | 0.010626 | 0.010173 | 0.006381 | 0.005959 |
| 0 | 0.000972 | 0.001638 | 0.000351 | 0.000589 | 0.006274 | 0.01094 | 0.00372 | 0.006421 |
| 0 | 0 | 0.001917 | 0.000028 | 0.000642 | 0.000199 | 0.012497 | 0.000112 | 0.007336 |
| 0 | 0.001653 | 0.001867 | 0.000015 | 0.000656 | 0.008282 | 0.012331 | 0.005123 | 0.007156 |
| 0 | 0 | 0.002063 | 0.000128 | 0.000683 | 0.000931 | 0.013252 | 0.000526 | 0.007682 |
| 0 | 0 | 0.001788 | 0.000007 | 0.000741 | 0.000041 | 0.0121 | 0.000023 | 0.00691 |
| 0 | 0 | 0.00175 | 0.0003 | 0.000699 | 0.000951 | 0.011706 | 0.000537 | 0.006631 |
| 0 | 0.001524 | 0.00151 | 0.000071 | 0.000731 | 0.007705 | 0.010589 | 0.004438 | 0.005943 |
| 0 | 0.000163 | 0.001714 | 0.000019 | 0.000721 | 0.000873 | 0.011527 | 0.000502 | 0.006445 |
| 0 | 0 | 0.001511 | 0.000071 | 0.000753 | 0.00047 | 0.010688 | 0.000266 | 0.005919 |
| 0 | 0 | 0.001334 | 0.000356 | 0.000767 | 0.002469 | 0.0099 | 0.001409 | 0.005416 |
| 0 | 0 | 0.001228 | 0.000195 | 0.000797 | 0.001342 | 0.009619 | 0.000759 | 0.005196 |
| 0 | 0 | 0.001139 | 0.000229 | 0.000748 | 0.00127 | 0.008916 | 0.000719 | 0.004722 |
| 0 | 0 | 0.00107 | 0.000025 | 0.00073 | 0.00014 | 0.008547 | 0.00008 | 0.004423 |
| 0 | 0 | 0.001013 | 0 | 0.000705 | 0 | 0.008274 | 0 | 0.004144 |
| 0 | 0 | 0.000982 | 0 | 0.000761 | 0 | 0.008688 | 0 | 0.004188 |
| 0 | 0 | 0.000986 | 0.00017 | 0.000875 | 0.00136 | 0.009761 | 0.000625 | 0.004469 |
| 0 | 0 | 0.001117 | 0.000512 | 0.001072 | 0.004225 | 0.012115 | 0.001435 | 0.005311 |
| 0 | 0.001261 | 0.001215 | 0.000473 | 0.001539 | 0.009969 | 0.016601 | 0.004736 | 0.006692 |
| 0 | 0.000049 | 0.001654 | 0.003267 | 0.001542 | 0.027577 | 0.019089 | 0.009714 | 0.007606 |
| 0 | 0 | 0.001488 | 0.000713 | 0.001906 | 0.006497 | 0.021487 | 0.002291 | 0.008194 |
| 0 | 0 | 0.000434 | 0.000399 | 0.000845 | 0.002858 | 0.006379 | 0.001629 | 0.003588 |
| 0 | 0 | 0.000397 | 0.000347 | 0.00079 | 0.002463 | 0.006042 | 0.001406 | 0.003448 |
| 0 | 0 | 0.000378 | 0.000735 | 0.000736 | 0.003475 | 0.005782 | 0.001983 | 0.003326 |
| 0 | 0 | 0.000363 | 0.000671 | 0.000758 | 0.004013 | 0.00571 | 0.002289 | 0.003293 |
| 0 | 0 | 0.000371 | 0.000361 | 0.00077 | 0.002475 | 0.005913 | 0.001412 | 0.003411 |
| 0 | 0 | 0.000382 | 0.000514 | 0.000707 | 0.002496 | 0.005752 | 0.001422 | 0.003321 |
| 0 | 0 | 0.000412 | 0.000064 | 0.000738 | 0.000435 | 0.005962 | 0.000246 | 0.003445 |
| 0 | 0 | 0.000466 | 0.000035 | 0.000692 | 0.00025 | 0.005945 | 0.000141 | 0.003442 |
| 0 | 0 | 0.000544 | 0.00014 | 0.000701 | 0.001 | 0.006219 | 0.000566 | 0.003608 |
| 0 | 0 | 0.00067 | 0.000214 | 0.000802 | 0.001033 | 0.007192 | 0.000585 | 0.004179 |

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| 0 | 0 | 0.000908 | 0.000406 | 0.000991 | 0.002811 | 0.008567 | 0.001604 | 0.004993 |
| 0 | 0 | 0.001466 | 0.0001 | 0.001434 | 0.000708 | 0.012108 | 0.0004 | 0.007084 |
| 0 | 0.003135 | 0.001478 | 0.002888 | 0.001176 | 0.019268 | 0.011758 | 0.011416 | 0.006888 |
| 0 | 0 | 0.001884 | 0.000096 | 0.001382 | 0.000678 | 0.013941 | 0.000383 | 0.008193 |
| 0 | 0 | 0.001345 | 0.000224 | 0.000877 | 0.001101 | 0.010411 | 0.000623 | 0.006097 |
| 0 | 0 | 0.001202 | 0.00005 | 0.000757 | 0.000364 | 0.009475 | 0.000206 | 0.00554 |
| 0 | 0 | 0.001175 | 0.000085 | 0.000691 | 0.000569 | 0.009255 | 0.000322 | 0.005414 |
| 0 | 0 | 0.001148 | 0.000437 | 0.000656 | 0.00308 | 0.008989 | 0.001756 | 0.005269 |
| 0 | 0 | 0.00113 | 0.000444 | 0.000668 | 0.002413 | 0.009134 | 0.001377 | 0.005356 |
| 0 | 0 | 0.001129 | 0.000072 | 0.000713 | 0.000514 | 0.009299 | 0.000293 | 0.005449 |
| 0 | 0 | 0.001148 | 0.000091 | 0.000691 | 0.000656 | 0.009222 | 0.000371 | 0.005405 |
| 0 | 0 | 0.001186 | 0.000016 | 0.000661 | 0.000113 | 0.009265 | 0.000064 | 0.005423 |
| 0 | 0 | 0.001228 | 0.000095 | 0.000632 | 0.000642 | 0.0092 | 0.000363 | 0.005384 |
| 0 | 0 | 0.00135 | 0.000087 | 0.000665 | 0.000632 | 0.009787 | 0.000358 | 0.005733 |
| 0 | 0.001372 | 0.001405 | 0.000021 | 0.000694 | 0.006979 | 0.010043 | 0.00419 | 0.00588 |
| 0 | 0.002115 | 0.001792 | 0.000066 | 0.000676 | 0.010986 | 0.011801 | 0.006587 | 0.006925 |
| 0 | 0.002915 | 0.002118 | 0.000078 | 0.00074 | 0.014885 | 0.013629 | 0.009085 | 0.007922 |
| 0 | 0.000793 | 0.002377 | 0.000443 | 0.000754 | 0.005578 | 0.014835 | 0.003211 | 0.008614 |
| 0 | 0.001733 | 0.001859 | 0.00011 | 0.000821 | 0.009085 | 0.012472 | 0.00526 | 0.007128 |
| 0 | 0 | 0.002024 | 0.000213 | 0.00077 | 0.00143 | 0.013053 | 0.000809 | 0.007418 |
| 0 | 0 | 0.002031 | 0.000125 | 0.000779 | 0.000856 | 0.013072 | 0.000484 | 0.007387 |
| 0 | 0.001592 | 0.001898 | 0.00009 | 0.000783 | 0.0081 | 0.012317 | 0.004666 | 0.00691 |
| 0 | 0.000151 | 0.002214 | 0.000392 | 0.000763 | 0.002274 | 0.013617 | 0.001299 | 0.007606 |
| 0 | 0 | 0.001984 | 0.000533 | 0.000778 | 0.002979 | 0.012317 | 0.001696 | 0.006796 |
| 0 | 0 | 0.001642 | 0.000178 | 0.000819 | 0.001212 | 0.01096 | 0.000685 | 0.005955 |
| 0 | 0 | 0.001403 | 0.000225 | 0.000774 | 0.001189 | 0.009798 | 0.000672 | 0.00522 |
| 0 | 0 | 0.001283 | 0.000016 | 0.000771 | 0.00011 | 0.009382 | 0.000062 | 0.004884 |
| 0 | 0 | 0.001175 | 0 | 0.000765 | 0 | 0.009098 | 0 | 0.004578 |
| 0 | 0 | 0.001103 | 0.000035 | 0.000829 | 0.000292 | 0.009443 | 0.000129 | 0.004542 |
| 0 | 0 | 0.001085 | 0.00017 | 0.000949 | 0.001636 | 0.010459 | 0.000556 | 0.004771 |
| 0 | 0 | 0.001169 | 0.000415 | 0.001163 | 0.003073 | 0.012844 | 0.001043 | 0.005513 |
| 0 | 0.000055 | 0.001609 | 0.001081 | 0.001539 | 0.007206 | 0.018699 | 0.002591 | 0.007472 |
| 0 | 0.005863 | 0.00125 | 0.003334 | 0.001782 | 0.059666 | 0.01854 | 0.020596 | 0.007299 |
| 0 | 0 | 0.002354 | 0.001932 | 0.001988 | 0.014233 | 0.026413 | 0.005017 | 0.009856 |
| 0 | 0 | 0.000424 | 0.000034 | 0.000837 | 0.000202 | 0.006284 | 0.000114 | 0.003537 |
| 0 | 0 | 0.000387 | 0.00014 | 0.000749 | 0.000912 | 0.005752 | 0.000516 | 0.003284 |
| 0 | 0 | 0.00037 | 0.000027 | 0.000763 | 0.000168 | 0.005773 | 0.000095 | 0.003321 |
| 0 | 0 | 0.000355 | 0.000085 | 0.000732 | 0.000621 | 0.005549 | 0.000351 | 0.0032 |
| 0 | 0 | 0.000362 | 0 | 0.000731 | 0 | 0.005623 | 0 | 0.003244 |
| 0 | 0 | 0.000373 | 0.000197 | 0.00069 | 0.001121 | 0.005416 | 0.000634 | 0.003129 |
| 0 | 0 | 0.000397 | 0.000072 | 0.000692 | 0.000519 | 0.005523 | 0.000293 | 0.003193 |
| 0 | 0 | 0.000448 | 0.000114 | 0.000677 | 0.000792 | 0.005621 | 0.000448 | 0.003255 |
| 0 | 0 | 0.000523 | 0.000009 | 0.000718 | 0.000066 | 0.006151 | 0.000037 | 0.003568 |
| 0 | 0 | 0.000639 | 0.000144 | 0.000772 | 0.000971 | 0.006875 | 0.000549 | 0.003998 |
| 0 | 0 | 0.000867 | 0.000454 | 0.00086 | 0.003071 | 0.008216 | 0.001751 | 0.004796 |
| 0 | 0.000493 | 0.001213 | 0.00006 | 0.001068 | 0.002855 | 0.010814 | 0.001691 | 0.006345 |
| 0 | 0.001545 | 0.001305 | 0.000839 | 0.001047 | 0.013743 | 0.010713 | 0.008287 | 0.006292 |
| 0 | 0 | 0.001261 | 0.000106 | 0.001022 | 0.000751 | 0.01116 | 0.000425 | 0.006582 |
| 0 | 0 | 0.000959 | 0.000215 | 0.000797 | 0.001221 | 0.008582 | 0.000691 | 0.005033 |
| 0 | 0 | 0.000882 | 0.000152 | 0.000719 | 0.001107 | 0.007887 | 0.000626 | 0.004617 |

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| 0 | 0 | 0.00085 | 0.00011 | 0.000688 | 0.000672 | 0.007709 | 0.00038 | 0.004509 |
| 0 | 0 | 0.000835 | 0.00011 | 0.000681 | 0.000702 | 0.007656 | 0.000397 | 0.004477 |
| 0 | 0 | 0.000825 | 0.000089 | 0.000677 | 0.000644 | 0.007605 | 0.000365 | 0.004447 |
| 0 | 0 | 0.00083 | 0.000412 | 0.000643 | 0.002468 | 0.007463 | 0.001405 | 0.004366 |
| 0 | 0 | 0.000852 | 0.000353 | 0.000672 | 0.002489 | 0.007688 | 0.001421 | 0.004495 |
| 0 | 0 | 0.000894 | 0.000121 | 0.000697 | 0.000816 | 0.008055 | 0.000464 | 0.004702 |
| 0 | 0 | 0.000958 | 0.000086 | 0.000727 | 0.000623 | 0.008377 | 0.000352 | 0.004884 |
| 0 | 0 | 0.001095 | 0.000332 | 0.00074 | 0.000938 | 0.008982 | 0.00053 | 0.005245 |
| 0 | 0 | 0.001425 | 0 | 0.000868 | 0 | 0.010675 | 0 | 0.006254 |
| 0 | 0.00082 | 0.001884 | 0.000022 | 0.000975 | 0.004132 | 0.01291 | 0.002512 | 0.007568 |
| 0 | 0.003539 | 0.001922 | 0.00006 | 0.001102 | 0.017491 | 0.01324 | 0.010482 | 0.007685 |
| 0 | 0.001693 | 0.002066 | 0.00008 | 0.001077 | 0.008629 | 0.013796 | 0.004999 | 0.007975 |
| 0 | 0.000753 | 0.001879 | 0.00004 | 0.000933 | 0.003907 | 0.012717 | 0.002263 | 0.007269 |
| 0 | 0.002622 | 0.001522 | 0.000083 | 0.000844 | 0.013229 | 0.010794 | 0.007667 | 0.006115 |
| 0 | 0.002416 | 0.001738 | 0.00059 | 0.000741 | 0.012149 | 0.011668 | 0.007042 | 0.006588 |
| 0 | 0.002453 | 0.001918 | 0.000234 | 0.000798 | 0.012611 | 0.012285 | 0.007305 | 0.006898 |
| 0 | 0.004587 | 0.001801 | 0.000262 | 0.000767 | 0.020884 | 0.011548 | 0.011968 | 0.006424 |
| 0 | 0.002306 | 0.002321 | 0.000106 | 0.000791 | 0.008106 | 0.013522 | 0.004557 | 0.007488 |
| 0 | 0 | 0.002505 | 0.000345 | 0.00076 | 0.001237 | 0.013332 | 0.0007 | 0.007289 |
| 0 | 0 | 0.002176 | 0.000368 | 0.000784 | 0.001774 | 0.012186 | 0.001004 | 0.006566 |
| 0 | 0 | 0.001763 | 0.00009 | 0.000827 | 0.000637 | 0.01111 | 0.00036 | 0.005856 |
| 0 | 0 | 0.001437 | 0.000231 | 0.000831 | 0.001545 | 0.010169 | 0.000874 | 0.005164 |
| 0 | 0 | 0.001304 | 0.000055 | 0.000942 | 0.000444 | 0.010622 | 0.000214 | 0.005152 |
| 0 | 0 | 0.001256 | 0.000318 | 0.001009 | 0.002057 | 0.011301 | 0.000771 | 0.005168 |
| 0 | 0 | 0.001324 | 0.000202 | 0.001214 | 0.001777 | 0.01349 | 0.000604 | 0.005795 |
| 0 | 0 | 0.001617 | 0.000417 | 0.001586 | 0.003607 | 0.018567 | 0.001232 | 0.007441 |
| 0 | 0.001021 | 0.002097 | 0.002943 | 0.001723 | 0.032676 | 0.022069 | 0.011391 | 0.008508 |
| 0 | 0.004316 | 0.001914 | 0.002005 | 0.001901 | 0.031678 | 0.023903 | 0.010697 | 0.009049 |
| 0 | 0 | 0.000419 | 0.000013 | 0.000826 | 0.000096 | 0.00611 | 0.000054 | 0.003441 |
| 0 | 0 | 0.000384 | 0.000068 | 0.000729 | 0.000495 | 0.005587 | 0.00028 | 0.003191 |
| 0 | 0 | 0.00037 | 0.000122 | 0.000713 | 0.000872 | 0.005429 | 0.000493 | 0.003125 |
| 0 | 0 | 0.000355 | 0.000084 | 0.00073 | 0.000567 | 0.005439 | 0.000321 | 0.003137 |
| 0 | 0 | 0.000363 | 0.000135 | 0.000719 | 0.00085 | 0.005385 | 0.000481 | 0.003108 |
| 0 | 0 | 0.000374 | 0.000104 | 0.000715 | 0.000723 | 0.005414 | 0.000409 | 0.003128 |
| 0 | 0 | 0.000399 | 0.000038 | 0.000733 | 0.000233 | 0.005614 | 0.000131 | 0.003245 |
| 0 | 0 | 0.000445 | 0.00013 | 0.000735 | 0.000834 | 0.005754 | 0.000472 | 0.003332 |
| 0 | 0 | 0.000524 | 0 | 0.000775 | 0 | 0.00635 | 0 | 0.003684 |
| 0 | 0 | 0.000681 | 0.000088 | 0.000817 | 0.000558 | 0.007338 | 0.000318 | 0.00427 |
| 0 | 0.000255 | 0.000966 | 0.000339 | 0.000833 | 0.003561 | 0.008742 | 0.002065 | 0.005113 |
| 0 | 0.001933 | 0.001004 | 0.00006 | 0.000922 | 0.010017 | 0.009518 | 0.005963 | 0.005588 |
| 0 | 0 | 0.001243 | 0.000805 | 0.00086 | 0.005747 | 0.010424 | 0.003488 | 0.006142 |
| 0 | 0 | 0.000897 | 0.000152 | 0.000936 | 0.001014 | 0.009424 | 0.000574 | 0.005565 |
| 0 | 0 | 0.000798 | 0.000004 | 0.000807 | 0.000026 | 0.008166 | 0.000014 | 0.0048 |
| 0 | 0 | 0.000759 | 0.00006 | 0.000718 | 0.000418 | 0.007455 | 0.000237 | 0.004374 |
| 0 | 0 | 0.00074 | 0.000187 | 0.000681 | 0.001195 | 0.007188 | 0.000675 | 0.004214 |
| 0 | 0 | 0.000732 | 0.000101 | 0.000675 | 0.000712 | 0.007129 | 0.000403 | 0.004174 |
| 0 | 0 | 0.000727 | 0.000005 | 0.000661 | 0.000026 | 0.007062 | 0.000015 | 0.004132 |
| 0 | 0 | 0.000739 | 0.000222 | 0.000647 | 0.001547 | 0.006981 | 0.000875 | 0.004084 |
| 0 | 0 | 0.00077 | 0.000031 | 0.000712 | 0.000229 | 0.007528 | 0.000129 | 0.004396 |
| 0 | 0 | 0.000824 | 0.000375 | 0.000686 | 0.002554 | 0.007525 | 0.001456 | 0.004394 |

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| 0 | 0 | 0.000908 | 0.000515 | 0.000719 | 0.003311 | 0.008029 | 0.001885 | 0.004683 |
| 0 | 0 | 0.001058 | 0.000414 | 0.000795 | 0.002872 | 0.008843 | 0.001636 | 0.005162 |
| 0 | 0 | 0.001457 | 0.00073 | 0.000894 | 0.003063 | 0.010797 | 0.001744 | 0.006322 |
| 0 | 0.00261 | 0.001633 | 0.001601 | 0.001129 | 0.016674 | 0.011817 | 0.009941 | 0.006881 |
| 0 | 0 | 0.002209 | 0.00212 | 0.001446 | 0.002829 | 0.015109 | 0.001605 | 0.008771 |
| 0 | 0 | 0.001621 | 0.000083 | 0.001605 | 0.000577 | 0.012329 | 0.000327 | 0.007066 |
| 0 | 0 | 0.001406 | 0.000284 | 0.001042 | 0.001472 | 0.010724 | 0.000833 | 0.006102 |
| 0 | 0 | 0.00139 | 0.000041 | 0.000897 | 0.000197 | 0.010561 | 0.000112 | 0.005976 |
| 0 | 0 | 0.001398 | 0.000039 | 0.000818 | 0.000277 | 0.010306 | 0.000157 | 0.005799 |
| 0 | 0 | 0.001479 | 0.000092 | 0.000776 | 0.000667 | 0.010489 | 0.000378 | 0.005866 |
| 0 | 0 | 0.001785 | 0.00011 | 0.000762 | 0.000734 | 0.011354 | 0.000415 | 0.006305 |
| 0 | 0.003514 | 0.001712 | 0.000161 | 0.000752 | 0.012273 | 0.010729 | 0.0069 | 0.005891 |
| 0 | 0.005383 | 0.001956 | 0.000108 | 0.000808 | 0.018226 | 0.011521 | 0.010245 | 0.006272 |
| 0 | 0.00366 | 0.002329 | 0.000228 | 0.000867 | 0.013262 | 0.012837 | 0.007458 | 0.006935 |
| 0 | 0 | 0.002604 | 0.000166 | 0.000953 | 0.001023 | 0.014073 | 0.000579 | 0.007524 |
| 0 | 0 | 0.00204 | 0.000257 | 0.00097 | 0.001653 | 0.012479 | 0.000935 | 0.00646 |
| 0 | 0 | 0.00164 | 0.000174 | 0.001011 | 0.00099 | 0.011914 | 0.000549 | 0.005855 |
| 0 | 0 | 0.001572 | 0.000103 | 0.001159 | 0.000889 | 0.01307 | 0.00033 | 0.006032 |
| 0 | 0 | 0.001648 | 0.000094 | 0.001405 | 0.000752 | 0.015664 | 0.000255 | 0.006747 |
| 0 | 0 | 0.001933 | 0.000143 | 0.00177 | 0.001356 | 0.020444 | 0.000468 | 0.008246 |
| 0 | 0.000597 | 0.002472 | 0.001987 | 0.001858 | 0.021883 | 0.024106 | 0.007631 | 0.009314 |
| 0 | 0.004339 | 0.002225 | 0.00047 | 0.002024 | 0.030811 | 0.023993 | 0.010389 | 0.009125 |
| 0 | 0 | 0.000389 | 0.000111 | 0.000731 | 0.000731 | 0.005596 | 0.000413 | 0.0032 |
| 0 | 0 | 0.000375 | 0.000088 | 0.000741 | 0.000589 | 0.005536 | 0.000333 | 0.003187 |
| 0 | 0 | 0.000362 | 0.000333 | 0.000728 | 0.001789 | 0.005339 | 0.001012 | 0.003081 |
| 0 | 0 | 0.00037 | 0.000062 | 0.0008 | 0.000132 | 0.00573 | 0.000075 | 0.003304 |
| 0 | 0 | 0.000383 | 0.000049 | 0.000805 | 0.000355 | 0.005754 | 0.000201 | 0.003321 |
| 0 | 0 | 0.000407 | 0.000216 | 0.000819 | 0.001309 | 0.005858 | 0.000741 | 0.003386 |
| 0 | 0 | 0.000452 | 0.000026 | 0.000908 | 0.000124 | 0.006466 | 0.000071 | 0.003738 |
| 0 | 0 | 0.000541 | 0.000192 | 0.00092 | 0.001347 | 0.006881 | 0.000768 | 0.003988 |
| 0 | 0 | 0.000776 | 0.000316 | 0.000889 | 0.002272 | 0.007941 | 0.001297 | 0.004626 |
| 0 | 0.001701 | 0.000856 | 0.0001 | 0.000851 | 0.009083 | 0.008302 | 0.005398 | 0.004849 |
| 0 | 0 | 0.001252 | 0.000006 | 0.000832 | 0.000034 | 0.010282 | 0.000019 | 0.006049 |
| 0 | 0 | 0.000896 | 0.000534 | 0.000801 | 0.003641 | 0.008526 | 0.002205 | 0.005018 |
| 0 | 0 | 0.000775 | 0.000559 | 0.00084 | 0.004061 | 0.008265 | 0.00249 | 0.004868 |
| 0 | 0 | 0.000722 | 0.00007 | 0.000892 | 0.000503 | 0.008519 | 0.000284 | 0.005037 |
| 0 | 0 | 0.000699 | 0.000031 | 0.000837 | 0.000229 | 0.008072 | 0.00013 | 0.00476 |
| 0 | 0 | 0.000687 | 0.000099 | 0.000765 | 0.000619 | 0.007555 | 0.00035 | 0.004445 |
| 0 | 0 | 0.000684 | 0.000089 | 0.000692 | 0.00063 | 0.007052 | 0.000356 | 0.004137 |
| 0 | 0 | 0.000684 | 0 | 0.000665 | 0 | 0.006881 | 0 | 0.00403 |
| 0 | 0 | 0.000703 | 0.000146 | 0.000657 | 0.000926 | 0.006857 | 0.000523 | 0.004013 |
| 0 | 0 | 0.000744 | 0.000304 | 0.000678 | 0.001675 | 0.007102 | 0.000948 | 0.004154 |
| 0 | 0 | 0.00082 | 0.000178 | 0.000739 | 0.000967 | 0.007686 | 0.000547 | 0.00449 |
| 0 | 0 | 0.000947 | 0.000002 | 0.000759 | 0 | 0.008327 | 0 | 0.004861 |
| 0 | 0 | 0.001221 | 0.000078 | 0.000767 | 0.000568 | 0.009494 | 0.000321 | 0.005551 |
| 0 | 0 | 0.001838 | 0.000042 | 0.000934 | 0.000244 | 0.012733 | 0.000138 | 0.007448 |
| 0 | 0.003074 | 0.001832 | 0.000654 | 0.001305 | 0.016863 | 0.012863 | 0.00985 | 0.007502 |
| 0 | 0 | 0.001975 | 0.00501 | 0.001071 | 0.004412 | 0.013709 | 0.002506 | 0.007914 |
| 0 | 0 | 0.001276 | 0.000518 | 0.001621 | 0.002814 | 0.010555 | 0.001604 | 0.006022 |
| 0 | 0 | 0.001079 | 0.000342 | 0.001035 | 0.002268 | 0.00939 | 0.001292 | 0.005321 |

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|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 0 | 0 | 0.001 | 0.00014 | 0.00091 | 0.001021 | 0.009019 | 0.000578 | 0.005079 |
| 0 | 0 | 0.000985 | 0.000225 | 0.000844 | 0.001534 | 0.008774 | 0.000868 | 0.00491 |
| 0 | 0 | 0.001028 | 0.000156 | 0.000817 | 0.00113 | 0.008824 | 0.000639 | 0.004905 |
| 0 | 0 | 0.001171 | 0.000158 | 0.000777 | 0.001047 | 0.008993 | 0.000592 | 0.00496 |
| 0 | 0 | 0.001468 | 0.000112 | 0.000783 | 0.000752 | 0.009889 | 0.000425 | 0.005417 |
| 0 | 0 | 0.00178 | 0.000215 | 0.000841 | 0.001194 | 0.010988 | 0.000675 | 0.005979 |
| 0 | 0.00175 | 0.00195 | 0.000624 | 0.000939 | 0.007452 | 0.011809 | 0.004194 | 0.006369 |
| 0 | 0.006624 | 0.001661 | 0.001013 | 0.001019 | 0.02357 | 0.011187 | 0.013253 | 0.005919 |
| 0 | 0.000316 | 0.002842 | 0.000138 | 0.001121 | 0.001871 | 0.015387 | 0.001055 | 0.008119 |
| 0 | 0 | 0.002545 | 0.000118 | 0.001044 | 0.000657 | 0.014904 | 0.000372 | 0.007558 |
| 0 | 0 | 0.002588 | 0.00025 | 0.001271 | 0.001792 | 0.016924 | 0.000819 | 0.008081 |
| 0 | 0 | 0.002706 | 0.00145 | 0.001627 | 0.011003 | 0.019973 | 0.003776 | 0.008946 |
| 0 | 0 | 0.00307 | 0.000728 | 0.00245 | 0.004593 | 0.028386 | 0.001601 | 0.011428 |
| 0 | 0.004995 | 0.0027 | 0.002277 | 0.002491 | 0.042685 | 0.027582 | 0.014498 | 0.010725 |
| 0 | 0 | 0.003159 | 0.000505 | 0.00236 | 0.002373 | 0.029871 | 0.000837 | 0.011168 |
| 0 | 0 | 0.000387 | 0.000016 | 0.000764 | 0.000111 | 0.005678 | 0.000063 | 0.003274 |
| 0 | 0 | 0.000371 | 0.000089 | 0.000809 | 0.000549 | 0.005662 | 0.000311 | 0.003267 |
| 0 | 0 | 0.00038 | 0.000219 | 0.000932 | 0.001379 | 0.006002 | 0.00078 | 0.003461 |
| 0 | 0 | 0.000394 | 0.000255 | 0.001107 | 0.001811 | 0.006512 | 0.001024 | 0.003754 |
| 0 | 0 | 0.000418 | 0.000021 | 0.001219 | 0.00015 | 0.007135 | 0.000086 | 0.004112 |
| 0 | 0 | 0.000468 | 0.000559 | 0.00108 | 0.003122 | 0.006878 | 0.001776 | 0.003975 |
| 0 | 0 | 0.000562 | 0.00108 | 0.000937 | 0.003454 | 0.007217 | 0.001962 | 0.004181 |
| 0 | 0 | 0.000824 | 0.000118 | 0.000972 | 0.000811 | 0.00841 | 0.000459 | 0.004898 |
| 0 | 0.001688 | 0.000909 | 0.000219 | 0.000799 | 0.009018 | 0.008251 | 0.00536 | 0.004824 |
| 0 | 0 | 0.00116 | 0.000021 | 0.000784 | 0.000102 | 0.009476 | 0.000057 | 0.005567 |
| 0 | 0 | 0.00084 | 0.000008 | 0.000792 | 0.000058 | 0.008183 | 0.000033 | 0.004809 |
| 0 | 0 | 0.000744 | 0.000467 | 0.000803 | 0.002949 | 0.007922 | 0.001774 | 0.004664 |
| 0 | 0 | 0.000704 | 0.000892 | 0.000833 | 0.006366 | 0.007967 | 0.003906 | 0.00469 |
| 0 | 0 | 0.000687 | 0.000859 | 0.000861 | 0.005934 | 0.0082 | 0.003597 | 0.004845 |
| 0 | 0 | 0.000679 | 0.000102 | 0.000863 | 0.00071 | 0.008194 | 0.000401 | 0.004842 |
| 0 | 0 | 0.00068 | 0.000152 | 0.000695 | 0.001017 | 0.007051 | 0.000576 | 0.004144 |
| 0 | 0 | 0.000687 | 0.000106 | 0.000661 | 0.000689 | 0.00685 | 0.000389 | 0.004018 |
| 0 | 0 | 0.000717 | 0.00013 | 0.000665 | 0.000917 | 0.006934 | 0.000518 | 0.004063 |
| 0 | 0 | 0.000779 | 0.000264 | 0.00068 | 0.001309 | 0.007209 | 0.00074 | 0.004224 |
| 0 | 0 | 0.000892 | 0.000434 | 0.000676 | 0.001536 | 0.007667 | 0.000869 | 0.004495 |
| 0 | 0 | 0.001166 | 0.000107 | 0.000737 | 0.000718 | 0.00907 | 0.000406 | 0.005318 |
| 0 | 0.000614 | 0.001651 | 0.000229 | 0.00075 | 0.004613 | 0.011381 | 0.002672 | 0.006679 |
| 0 | 0.003547 | 0.001712 | 0.000062 | 0.000907 | 0.018176 | 0.011949 | 0.01064 | 0.006998 |
| 0 | 0.002719 | 0.001817 | 0.001051 | 0.000986 | 0.01482 | 0.012533 | 0.008659 | 0.007304 |
| 0 | 0 | 0.001565 | 0.000153 | 0.001319 | 0.001113 | 0.011699 | 0.00063 | 0.006731 |
| 0 | 0 | 0.001034 | 0.000405 | 0.001 | 0.001496 | 0.008994 | 0.000847 | 0.005115 |
| 0 | 0 | 0.000895 | 0.000225 | 0.000923 | 0.001527 | 0.008368 | 0.000869 | 0.004727 |
| 0 | 0 | 0.000832 | 0.000718 | 0.000801 | 0.003661 | 0.007847 | 0.002084 | 0.004405 |
| 0 | 0 | 0.000819 | 0.000543 | 0.000828 | 0.003573 | 0.007915 | 0.002034 | 0.004417 |
| 0 | 0 | 0.000843 | 0.000433 | 0.000808 | 0.002178 | 0.008065 | 0.001238 | 0.004474 |
| 0 | 0 | 0.000902 | 0.000092 | 0.000845 | 0.000535 | 0.008373 | 0.000303 | 0.004615 |
| 0 | 0 | 0.000992 | 0.000354 | 0.000802 | 0.001955 | 0.008397 | 0.001106 | 0.004586 |
| 0 | 0 | 0.001137 | 0.000269 | 0.000885 | 0.001378 | 0.009134 | 0.000779 | 0.00495 |
| 0 | 0 | 0.001432 | 0.000733 | 0.000933 | 0.002586 | 0.010127 | 0.001463 | 0.005443 |
| 0 | 0 | 0.00198 | 0.00133 | 0.000939 | 0.003297 | 0.012062 | 0.001865 | 0.006439 |

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| 0 | 0.005395 | 0.001652 | 0.000254 | 0.00104 | 0.018865 | 0.011348 | 0.010606 | 0.005892 |
| 0 | 0.005117 | 0.002335 | 0.000083 | 0.001018 | 0.017033 | 0.014161 | 0.009573 | 0.007208 |
| 0 | 0.00505 | 0.002512 | 0.000387 | 0.001255 | 0.017535 | 0.016748 | 0.009858 | 0.008037 |
| 0 | 0.005121 | 0.002732 | 0.001276 | 0.001964 | 0.024747 | 0.022226 | 0.012143 | 0.009751 |
| 0 | 0.003886 | 0.003408 | 0.005555 | 0.002623 | 0.049538 | 0.029211 | 0.017699 | 0.012077 |
| 0 | 0.006471 | 0.003156 | 0.003834 | 0.003757 | 0.060286 | 0.033351 | 0.020549 | 0.012876 |
| 0 | 0 | 0.003024 | 0.000168 | 0.003307 | 0.000679 | 0.031232 | 0.00024 | 0.011679 |
| 0 | 0 | 0.000446 | 0.000005 | 0.000944 | 0.000021 | 0.00649 | 0.000012 | 0.00376 |
| 0 | 0 | 0.000454 | 0.000883 | 0.001118 | 0.002958 | 0.006892 | 0.001674 | 0.003988 |
| 0 | 0 | 0.000466 | 0.002174 | 0.001219 | 0.004997 | 0.007369 | 0.002839 | 0.004258 |
| 0 | 0 | 0.000488 | 0.001614 | 0.001272 | 0.004822 | 0.007363 | 0.00274 | 0.004257 |
| 0 | 0 | 0.000535 | 0.000408 | 0.001155 | 0.002557 | 0.00736 | 0.001451 | 0.00426 |
| 0 | 0 | 0.00062 | 0.000233 | 0.000948 | 0.001334 | 0.007345 | 0.000755 | 0.004263 |
| 0 | 0 | 0.000882 | 0.000186 | 0.000846 | 0.000577 | 0.0083 | 0.000327 | 0.004842 |
| 0 | 0.001739 | 0.000938 | 0.000274 | 0.000798 | 0.00984 | 0.008259 | 0.005833 | 0.00483 |
| 0 | 0 | 0.001175 | 0.000065 | 0.000789 | 0.000441 | 0.009507 | 0.000249 | 0.005578 |
| 0 | 0 | 0.000853 | 0.000079 | 0.000758 | 0.000571 | 0.007955 | 0.000323 | 0.004662 |
| 0 | 0 | 0.000763 | 0.000277 | 0.000778 | 0.001413 | 0.00779 | 0.000799 | 0.004575 |
| 0 | 0 | 0.000729 | 0.000143 | 0.000892 | 0.001039 | 0.008424 | 0.000588 | 0.004968 |
| 0 | 0 | 0.000721 | 0.000861 | 0.000827 | 0.006191 | 0.008011 | 0.003783 | 0.004719 |
| 0 | 0 | 0.000717 | 0.000037 | 0.000877 | 0.00022 | 0.008444 | 0.000124 | 0.004993 |
| 0 | 0 | 0.000719 | 0 | 0.000719 | 0 | 0.00735 | 0 | 0.004324 |
| 0 | 0 | 0.000748 | 0.000126 | 0.000665 | 0.000908 | 0.007075 | 0.000514 | 0.00416 |
| 0 | 0 | 0.000845 | 0.00012 | 0.000693 | 0.000664 | 0.007589 | 0.000376 | 0.004461 |
| 0 | 0 | 0.000961 | 0.000087 | 0.000702 | 0.000585 | 0.008069 | 0.000331 | 0.004747 |
| 0 | 0 | 0.001127 | 0 | 0.000696 | 0 | 0.008811 | 0 | 0.00519 |
| 0 | 0.000734 | 0.001438 | 0.000316 | 0.000663 | 0.004254 | 0.010205 | 0.002542 | 0.006017 |
| 0 | 0.004079 | 0.001348 | 0.000425 | 0.000715 | 0.021934 | 0.009793 | 0.012887 | 0.005773 |
| 0 | 0 | 0.001969 | 0.000282 | 0.000803 | 0.000919 | 0.013115 | 0.00052 | 0.007695 |
| 0 | 0 | 0.001341 | 0.000488 | 0.000844 | 0.00155 | 0.009981 | 0.000877 | 0.005812 |
| 0 | 0 | 0.001013 | 0.000227 | 0.000868 | 0.000908 | 0.008643 | 0.000514 | 0.004946 |
| 0 | 0 | 0.000849 | 0.000144 | 0.000811 | 0.000961 | 0.007759 | 0.000543 | 0.004397 |
| 0 | 0 | 0.000774 | 0.000282 | 0.000754 | 0.001398 | 0.007313 | 0.000791 | 0.00412 |
| 0 | 0 | 0.000731 | 0.000116 | 0.000778 | 0.000629 | 0.007282 | 0.000356 | 0.004078 |
| 0 | 0 | 0.000722 | 0.00005 | 0.000775 | 0.000265 | 0.007286 | 0.00015 | 0.004057 |
| 0 | 0 | 0.000739 | 0.000441 | 0.000736 | 0.002445 | 0.007174 | 0.001388 | 0.003968 |
| 0 | 0 | 0.000778 | 0.000475 | 0.000781 | 0.003178 | 0.007513 | 0.001811 | 0.00413 |
| 0 | 0 | 0.000835 | 0.000517 | 0.000803 | 0.00276 | 0.007941 | 0.001572 | 0.004336 |
| 0 | 0 | 0.000922 | 0.000221 | 0.000858 | 0.001455 | 0.008397 | 0.000823 | 0.004548 |
| 0 | 0 | 0.001065 | 0.000283 | 0.000855 | 0.001984 | 0.008718 | 0.001123 | 0.004669 |
| 0 | 0 | 0.001315 | 0.000098 | 0.00091 | 0.000621 | 0.00991 | 0.000352 | 0.00526 |
| 0 | 0 | 0.001727 | 0.000132 | 0.000887 | 0.000927 | 0.011395 | 0.000524 | 0.005968 |
| 0 | 0 | 0.002001 | 0.000108 | 0.000961 | 0.000734 | 0.013033 | 0.000415 | 0.006678 |
| 0 | 0 | 0.002358 | 0.000078 | 0.001215 | 0.000567 | 0.016196 | 0.000321 | 0.008009 |
| 0 | 0.000813 | 0.002708 | 0.000296 | 0.00194 | 0.006455 | 0.021975 | 0.003325 | 0.009935 |
| 0 | 0.003648 | 0.002749 | 0.005011 | 0.002847 | 0.045505 | 0.026257 | 0.016737 | 0.010949 |
| 0 | 0.006243 | 0.00234 | 0.013225 | 0.002697 | 0.076983 | 0.025537 | 0.026579 | 0.01018 |
| 0 | 0 | 0.002262 | 0.000289 | 0.003738 | 0.000762 | 0.02676 | 0.000269 | 0.010156 |
| 0 | 0 | 0.000477 | 0.000633 | 0.000969 | 0.00207 | 0.006876 | 0.001178 | 0.003976 |
| 0 | 0 | 0.00049 | 0.001239 | 0.001129 | 0.004547 | 0.007158 | 0.002586 | 0.004134 |

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| 0 | 0 | 0.000505 | 0.001567 | 0.001197 | 0.004428 | 0.007486 | 0.002518 | 0.00432 |
| 0 | 0 | 0.000534 | 0.000033 | 0.001246 | 0.000075 | 0.007711 | 0.000042 | 0.004449 |
| 0 | 0 | 0.000586 | 0.00001 | 0.000939 | 0.000073 | 0.00709 | 0.000041 | 0.004101 |
| 0 | 0 | 0.000672 | 0.000162 | 0.00082 | 0.001087 | 0.007078 | 0.000615 | 0.004105 |
| 0 | 0 | 0.000944 | 0.000194 | 0.000805 | 0.001333 | 0.008328 | 0.000754 | 0.004861 |
| 0 | 0.001735 | 0.001017 | 0.000504 | 0.000755 | 0.00988 | 0.008599 | 0.005855 | 0.00503 |
| 0 | 0 | 0.001236 | 0.000197 | 0.000766 | 0.001429 | 0.00954 | 0.000809 | 0.005598 |
| 0 | 0 | 0.00091 | 0.000092 | 0.000753 | 0.000651 | 0.008085 | 0.000368 | 0.004732 |
| 0 | 0 | 0.000847 | 0.000175 | 0.00079 | 0.001171 | 0.007921 | 0.000662 | 0.004642 |
| 0 | 0 | 0.000876 | 0.000126 | 0.00088 | 0.000701 | 0.008716 | 0.000396 | 0.005127 |
| 0 | 0 | 0.000903 | 0.000762 | 0.000832 | 0.005516 | 0.008667 | 0.003362 | 0.005107 |
| 0 | 0 | 0.000886 | 0.000159 | 0.000862 | 0.001041 | 0.009042 | 0.000589 | 0.005353 |
| 0 | 0 | 0.000875 | 0.000056 | 0.000744 | 0.000374 | 0.00822 | 0.000212 | 0.00485 |
| 0 | 0.000053 | 0.000903 | 0.000033 | 0.000704 | 0.000493 | 0.007995 | 0.000288 | 0.004712 |
| 0 | 0.000952 | 0.000851 | 0.000573 | 0.000644 | 0.006193 | 0.007476 | 0.003673 | 0.0044 |
| 0 | 0.000822 | 0.00098 | 0.000142 | 0.000714 | 0.004904 | 0.008182 | 0.002921 | 0.004817 |
| 0 | 0.000816 | 0.001168 | 0.000058 | 0.000663 | 0.004193 | 0.008987 | 0.002517 | 0.005306 |
| 0 | 0.001978 | 0.001295 | 0.000031 | 0.000675 | 0.010079 | 0.009566 | 0.006154 | 0.005643 |
| 0 | 0 | 0.001665 | 0.000117 | 0.000689 | 0.000846 | 0.011423 | 0.000479 | 0.00676 |
| 0 | 0 | 0.001162 | 0.000125 | 0.000717 | 0.000865 | 0.009001 | 0.000489 | 0.00528 |
| 0 | 0 | 0.000927 | 0.000156 | 0.000744 | 0.000876 | 0.007981 | 0.000496 | 0.004635 |
| 0 | 0 | 0.000806 | 0.000215 | 0.000731 | 0.001368 | 0.007404 | 0.000774 | 0.004219 |
| 0 | 0 | 0.00073 | 0 | 0.000721 | 0 | 0.007088 | 0 | 0.004001 |
| 0 | 0 | 0.00069 | 0.000075 | 0.00069 | 0.000529 | 0.006698 | 0.000299 | 0.003758 |
| 0 | 0 | 0.000663 | 0.000267 | 0.000664 | 0.00092 | 0.006536 | 0.000521 | 0.003645 |
| 0 | 0 | 0.00066 | 0.000067 | 0.000699 | 0.000453 | 0.006615 | 0.000256 | 0.003668 |
| 0 | 0 | 0.000677 | 0.000169 | 0.0007 | 0.000868 | 0.006781 | 0.000491 | 0.003739 |
| 0 | 0 | 0.000709 | 0 | 0.000783 | 0 | 0.007395 | 0 | 0.004061 |
| 0 | 0 | 0.000758 | 0.000418 | 0.000767 | 0.0027 | 0.007473 | 0.00154 | 0.004072 |
| 0 | 0 | 0.000831 | 0.000061 | 0.000841 | 0.000432 | 0.008207 | 0.000245 | 0.00445 |
| 0 | 0 | 0.000937 | 0.000039 | 0.000816 | 0.000196 | 0.008409 | 0.000111 | 0.004516 |
| 0 | 0 | 0.001091 | 0.000239 | 0.000815 | 0.001578 | 0.008965 | 0.000893 | 0.004766 |
| 0 | 0 | 0.001337 | 0.000232 | 0.000857 | 0.00144 | 0.010308 | 0.000815 | 0.005446 |
| 0 | 0 | 0.001772 | 0.000124 | 0.000931 | 0.000846 | 0.012709 | 0.000479 | 0.006701 |
| 0 | 0.001741 | 0.001937 | 0.000489 | 0.001047 | 0.01018 | 0.01422 | 0.006177 | 0.00722 |
| 0 | 0.00236 | 0.001983 | 0.000127 | 0.001566 | 0.012201 | 0.016927 | 0.007398 | 0.007952 |
| 0 | 0 | 0.002181 | 0.001654 | 0.002322 | 0.007028 | 0.021266 | 0.00243 | 0.009241 |
| 0 | 0 | 0.001704 | 0.006046 | 0.002332 | 0.025099 | 0.018408 | 0.008847 | 0.007498 |
| 0 | 0 | 0.001134 | 0 | 0.002382 | 0.000002 | 0.015876 | 0.000001 | 0.006344 |
| 0 | 0 | 0.000545 | 0.000061 | 0.001071 | 0.000444 | 0.00742 | 0.000251 | 0.004269 |
| 0 | 0 | 0.000573 | 0.000382 | 0.001023 | 0.002587 | 0.007201 | 0.001473 | 0.004144 |
| 0 | 0 | 0.000612 | 0.000173 | 0.000983 | 0.001222 | 0.007462 | 0.000696 | 0.004294 |
| 0 | 0 | 0.000683 | 0.00003 | 0.000919 | 0.000219 | 0.007574 | 0.000124 | 0.004364 |
| 0 | 0 | 0.000797 | 0.000026 | 0.000861 | 0.00017 | 0.007846 | 0.000097 | 0.004536 |
| 0 | 0 | 0.00111 | 0.000189 | 0.000807 | 0.001368 | 0.009033 | 0.000774 | 0.005268 |
| 0 | 0.001868 | 0.001158 | 0.000067 | 0.000797 | 0.009335 | 0.009244 | 0.005567 | 0.005405 |
| 0 | 0 | 0.001399 | 0 | 0.000751 | 0 | 0.010233 | 0 | 0.006004 |
| 0 | 0 | 0.001107 | 0.000053 | 0.000761 | 0.000294 | 0.008857 | 0.000166 | 0.005186 |
| 0 | 0.000216 | 0.001003 | 0.000631 | 0.000756 | 0.0028 | 0.008461 | 0.001617 | 0.004955 |
| 0 | 0.001039 | 0.000876 | 0.000438 | 0.000853 | 0.006074 | 0.0084 | 0.003598 | 0.004924 |

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| 0 | 0.000976 | 0.000885 | 0.000462 | 0.000851 | 0.007561 | 0.008605 | 0.004543 | 0.005061 |
| 0 | 0.00082 | 0.000863 | 0.000535 | 0.00081 | 0.007345 | 0.00853 | 0.004446 | 0.005025 |
| 0 | 0.000811 | 0.000839 | 0.000088 | 0.000812 | 0.004438 | 0.008489 | 0.002655 | 0.00501 |
| 0 | 0.000786 | 0.000823 | 0.000031 | 0.000722 | 0.003847 | 0.007783 | 0.002317 | 0.004576 |
| 0 | 0 | 0.000928 | 0.000177 | 0.000699 | 0.000811 | 0.008068 | 0.000459 | 0.004744 |
| 0 | 0 | 0.000932 | 0.000125 | 0.000694 | 0.000891 | 0.008035 | 0.000504 | 0.004723 |
| 0 | 0 | 0.001206 | 0.00007 | 0.000698 | 0.000463 | 0.009383 | 0.000262 | 0.005542 |
| 0 | 0.001678 | 0.001224 | 0.000223 | 0.00068 | 0.009603 | 0.009328 | 0.00583 | 0.005508 |
| 0 | 0 | 0.00133 | 0.000057 | 0.000698 | 0.000384 | 0.009958 | 0.000217 | 0.005883 |
| 0 | 0 | 0.000935 | 0.000167 | 0.000673 | 0.001152 | 0.007832 | 0.000652 | 0.004582 |
| 0 | 0 | 0.000781 | 0.000294 | 0.000672 | 0.001639 | 0.007147 | 0.000928 | 0.004134 |
| 0 | 0 | 0.000713 | 0.00018 | 0.0007 | 0.000995 | 0.007012 | 0.000563 | 0.003973 |
| 0 | 0 | 0.000666 | 0.000054 | 0.000682 | 0.000393 | 0.006677 | 0.000223 | 0.003746 |
| 0 | 0 | 0.000643 | 0.000159 | 0.000652 | 0.000891 | 0.006397 | 0.000504 | 0.003568 |
| 0 | 0 | 0.000627 | 0.000159 | 0.000647 | 0.001006 | 0.006261 | 0.000569 | 0.003471 |
| 0 | 0 | 0.000632 | 0.000006 | 0.000669 | 0.000011 | 0.006451 | 0.000006 | 0.003559 |
| 0 | 0 | 0.000651 | 0.000224 | 0.000669 | 0.001378 | 0.006508 | 0.00078 | 0.00357 |
| 0 | 0 | 0.000682 | 0.000138 | 0.00075 | 0.000909 | 0.007129 | 0.000514 | 0.003898 |
| 0 | 0 | 0.00073 | 0.000539 | 0.000765 | 0.00365 | 0.007374 | 0.002079 | 0.00401 |
| 0 | 0 | 0.000805 | 0.000263 | 0.000856 | 0.00175 | 0.008236 | 0.000994 | 0.004472 |
| 0 | 0 | 0.000931 | 0.000131 | 0.000877 | 0.000835 | 0.008813 | 0.000473 | 0.004776 |
| 0 | 0 | 0.001178 | 0.000461 | 0.000844 | 0.002103 | 0.00974 | 0.00119 | 0.005293 |
| 0 | 0.000419 | 0.001586 | 0.000034 | 0.000909 | 0.002175 | 0.01183 | 0.001339 | 0.006477 |
| 0 | 0.002917 | 0.001581 | 0.000034 | 0.000879 | 0.01401 | 0.011679 | 0.008682 | 0.006241 |
| 0 | 0.001704 | 0.001791 | 0.000094 | 0.00095 | 0.008706 | 0.013069 | 0.005367 | 0.006858 |
| 0 | 0 | 0.001648 | 0.000061 | 0.001144 | 0.0003 | 0.013423 | 0.000169 | 0.006672 |
| 0 | 0 | 0.001211 | 0.000138 | 0.001506 | 0.000821 | 0.012807 | 0.000419 | 0.005763 |
| 0 | 0 | 0.000944 | 0.00189 | 0.0014 | 0.008423 | 0.010917 | 0.002969 | 0.004797 |
| 0 | 0 | 0.000745 | 0 | 0.001257 | 0 | 0.009357 | 0 | 0.004013 |
| 0 | 0 | 0.000667 | 0.000161 | 0.000911 | 0.001023 | 0.007328 | 0.000579 | 0.004204 |
| 0 | 0 | 0.000712 | 0.000093 | 0.000962 | 0.000646 | 0.007785 | 0.000366 | 0.004463 |
| 0 | 0 | 0.00078 | 0.000435 | 0.000946 | 0.002961 | 0.007898 | 0.001687 | 0.004529 |
| 0 | 0 | 0.000887 | 0.000276 | 0.001005 | 0.001609 | 0.008747 | 0.000914 | 0.005021 |
| 0 | 0 | 0.00111 | 0.000105 | 0.001001 | 0.000672 | 0.009703 | 0.00038 | 0.005599 |
| 0 | 0.000802 | 0.001413 | 0.000111 | 0.000931 | 0.004715 | 0.010738 | 0.00279 | 0.006246 |
| 0 | 0.001073 | 0.001635 | 0.000022 | 0.000861 | 0.005407 | 0.011487 | 0.003223 | 0.006716 |
| 0 | 0.000984 | 0.001383 | 0.000024 | 0.000797 | 0.004826 | 0.010099 | 0.002883 | 0.005898 |
| 0 | 0.000959 | 0.001145 | 0.000063 | 0.000792 | 0.005116 | 0.008971 | 0.003043 | 0.005233 |
| 0 | 0.000804 | 0.00101 | 0.000317 | 0.000795 | 0.00473 | 0.008518 | 0.002801 | 0.004966 |
| 0 | 0 | 0.000992 | 0.000155 | 0.000819 | 0.000954 | 0.008613 | 0.000539 | 0.005031 |
| 0 | 0 | 0.000855 | 0 | 0.000851 | 0 | 0.008524 | 0 | 0.004992 |
| 0 | 0 | 0.000812 | 0.000837 | 0.000774 | 0.005765 | 0.007954 | 0.003511 | 0.004657 |
| 0 | 0 | 0.000797 | 0.000091 | 0.000874 | 0.000594 | 0.008653 | 0.000336 | 0.005085 |
| 0 | 0 | 0.000785 | 0.000121 | 0.000735 | 0.000852 | 0.007647 | 0.000482 | 0.004469 |
| 0 | 0 | 0.000797 | 0.000185 | 0.000706 | 0.001288 | 0.0075 | 0.000729 | 0.004376 |
| 0 | 0 | 0.000963 | 0.000136 | 0.000721 | 0.000936 | 0.008343 | 0.000529 | 0.004881 |
| 0 | 0.001217 | 0.001095 | 0.000443 | 0.000705 | 0.007734 | 0.008903 | 0.004664 | 0.005216 |
| 0 | 0.001472 | 0.001185 | 0.000257 | 0.000747 | 0.00875 | 0.009422 | 0.005299 | 0.00552 |
| 0 | 0 | 0.001104 | 0.000104 | 0.000715 | 0.000728 | 0.008938 | 0.000411 | 0.005219 |
| 0 | 0 | 0.000808 | 0.000087 | 0.000691 | 0.000631 | 0.007373 | 0.000357 | 0.004252 |

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| 0 | 0 | 0.000706 | 0.000152 | 0.000675 | 0.00103 | 0.006828 | 0.000583 | 0.003892 |
| 0 | 0 | 0.000664 | 0.000192 | 0.00068 | 0.001201 | 0.006698 | 0.000679 | 0.003737 |
| 0 | 0 | 0.000635 | 0.000149 | 0.000673 | 0.001058 | 0.006489 | 0.000599 | 0.003582 |
| 0 | 0 | 0.000623 | 0.000108 | 0.00066 | 0.000579 | 0.006361 | 0.000328 | 0.003489 |
| 0 | 0 | 0.000617 | 0.000016 | 0.000656 | 0.000117 | 0.00629 | 0.000066 | 0.00343 |
| 0 | 0 | 0.000627 | 0.000143 | 0.000657 | 0.000981 | 0.006316 | 0.000555 | 0.003426 |
| 0 | 0 | 0.000649 | 0.000189 | 0.000712 | 0.001091 | 0.006767 | 0.000617 | 0.003662 |
| 0 | 0 | 0.000684 | 0.000096 | 0.000788 | 0.000644 | 0.007338 | 0.000364 | 0.003965 |
| 0 | 0 | 0.000736 | 0.000217 | 0.000854 | 0.001338 | 0.007909 | 0.000757 | 0.00427 |
| 0 | 0 | 0.000823 | 0.000478 | 0.000898 | 0.003026 | 0.008385 | 0.001724 | 0.004538 |
| 0 | 0 | 0.001039 | 0.000412 | 0.000993 | 0.002827 | 0.009629 | 0.001611 | 0.005275 |
| 0 | 0.000691 | 0.001394 | 0.000316 | 0.001013 | 0.005044 | 0.011228 | 0.003033 | 0.006253 |
| 0 | 0.003037 | 0.001418 | 0.000241 | 0.000902 | 0.015515 | 0.010849 | 0.009563 | 0.005973 |
| 0 | 0 | 0.001796 | 0.000012 | 0.000841 | 0.000086 | 0.012537 | 0.000048 | 0.00693 |
| 0 | 0 | 0.001289 | 0.000102 | 0.000822 | 0.000741 | 0.010176 | 0.000419 | 0.005333 |
| 0 | 0 | 0.001026 | 0.00018 | 0.000876 | 0.001303 | 0.009228 | 0.000737 | 0.004573 |
| 0 | 0 | 0.000857 | 0.000178 | 0.000947 | 0.001242 | 0.008667 | 0.000703 | 0.00411 |
| 0 | 0 | 0.000692 | 0.000273 | 0.000872 | 0.001235 | 0.007496 | 0.000704 | 0.003474 |
| 0 | 0 | 0.000571 | 0 | 0.000694 | 0 | 0.006059 | 0 | 0.002803 |
| 0 | 0 | 0.000866 | 0.00012 | 0.000943 | 0.000868 | 0.008261 | 0.000491 | 0.004712 |
| 0 | 0 | 0.001 | 0.00017 | 0.001084 | 0.000764 | 0.009322 | 0.000432 | 0.00532 |
| 0 | 0 | 0.001308 | 0.0005 | 0.001255 | 0.003079 | 0.010938 | 0.001756 | 0.006256 |
| 0 | 0 | 0.001818 | 0.000332 | 0.001367 | 0.001957 | 0.013731 | 0.00111 | 0.007899 |
| 0 | 0.002605 | 0.001777 | 0.000047 | 0.001289 | 0.012861 | 0.013304 | 0.007697 | 0.007664 |
| 0 | 0.001002 | 0.001827 | 0.00002 | 0.001084 | 0.005045 | 0.012945 | 0.00301 | 0.007509 |
| 0 | 0.000023 | 0.00136 | 0.000016 | 0.000903 | 0.000217 | 0.010331 | 0.000126 | 0.005981 |
| 0 | 0 | 0.001045 | 0.000107 | 0.000813 | 0.000422 | 0.00864 | 0.000239 | 0.004989 |
| 0 | 0 | 0.000902 | 0.000184 | 0.000792 | 0.001198 | 0.007959 | 0.000678 | 0.004593 |
| 0 | 0 | 0.000792 | 0.000076 | 0.000791 | 0.000484 | 0.007704 | 0.000274 | 0.004444 |
| 0 | 0 | 0.000738 | 0.000017 | 0.000843 | 0.00009 | 0.007939 | 0.000051 | 0.0046 |
| 0 | 0 | 0.000715 | 0.000808 | 0.000826 | 0.005753 | 0.007719 | 0.003487 | 0.004475 |
| 0 | 0 | 0.000715 | 0.00006 | 0.00091 | 0.000414 | 0.008383 | 0.000235 | 0.004882 |
| 0 | 0 | 0.000737 | 0.000107 | 0.00075 | 0.000747 | 0.007459 | 0.000422 | 0.004321 |
| 0 | 0 | 0.000868 | 0.000123 | 0.000724 | 0.000699 | 0.007938 | 0.000395 | 0.004606 |
| 0 | 0.000809 | 0.001022 | 0.00011 | 0.000748 | 0.004791 | 0.008699 | 0.002902 | 0.005057 |
| 0 | 0.001119 | 0.001183 | 0.000338 | 0.00075 | 0.006734 | 0.009515 | 0.004075 | 0.00554 |
| 0 | 0 | 0.001168 | 0.000176 | 0.000764 | 0.001087 | 0.009411 | 0.000615 | 0.005463 |
| 0 | 0 | 0.00087 | 0.000127 | 0.000738 | 0.000827 | 0.007925 | 0.000468 | 0.004539 |
| 0 | 0 | 0.000751 | 0.000159 | 0.000711 | 0.001055 | 0.007247 | 0.000597 | 0.004112 |
| 0 | 0 | 0.000688 | 0 | 0.000713 | 0 | 0.007031 | 0 | 0.003943 |
| 0 | 0 | 0.000664 | 0.000122 | 0.000697 | 0.000663 | 0.006823 | 0.000375 | 0.003744 |
| 0 | 0 | 0.000644 | 0.000041 | 0.0007 | 0.000265 | 0.006703 | 0.00015 | 0.003639 |
| 0 | 0 | 0.000637 | 0.000059 | 0.000668 | 0.000374 | 0.006451 | 0.000212 | 0.003475 |
| 0 | 0 | 0.000635 | 0 | 0.00067 | 0 | 0.006444 | 0 | 0.003452 |
| 0 | 0 | 0.000648 | 0.000144 | 0.000681 | 0.000822 | 0.006571 | 0.000465 | 0.003506 |
| 0 | 0 | 0.000673 | 0.000187 | 0.000734 | 0.00127 | 0.006977 | 0.000719 | 0.003721 |
| 0 | 0 | 0.000712 | 0.000381 | 0.000765 | 0.002467 | 0.007322 | 0.001396 | 0.003901 |
| 0 | 0 | 0.000771 | 0.000341 | 0.000848 | 0.002003 | 0.008007 | 0.001133 | 0.004287 |
| 0 | 0 | 0.000876 | 0.000337 | 0.000986 | 0.002273 | 0.008847 | 0.001285 | 0.004792 |
| 0 | 0 | 0.0012 | 0.001372 | 0.000993 | 0.004639 | 0.010302 | 0.002638 | 0.005726 |

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|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 0 | 0.002751 | 0.001286 | 0.000774 | 0.001071 | 0.014702 | 0.010816 | 0.00903 | 0.006046 |
| 0 | 0 | 0.001821 | 0.000093 | 0.000915 | 0.000639 | 0.012651 | 0.000362 | 0.007176 |
| 0 | 0 | 0.001178 | 0.000149 | 0.000748 | 0.000971 | 0.009255 | 0.000549 | 0.005026 |
| 0 | 0 | 0.000931 | 0.000172 | 0.00072 | 0.001194 | 0.008076 | 0.000675 | 0.004217 |
| 0 | 0 | 0.000786 | 0.000066 | 0.000732 | 0.000397 | 0.007495 | 0.000225 | 0.003781 |
| 0 | 0 | 0.000673 | 0.000115 | 0.000688 | 0.000623 | 0.006657 | 0.000353 | 0.003278 |
| 0 | 0 | 0.000555 | 0.000031 | 0.000585 | 0.000225 | 0.005539 | 0.000127 | 0.002711 |
| 0 | 0 | 0.000467 | 0 | 0.000466 | 0 | 0.004546 | 0 | 0.002182 |
| 0 | 0 | 0.00108 | 0.000088 | 0.000956 | 0.000557 | 0.009251 | 0.000315 | 0.005278 |
| 0 | 0 | 0.001425 | 0.000315 | 0.001192 | 0.001311 | 0.011374 | 0.000742 | 0.006505 |
| 0 | 0.001695 | 0.001677 | 0.002201 | 0.001352 | 0.012049 | 0.012996 | 0.006965 | 0.007436 |
| 0 | 0.004065 | 0.001688 | 0.00143 | 0.001844 | 0.023431 | 0.013527 | 0.013521 | 0.007753 |
| 0 | 0.00251 | 0.00186 | 0.001122 | 0.001656 | 0.015157 | 0.014188 | 0.00876 | 0.008158 |
| 0 | 0 | 0.001578 | 0.00036 | 0.00125 | 0.002277 | 0.012221 | 0.001298 | 0.00703 |
| 0 | 0 | 0.001019 | 0 | 0.000977 | 0 | 0.009182 | 0 | 0.005262 |
| 0 | 0 | 0.000849 | 0 | 0.000838 | 0 | 0.007895 | 0 | 0.004518 |
| 0 | 0 | 0.000762 | 0.000165 | 0.000789 | 0.001096 | 0.007386 | 0.00062 | 0.004226 |
| 0 | 0 | 0.000709 | 0.000072 | 0.000797 | 0.000518 | 0.007407 | 0.000293 | 0.004242 |
| 0 | 0 | 0.000681 | 0.000134 | 0.000857 | 0.0009 | 0.007744 | 0.000509 | 0.00446 |
| 0 | 0 | 0.000673 | 0.001034 | 0.000826 | 0.005727 | 0.00766 | 0.003472 | 0.004416 |
| 0 | 0 | 0.000683 | 0 | 0.000932 | 0 | 0.008266 | 0 | 0.004791 |
| 0 | 0 | 0.000726 | 0.00008 | 0.000758 | 0.000525 | 0.007426 | 0.000297 | 0.004283 |
| 0 | 0 | 0.000933 | 0 | 0.000779 | 0 | 0.008449 | 0 | 0.004893 |
| 0 | 0.001776 | 0.000964 | 0.00034 | 0.000759 | 0.010528 | 0.008364 | 0.006376 | 0.004834 |
| 0 | 0 | 0.001291 | 0.00011 | 0.000815 | 0.00073 | 0.010181 | 0.000412 | 0.00592 |
| 0 | 0 | 0.000924 | 0.00012 | 0.000769 | 0.000587 | 0.008277 | 0.000332 | 0.004738 |
| 0 | 0 | 0.000789 | 0.000269 | 0.000726 | 0.001772 | 0.007441 | 0.001003 | 0.004218 |
| 0 | 0 | 0.000714 | 0.000238 | 0.000719 | 0.001693 | 0.007098 | 0.000958 | 0.003988 |
| 0 | 0 | 0.000671 | 0.000154 | 0.000711 | 0.001035 | 0.006897 | 0.000586 | 0.003828 |
| 0 | 0 | 0.000661 | 0.000224 | 0.000716 | 0.001402 | 0.006823 | 0.000793 | 0.003705 |
| 0 | 0 | 0.000647 | 0.000078 | 0.000723 | 0.000563 | 0.006768 | 0.000318 | 0.003639 |
| 0 | 0 | 0.000646 | 0 | 0.000704 | 0 | 0.006671 | 0 | 0.003564 |
| 0 | 0 | 0.000646 | 0.000088 | 0.000687 | 0.000332 | 0.006607 | 0.000188 | 0.00351 |
| 0 | 0 | 0.000662 | 0.000076 | 0.000716 | 0.000527 | 0.006807 | 0.000298 | 0.003609 |
| 0 | 0 | 0.000693 | 0.000084 | 0.000742 | 0.000573 | 0.007112 | 0.000324 | 0.003771 |
| 0 | 0 | 0.000745 | 0.000114 | 0.000777 | 0.000799 | 0.00752 | 0.000453 | 0.003996 |
| 0 | 0 | 0.000827 | 0.000089 | 0.000838 | 0.000605 | 0.00813 | 0.000343 | 0.004354 |
| 0 | 0 | 0.001001 | 0.000403 | 0.000935 | 0.002089 | 0.009101 | 0.001182 | 0.004962 |
| 0 | 0 | 0.001448 | 0.001584 | 0.000908 | 0.005015 | 0.011014 | 0.002852 | 0.006221 |
| 0 | 0.002784 | 0.001371 | 0.000365 | 0.001009 | 0.014527 | 0.010817 | 0.008939 | 0.006114 |
| 0 | 0 | 0.001502 | 0.000106 | 0.000776 | 0.000762 | 0.010785 | 0.000431 | 0.0061 |
| 0 | 0 | 0.000948 | 0.000181 | 0.000662 | 0.001301 | 0.007847 | 0.000736 | 0.004251 |
| 0 | 0 | 0.00076 | 0.000083 | 0.000637 | 0.000597 | 0.006947 | 0.000338 | 0.003647 |
| 0 | 0 | 0.000646 | 0.000166 | 0.000585 | 0.001204 | 0.006072 | 0.000681 | 0.003094 |
| 0 | 0 | 0.000555 | 0.000208 | 0.00052 | 0.001214 | 0.005289 | 0.000687 | 0.002656 |
| 0 | 0 | 0.000466 | 0.000039 | 0.000438 | 0.00028 | 0.004423 | 0.000158 | 0.002212 |
| 0 | 0 | 0.00155 | 0.000154 | 0.000984 | 0.001051 | 0.011537 | 0.000594 | 0.006612 |
| 0 | 0.002122 | 0.001593 | 0.000593 | 0.001158 | 0.01232 | 0.012234 | 0.007186 | 0.006999 |
| 0 | 0.001747 | 0.001781 | 0.000758 | 0.001605 | 0.010098 | 0.013865 | 0.005891 | 0.00793 |
| 0 | 0 | 0.001781 | 0.005325 | 0.001203 | 0.006236 | 0.013452 | 0.003528 | 0.007696 |

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| 0 | 0 | 0.001354 | 0.000314 | 0.001839 | 0.002102 | 0.011938 | 0.00119 | 0.006821 |
| 0 | 0 | 0.001043 | 0.000541 | 0.001099 | 0.003776 | 0.009475 | 0.002147 | 0.005411 |
| 0 | 0 | 0.000855 | 0.00005 | 0.000965 | 0.000302 | 0.00858 | 0.00017 | 0.004888 |
| 0 | 0 | 0.000762 | 0.000147 | 0.000821 | 0.000651 | 0.007536 | 0.000368 | 0.004289 |
| 0 | 0 | 0.000705 | 0.00026 | 0.000781 | 0.001368 | 0.007172 | 0.000774 | 0.004082 |
| 0 | 0 | 0.000669 | 0.000143 | 0.00079 | 0.000941 | 0.007202 | 0.000532 | 0.004104 |
| 0 | 0 | 0.000651 | 0.000183 | 0.000845 | 0.001218 | 0.00757 | 0.000689 | 0.004343 |
| 0 | 0 | 0.000648 | 0.000856 | 0.000833 | 0.005402 | 0.007529 | 0.003288 | 0.004322 |
| 0 | 0 | 0.000666 | 0 | 0.000921 | 0 | 0.008212 | 0 | 0.004743 |
| 0 | 0 | 0.00072 | 0.000125 | 0.0008 | 0.000854 | 0.007615 | 0.000483 | 0.004379 |
| 0 | 0 | 0.000948 | 0.000305 | 0.000811 | 0.001218 | 0.008584 | 0.000689 | 0.004962 |
| 0 | 0.001705 | 0.000985 | 0.000338 | 0.000876 | 0.009191 | 0.008794 | 0.005603 | 0.005069 |
| 0 | 0 | 0.001206 | 0.000211 | 0.00087 | 0.00098 | 0.009744 | 0.000554 | 0.005636 |
| 0 | 0 | 0.000869 | 0.000135 | 0.000786 | 0.000919 | 0.008001 | 0.00052 | 0.00455 |
| 0 | 0 | 0.000762 | 0.000021 | 0.00076 | 0.000154 | 0.00753 | 0.000087 | 0.004242 |
| 0 | 0 | 0.000703 | 0.000158 | 0.000722 | 0.000794 | 0.007095 | 0.000449 | 0.003961 |
| 0 | 0 | 0.000667 | 0 | 0.000757 | 0 | 0.007068 | 0 | 0.003897 |
| 0 | 0 | 0.000663 | 0.000255 | 0.000745 | 0.000639 | 0.007024 | 0.000362 | 0.003792 |
| 0 | 0 | 0.000655 | 0.000055 | 0.000769 | 0.000268 | 0.006985 | 0.000152 | 0.003735 |
| 0 | 0 | 0.000656 | 0.000122 | 0.000724 | 0.000622 | 0.006827 | 0.000352 | 0.003629 |
| 0 | 0 | 0.000662 | 0.000153 | 0.000718 | 0.001011 | 0.006809 | 0.000572 | 0.003604 |
| 0 | 0 | 0.000686 | 0.000111 | 0.000734 | 0.000657 | 0.007016 | 0.000372 | 0.003713 |
| 0 | 0 | 0.000728 | 0.000076 | 0.000756 | 0.00055 | 0.007294 | 0.000311 | 0.003867 |
| 0 | 0 | 0.000802 | 0.000137 | 0.000784 | 0.000863 | 0.00776 | 0.000489 | 0.004138 |
| 0 | 0 | 0.00096 | 0.000091 | 0.00084 | 0.00063 | 0.008675 | 0.000357 | 0.004694 |
| 0 | 0 | 0.001367 | 0.000165 | 0.000891 | 0.00109 | 0.010582 | 0.000616 | 0.005906 |
| 0 | 0.0028 | 0.001319 | 0.000505 | 0.000849 | 0.014763 | 0.010128 | 0.009078 | 0.005714 |
| 0 | 0.000471 | 0.001631 | 0.000186 | 0.000766 | 0.003539 | 0.011233 | 0.002125 | 0.006453 |
| 0 | 0 | 0.001074 | 0.000174 | 0.000644 | 0.001165 | 0.008336 | 0.000659 | 0.004652 |
| 0 | 0 | 0.000775 | 0.000125 | 0.000594 | 0.000902 | 0.006775 | 0.00051 | 0.003662 |
| 0 | 0 | 0.000637 | 0.000125 | 0.000534 | 0.000903 | 0.005808 | 0.000511 | 0.003053 |
| 0 | 0 | 0.000545 | 0 | 0.000494 | 0 | 0.005141 | 0 | 0.002645 |
| 0 | 0 | 0.000469 | 0.000032 | 0.000413 | 0.000212 | 0.004308 | 0.00012 | 0.002188 |
| 0 | 0 | 0.000396 | 0 | 0.000339 | 0 | 0.003588 | 0 | 0.001811 |
| 0 | 0.001155 | 0.001785 | 0.00042 | 0.0011 | 0.00821 | 0.012983 | 0.004762 | 0.007444 |
| 0 | 0 | 0.001533 | 0.0003 | 0.001297 | 0.002174 | 0.012194 | 0.00123 | 0.006962 |
| 0 | 0 | 0.001154 | 0.000202 | 0.001425 | 0.001464 | 0.010559 | 0.000828 | 0.006001 |
| 0 | 0 | 0.000985 | 0.000153 | 0.001179 | 0.001077 | 0.009537 | 0.000609 | 0.005427 |
| 0 | 0 | 0.000871 | 0.000455 | 0.000998 | 0.00259 | 0.008623 | 0.001477 | 0.004906 |
| 0 | 0 | 0.000772 | 0.000146 | 0.000933 | 0.000958 | 0.008058 | 0.000542 | 0.004575 |
| 0 | 0 | 0.000718 | 0.000086 | 0.000831 | 0.000534 | 0.007421 | 0.000302 | 0.004208 |
| 0 | 0 | 0.00068 | 0.000106 | 0.000789 | 0.000768 | 0.007112 | 0.000435 | 0.004033 |
| 0 | 0 | 0.000655 | 0.000143 | 0.00077 | 0.000738 | 0.007073 | 0.000417 | 0.004017 |
| 0 | 0 | 0.000643 | 0.000027 | 0.000837 | 0.000188 | 0.007494 | 0.000107 | 0.00428 |
| 0 | 0 | 0.000644 | 0.000608 | 0.000824 | 0.004222 | 0.007454 | 0.002582 | 0.00426 |
| 0 | 0 | 0.000664 | 0.000343 | 0.000887 | 0.001991 | 0.008081 | 0.001165 | 0.004652 |
| 0 | 0 | 0.000719 | 0.00019 | 0.000868 | 0.001211 | 0.008083 | 0.000685 | 0.004648 |
| 0 | 0 | 0.000953 | 0.000201 | 0.000874 | 0.000754 | 0.008871 | 0.000427 | 0.005119 |
| 0 | 0.001665 | 0.000988 | 0.001074 | 0.000791 | 0.009361 | 0.008812 | 0.00569 | 0.005067 |
| 0 | 0 | 0.00119 | 0.000234 | 0.000901 | 0.001098 | 0.009753 | 0.000621 | 0.005621 |

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|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 0 | 0 | 0.000871 | 0.000081 | 0.000789 | 0.000567 | 0.00811 | 0.000321 | 0.004594 |
| 0 | 0 | 0.000776 | 0.000112 | 0.000745 | 0.000763 | 0.007513 | 0.000432 | 0.004214 |
| 0 | 0 | 0.00072 | 0.00025 | 0.00074 | 0.001622 | 0.007222 | 0.000917 | 0.004013 |
| 0 | 0 | 0.000686 | 0.00019 | 0.000774 | 0.001014 | 0.007277 | 0.000574 | 0.003992 |
| 0 | 0 | 0.000683 | 0.000296 | 0.000784 | 0.001164 | 0.00731 | 0.000658 | 0.003931 |
| 0 | 0 | 0.000675 | 0.000167 | 0.000783 | 0.001119 | 0.007185 | 0.000633 | 0.003828 |
| 0 | 0 | 0.000683 | 0.00001 | 0.000778 | 0.000056 | 0.007278 | 0.000032 | 0.003868 |
| 0 | 0 | 0.000699 | 0.000144 | 0.000744 | 0.000768 | 0.00714 | 0.000435 | 0.003782 |
| 0 | 0 | 0.000733 | 0 | 0.000783 | 0 | 0.007465 | 0 | 0.003964 |
| 0 | 0 | 0.000795 | 0.000132 | 0.0008 | 0.000922 | 0.007726 | 0.000521 | 0.00412 |
| 0 | 0 | 0.000916 | 0.00022 | 0.00086 | 0.00139 | 0.008461 | 0.000786 | 0.00456 |
| 0 | 0 | 0.001257 | 0.000301 | 0.000883 | 0.001658 | 0.010005 | 0.000938 | 0.005526 |
| 0 | 0.002585 | 0.00135 | 0.000346 | 0.000825 | 0.013396 | 0.01019 | 0.008247 | 0.00569 |
| 0 | 0.000939 | 0.001705 | 0.000108 | 0.00074 | 0.00524 | 0.011396 | 0.003208 | 0.006553 |
| 0 | 0 | 0.001217 | 0.000117 | 0.000606 | 0.000853 | 0.008745 | 0.000483 | 0.004967 |
| 0 | 0 | 0.000823 | 0.000149 | 0.000545 | 0.001043 | 0.006697 | 0.00059 | 0.003696 |
| 0 | 0 | 0.000645 | 0.000184 | 0.000488 | 0.001339 | 0.005573 | 0.000757 | 0.002997 |
| 0 | 0 | 0.000543 | 0 | 0.000457 | 0 | 0.004952 | 0 | 0.002606 |
| 0 | 0 | 0.000468 | 0 | 0.000391 | 0 | 0.004179 | 0 | 0.002154 |
| 0 | 0 | 0.001124 | 0.000471 | 0.001033 | 0.001779 | 0.009746 | 0.001006 | 0.005539 |
| 0 | 0 | 0.000966 | 0.000303 | 0.001025 | 0.002019 | 0.008918 | 0.001142 | 0.005054 |
| 0 | 0 | 0.000874 | 0.00032 | 0.000959 | 0.001572 | 0.008542 | 0.000889 | 0.00485 |
| 0 | 0 | 0.000809 | 0.000568 | 0.000901 | 0.00304 | 0.008057 | 0.001731 | 0.004574 |
| 0 | 0 | 0.000738 | 0.000183 | 0.000891 | 0.00101 | 0.007819 | 0.000572 | 0.004427 |
| 0 | 0 | 0.0007 | 0.000081 | 0.000818 | 0.000472 | 0.007339 | 0.000267 | 0.004148 |
| 0 | 0 | 0.000673 | 0.000114 | 0.00078 | 0.000782 | 0.007071 | 0.000443 | 0.003996 |
| 0 | 0 | 0.000656 | 0.000118 | 0.000764 | 0.000757 | 0.00702 | 0.000428 | 0.003972 |
| 0 | 0 | 0.000648 | 0.000142 | 0.000786 | 0.000894 | 0.007202 | 0.000506 | 0.00409 |
| 0 | 0 | 0.00065 | 0.000192 | 0.000865 | 0.00124 | 0.007795 | 0.000702 | 0.004456 |
| 0 | 0 | 0.000669 | 0.000771 | 0.000839 | 0.005394 | 0.007728 | 0.003283 | 0.00441 |
| 0 | 0 | 0.000721 | 0.000089 | 0.000937 | 0.000646 | 0.008623 | 0.000365 | 0.004963 |
| 0 | 0 | 0.000939 | 0.000106 | 0.000854 | 0.000525 | 0.00892 | 0.000297 | 0.005131 |
| 0 | 0.001741 | 0.000945 | 0.00016 | 0.000854 | 0.009605 | 0.008703 | 0.005846 | 0.004978 |
| 0 | 0 | 0.001222 | 0.000132 | 0.000812 | 0.000925 | 0.009987 | 0.000523 | 0.00574 |
| 0 | 0 | 0.000964 | 0.000079 | 0.000779 | 0.000524 | 0.00862 | 0.000296 | 0.00488 |
| 0 | 0 | 0.000827 | 0.000007 | 0.000789 | 0.000004 | 0.008024 | 0.000002 | 0.004488 |
| 0 | 0 | 0.000757 | 0.000183 | 0.000788 | 0.001102 | 0.00766 | 0.000623 | 0.004239 |
| 0 | 0 | 0.000721 | 0.000193 | 0.000815 | 0.001396 | 0.007563 | 0.00079 | 0.004133 |
| 0 | 0 | 0.000716 | 0.000037 | 0.000853 | 0.000267 | 0.007782 | 0.000151 | 0.004177 |
| 0 | 0 | 0.000825 | 0.000155 | 0.000812 | 0.000718 | 0.008046 | 0.000406 | 0.004303 |
| 0 | 0 | 0.000925 | 0.000247 | 0.000854 | 0.001413 | 0.008529 | 0.000799 | 0.0046 |
| 0 | 0 | 0.001171 | 0.000745 | 0.000845 | 0.002032 | 0.009653 | 0.001149 | 0.005298 |
| 0 | 0.000824 | 0.001534 | 0.000477 | 0.000875 | 0.005002 | 0.011223 | 0.003043 | 0.00629 |
| 0 | 0.002365 | 0.001546 | 0.000223 | 0.000761 | 0.011888 | 0.010727 | 0.007338 | 0.006056 |
| 0 | 0 | 0.001455 | 0.000016 | 0.000624 | 0.000115 | 0.009792 | 0.000065 | 0.005602 |
| 0 | 0 | 0.000886 | 0.000147 | 0.000491 | 0.001062 | 0.006613 | 0.000601 | 0.003705 |
| 0 | 0 | 0.000673 | 0.000041 | 0.000456 | 0.000299 | 0.005536 | 0.000169 | 0.003037 |
| 0 | 0 | 0.000546 | 0 | 0.000409 | 0 | 0.004694 | 0 | 0.002517 |
| 0 | 0 | 0.000468 | 0 | 0.000362 | 0 | 0.004041 | 0 | 0.002123 |
| 0 | 0 | 0.001004 | 0.000073 | 0.000973 | 0.000528 | 0.008978 | 0.000299 | 0.005098 |

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|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 0 | 0 | 0.000902 | 0.000011 | 0.000908 | 0.000068 | 0.008366 | 0.000038 | 0.004738 |
| 0 | 0 | 0.00084 | 0.000155 | 0.000866 | 0.000985 | 0.008009 | 0.000557 | 0.004543 |
| 0 | 0 | 0.000794 | 0.000337 | 0.000851 | 0.002226 | 0.007816 | 0.00127 | 0.00443 |
| 0 | 0 | 0.000735 | 0.000078 | 0.000868 | 0.000568 | 0.007775 | 0.000322 | 0.004393 |
| 0 | 0 | 0.000706 | 0.0002 | 0.000816 | 0.001174 | 0.007404 | 0.000664 | 0.004173 |
| 0 | 0 | 0.000685 | 0.000076 | 0.000809 | 0.000535 | 0.007297 | 0.000303 | 0.004109 |
| 0 | 0 | 0.000671 | 0 | 0.00078 | 0 | 0.007176 | 0 | 0.004043 |
| 0 | 0 | 0.000665 | 0.000084 | 0.000783 | 0.000607 | 0.007218 | 0.000344 | 0.004077 |
| 0 | 0 | 0.000668 | 0.000158 | 0.000857 | 0.000895 | 0.007833 | 0.000507 | 0.004455 |
| 0 | 0 | 0.000685 | 0.00071 | 0.000868 | 0.00504 | 0.007997 | 0.003083 | 0.004554 |
| 0 | 0 | 0.000729 | 0.000106 | 0.000948 | 0.000772 | 0.00876 | 0.000437 | 0.005026 |
| 0 | 0 | 0.000882 | 0.000107 | 0.000863 | 0.000745 | 0.008791 | 0.000421 | 0.005024 |
| 0 | 0.000721 | 0.001022 | 0.000124 | 0.000852 | 0.004401 | 0.009318 | 0.00266 | 0.005318 |
| 0 | 0.001279 | 0.001057 | 0.000015 | 0.000848 | 0.006547 | 0.009441 | 0.004007 | 0.005361 |
| 0 | 0 | 0.001163 | 0.000031 | 0.000821 | 0.000226 | 0.009834 | 0.000128 | 0.005579 |
| 0 | 0 | 0.001013 | 0.000171 | 0.000859 | 0.001197 | 0.009059 | 0.000677 | 0.004907 |
| 0 | 0 | 0.001324 | 0.000217 | 0.000869 | 0.001323 | 0.010478 | 0.000748 | 0.005796 |
| 0 | 0.000158 | 0.00174 | 0.00043 | 0.000838 | 0.002269 | 0.012211 | 0.001324 | 0.006889 |
| 0 | 0.003239 | 0.001449 | 0.000132 | 0.000791 | 0.015873 | 0.010466 | 0.009819 | 0.005843 |
| 0 | 0 | 0.00167 | 0.000076 | 0.000644 | 0.000374 | 0.010894 | 0.000212 | 0.006193 |
| 0 | 0 | 0.000961 | 0.000082 | 0.000512 | 0.00055 | 0.006959 | 0.000311 | 0.003891 |
| 0 | 0 | 0.000701 | 0 | 0.000437 | 0 | 0.00551 | 0 | 0.003058 |
| 0 | 0 | 0.000562 | 0 | 0.000379 | 0 | 0.004578 | 0 | 0.002497 |
| 0 | 0 | 0.000467 | 0 | 0.000338 | 0 | 0.003907 | 0 | 0.002087 |
| 0 | 0 | 0.000971 | 0.000105 | 0.000868 | 0.000693 | 0.008482 | 0.000392 | 0.004824 |
| 0 | 0 | 0.000889 | 0.000068 | 0.000834 | 0.000444 | 0.008001 | 0.000251 | 0.004537 |
| 0 | 0 | 0.000841 | 0.000178 | 0.000807 | 0.001172 | 0.00777 | 0.000663 | 0.004409 |
| 0 | 0 | 0.000803 | 0.000202 | 0.00083 | 0.001111 | 0.007863 | 0.000631 | 0.004455 |
| 0 | 0 | 0.000752 | 0.000332 | 0.000834 | 0.002143 | 0.007664 | 0.001222 | 0.004321 |
| 0 | 0 | 0.000729 | 0.000255 | 0.000855 | 0.00142 | 0.007763 | 0.000803 | 0.004363 |
| 0 | 0 | 0.000711 | 0.000137 | 0.000823 | 0.000946 | 0.007486 | 0.000534 | 0.004199 |
| 0 | 0 | 0.000699 | 0.000019 | 0.000802 | 0.000142 | 0.007429 | 0.000081 | 0.004166 |
| 0 | 0 | 0.000693 | 0.000064 | 0.00081 | 0.000469 | 0.007505 | 0.000265 | 0.004218 |
| 0 | 0 | 0.000697 | 0.000102 | 0.000885 | 0.000738 | 0.008095 | 0.000417 | 0.004583 |
| 0 | 0 | 0.000712 | 0.000689 | 0.000896 | 0.004945 | 0.00828 | 0.003029 | 0.004693 |
| 0 | 0 | 0.000747 | 0.000101 | 0.000985 | 0.000702 | 0.009051 | 0.000397 | 0.005167 |
| 0 | 0 | 0.000844 | 0.000111 | 0.000915 | 0.000774 | 0.008841 | 0.000438 | 0.005013 |
| 0 | 0 | 0.001068 | 0.000461 | 0.000875 | 0.001935 | 0.009682 | 0.001095 | 0.005497 |
| 0 | 0.001675 | 0.001043 | 0.000079 | 0.000926 | 0.00896 | 0.009656 | 0.005465 | 0.005436 |
| 0 | 0 | 0.001272 | 0.000059 | 0.000894 | 0.000429 | 0.010697 | 0.000243 | 0.006044 |
| 0 | 0 | 0.001484 | 0.000204 | 0.000874 | 0.001298 | 0.011262 | 0.000734 | 0.006257 |
| 0 | 0.002188 | 0.001601 | 0.000166 | 0.000846 | 0.011338 | 0.011671 | 0.006981 | 0.006531 |
| 0 | 0.003346 | 0.001592 | 0.000177 | 0.000769 | 0.016718 | 0.011201 | 0.010324 | 0.006274 |
| 0 | 0 | 0.001775 | 0.000037 | 0.000672 | 0.000264 | 0.011581 | 0.000149 | 0.00656 |
| 0 | 0 | 0.001041 | 0 | 0.000555 | 0 | 0.007565 | 0 | 0.004156 |
| 0 | 0 | 0.000734 | 0.000012 | 0.000449 | 0.000086 | 0.005606 | 0.000048 | 0.003082 |
| 0 | 0 | 0.000575 | 0.000114 | 0.000358 | 0.000826 | 0.004459 | 0.000467 | 0.002452 |
| 0 | 0 | 0.000476 | 0 | 0.000338 | 0 | 0.003939 | 0 | 0.002137 |
| 0 | 0 | 0.000911 | 0.00004 | 0.000814 | 0.000274 | 0.008066 | 0.000155 | 0.004595 |
| 0 | 0 | 0.000872 | 0.000128 | 0.000783 | 0.000842 | 0.007841 | 0.000477 | 0.004465 |

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|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 0 | 0 | 0.000836 | 0.000149 | 0.000812 | 0.001053 | 0.007919 | 0.000596 | 0.004495 |
| 0 | 0 | 0.000788 | 0.000461 | 0.000818 | 0.002664 | 0.007821 | 0.001519 | 0.00441 |
| 0 | 0 | 0.000766 | 0.00018 | 0.000869 | 0.001168 | 0.008004 | 0.000661 | 0.004492 |
| 0 | 0 | 0.00075 | 0.000102 | 0.00083 | 0.000588 | 0.007743 | 0.000333 | 0.004327 |
| 0 | 0 | 0.000735 | 0.000173 | 0.000814 | 0.001231 | 0.007605 | 0.000697 | 0.004243 |
| 0 | 0 | 0.000728 | 0.000098 | 0.000862 | 0.000688 | 0.007913 | 0.000389 | 0.004422 |
| 0 | 0 | 0.000729 | 0.000086 | 0.000948 | 0.000622 | 0.008551 | 0.000352 | 0.004815 |
| 0 | 0 | 0.00074 | 0.000768 | 0.000947 | 0.005361 | 0.008653 | 0.003265 | 0.004877 |
| 0 | 0 | 0.000768 | 0.000151 | 0.001043 | 0.001039 | 0.009407 | 0.000588 | 0.005337 |
| 0 | 0 | 0.000849 | 0.000081 | 0.000983 | 0.000295 | 0.009245 | 0.000167 | 0.005202 |
| 0 | 0 | 0.001072 | 0.000388 | 0.00096 | 0.001648 | 0.010076 | 0.000933 | 0.005672 |
| 0 | 0.001655 | 0.001101 | 0.000103 | 0.001011 | 0.008437 | 0.010391 | 0.005165 | 0.005805 |
| 0 | 0 | 0.001329 | 0.000114 | 0.000996 | 0.000827 | 0.011347 | 0.000468 | 0.006358 |
| 0 | 0.00057 | 0.001494 | 0.000021 | 0.000704 | 0.002855 | 0.010411 | 0.001763 | 0.005802 |
| 0 | 0 | 0.001097 | 0 | 0.000592 | 0 | 0.008016 | 0 | 0.004375 |
| 0 | 0 | 0.000781 | 0 | 0.000491 | 0 | 0.006019 | 0 | 0.003227 |
| 0 | 0 | 0.00059 | 0 | 0.000395 | 0 | 0.004635 | 0 | 0.002516 |
| 0 | 0 | 0.000478 | 0 | 0.000323 | 0 | 0.00383 | 0 | 0.002094 |
| 0 | 0 | 0.00093 | 0.000081 | 0.00079 | 0.000589 | 0.008098 | 0.000333 | 0.004632 |
| 0 | 0 | 0.000895 | 0.000113 | 0.000807 | 0.000723 | 0.00815 | 0.000409 | 0.00464 |
| 0 | 0 | 0.000851 | 0.000397 | 0.000821 | 0.002745 | 0.008043 | 0.001564 | 0.004539 |
| 0 | 0 | 0.000832 | 0 | 0.000894 | 0 | 0.008437 | 0 | 0.00473 |
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| 0 | 0 | 0.000805 | 0.000026 | 0.000907 | 0.000154 | 0.008349 | 0.000088 | 0.004634 |
| 0 | 0 | 0.000798 | 0.000226 | 0.000931 | 0.001135 | 0.008534 | 0.000642 | 0.004737 |
| 0 | 0 | 0.0008 | 0.000104 | 0.001085 | 0.000618 | 0.009449 | 0.00035 | 0.005284 |
| 0 | 0 | 0.000812 | 0.000729 | 0.001106 | 0.005089 | 0.009641 | 0.003111 | 0.005403 |
| 0 | 0 | 0.000838 | 0.000103 | 0.001198 | 0.000644 | 0.010552 | 0.000365 | 0.005958 |
| 0 | 0 | 0.000913 | 0.00007 | 0.001124 | 0.000503 | 0.010348 | 0.000285 | 0.00579 |
| 0 | 0 | 0.001146 | 0.000229 | 0.001139 | 0.001355 | 0.011282 | 0.000766 | 0.006295 |
| 0 | 0.001667 | 0.001184 | 0.000308 | 0.001205 | 0.009159 | 0.011555 | 0.005576 | 0.00639 |
| 0 | 0 | 0.001417 | 0.000087 | 0.001232 | 0.000557 | 0.012687 | 0.000315 | 0.007033 |
| 0 | 0 | 0.000782 | 0 | 0.00054 | 0 | 0.006261 | 0 | 0.003316 |
| 0 | 0 | 0.000625 | 0 | 0.000446 | 0 | 0.005058 | 0 | 0.002665 |
| 0 | 0 | 0.000487 | 0 | 0.000352 | 0 | 0.003921 | 0 | 0.002111 |
| 0 | 0 | 0.000966 | 0.000051 | 0.000848 | 0.000356 | 0.008508 | 0.000201 | 0.004861 |
| 0 | 0 | 0.000922 | 0.000395 | 0.000844 | 0.002784 | 0.008349 | 0.001587 | 0.004722 |
| 0 | 0 | 0.000903 | 0 | 0.000932 | 0 | 0.008907 | 0 | 0.00499 |
| 0 | 0 | 0.000889 | 0.000355 | 0.000913 | 0.001067 | 0.008783 | 0.000604 | 0.004873 |
| 0 | 0 | 0.000878 | 0.000076 | 0.001019 | 0.000474 | 0.009219 | 0.000268 | 0.005085 |
| 0 | 0 | 0.000873 | 0.000361 | 0.001021 | 0.002487 | 0.009214 | 0.001418 | 0.005063 |
| 0 | 0 | 0.000875 | 0.000729 | 0.001076 | 0.002518 | 0.009835 | 0.001436 | 0.005429 |
| 0 | 0 | 0.000889 | 0.001155 | 0.001138 | 0.006348 | 0.01015 | 0.003824 | 0.005615 |
| 0 | 0 | 0.000921 | 0.000913 | 0.001204 | 0.00632 | 0.010778 | 0.003804 | 0.005985 |
| 0 | 0 | 0.000999 | 0.000316 | 0.001255 | 0.002202 | 0.011567 | 0.001257 | 0.006411 |
| 0 | 0 | 0.001244 | 0.000617 | 0.00123 | 0.003473 | 0.012117 | 0.001977 | 0.006658 |
| 0 | 0.001665 | 0.001297 | 0.001588 | 0.001189 | 0.012435 | 0.012313 | 0.00744 | 0.006693 |
| 0 | 0 | 0.001523 | 0.000466 | 0.001348 | 0.002596 | 0.013591 | 0.00148 | 0.007409 |
| 0 | 0 | 0.00052 | 0 | 0.000411 | 0 | 0.004387 | 0 | 0.002277 |
| 0 | 0 | 0.001014 | 0.000264 | 0.000893 | 0.001876 | 0.008939 | 0.001068 | 0.005073 |

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|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 0 | 0 | 0.000995 | 0.000224 | 0.000957 | 0.00157 | 0.009443 | 0.000892 | 0.005294 |
| 0 | 0 | 0.000984 | 0.000409 | 0.001022 | 0.002466 | 0.009739 | 0.001408 | 0.005392 |
| 0 | 0 | 0.000978 | 0.000536 | 0.001029 | 0.002872 | 0.009835 | 0.001637 | 0.00538 |
| 0 | 0 | 0.000979 | 0.000049 | 0.001113 | 0.000335 | 0.01028 | 0.000189 | 0.005582 |
| 0 | 0 | 0.000987 | 0.000038 | 0.001131 | 0.000276 | 0.010407 | 0.000156 | 0.00563 |
| 0 | 0 | 0.001006 | 0.000057 | 0.001226 | 0.000347 | 0.011229 | 0.000196 | 0.006111 |
| 0 | 0 | 0.001048 | 0.000855 | 0.001214 | 0.005996 | 0.011378 | 0.003629 | 0.006168 |
| 0 | 0 | 0.001167 | 0.000092 | 0.001374 | 0.000556 | 0.012992 | 0.000315 | 0.007059 |
| 0 | 0 | 0.001475 | 0.000112 | 0.001331 | 0.000543 | 0.013844 | 0.000307 | 0.007449 |
| 0 | 0.00168 | 0.001466 | 0.000255 | 0.001351 | 0.009009 | 0.013661 | 0.005495 | 0.007237 |
| 0 | 0 | 0.001603 | 0.000036 | 0.001352 | 0.000257 | 0.014351 | 0.000146 | 0.007608 |
| 0 | 0 | 0.001101 | 0.00066 | 0.000932 | 0.003988 | 0.00979 | 0.002277 | 0.005499 |
| 0 | 0 | 0.001095 | 0.000286 | 0.001068 | 0.001656 | 0.010566 | 0.00094 | 0.005844 |
| 0 | 0 | 0.001098 | 0.000147 | 0.001079 | 0.001011 | 0.010618 | 0.000572 | 0.005761 |
| 0 | 0 | 0.001111 | 0.000144 | 0.001117 | 0.000928 | 0.010863 | 0.000525 | 0.005791 |
| 0 | 0 | 0.001134 | 0.00009 | 0.001195 | 0.000601 | 0.011384 | 0.00034 | 0.005996 |
| 0 | 0 | 0.001172 | 0.000085 | 0.001311 | 0.000471 | 0.012371 | 0.000266 | 0.006505 |
| 0 | 0 | 0.001237 | 0.001004 | 0.00134 | 0.006078 | 0.012943 | 0.003673 | 0.006755 |
| 0 | 0 | 0.001458 | 0.000191 | 0.001527 | 0.001299 | 0.015074 | 0.000735 | 0.007896 |
| 0 | 0.001547 | 0.001595 | 0.000144 | 0.001484 | 0.008638 | 0.015204 | 0.00524 | 0.007782 |
| 0 | 0.000323 | 0.001922 | 0.000034 | 0.001512 | 0.001923 | 0.016776 | 0.001123 | 0.008647 |
| 0 | 0 | 0.001229 | 0.000017 | 0.001066 | 0.000121 | 0.01115 | 0.000069 | 0.006171 |
| 0 | 0 | 0.001247 | 0.0001 | 0.001098 | 0.00071 | 0.011403 | 0.000401 | 0.006142 |
| 0 | 0 | 0.001286 | 0.000308 | 0.001199 | 0.001108 | 0.012159 | 0.000627 | 0.006367 |
| 0 | 0 | 0.00134 | 0.000191 | 0.001375 | 0.000833 | 0.013243 | 0.000472 | 0.006752 |
| 0 | 0 | 0.00142 | 0.000125 | 0.001598 | 0.000692 | 0.015016 | 0.000355 | 0.007484 |
| 0 | 0 | 0.00156 | 0.000871 | 0.001741 | 0.006221 | 0.016454 | 0.003486 | 0.008016 |
| 0 | 0 | 0.001904 | 0.000065 | 0.001979 | 0.000242 | 0.019506 | 0.000137 | 0.009562 |

ares are provided. For further information please refer to the LAQM Support Helpdesk at <https://laqm>

| Industry_ir | Industry_o | Domestic_ | Domestic_ | Rail_in_21 | Rail_out_2 | Other_in_2 | Other_out | PM_seconds |
|-------------|------------|-----------|-----------|------------|------------|------------|-----------|------------|
| 0 | 0.157061 | 0 | 0.093085 | 0 | 0.000067 | 0.000002 | 0.03552 | 5.830436 |
| 0.011161 | 0.235955 | 0.000262 | 0.123759 | 0 | 0.000078 | 0.000698 | 0.032668 | 5.870589 |
| 0.000591 | 0.193027 | 0 | 0.098735 | 0 | 0.000066 | 0.000031 | 0.032184 | 5.870589 |
| 0 | 0.164815 | 0 | 0.083779 | 0 | 0.000057 | 0.000003 | 0.03246 | 5.857987 |
| 0 | 0.145904 | 0 | 0.072363 | 0 | 0.000051 | 0.000459 | 0.031968 | 5.857987 |
| 0 | 0.130689 | 0 | 0.063476 | 0 | 0.000046 | 0.000196 | 0.033291 | 5.857987 |
| 0 | 0.11956 | 0 | 0.055546 | 0 | 0.000041 | 0.000002 | 0.035067 | 5.857987 |
| 0.03679 | 0.288952 | 0.04054 | 0.174831 | 0 | 0.000129 | 0.003209 | 0.035157 | 5.888012 |
| 0.019344 | 0.280671 | 0.000519 | 0.169983 | 0 | 0.000097 | 0.001015 | 0.034804 | 5.888012 |
| 0.019699 | 0.25741 | 0 | 0.140506 | 0 | 0.000087 | 0.001027 | 0.03271 | 5.870589 |
| 0.018095 | 0.255628 | 0.001648 | 0.115587 | 0 | 0.000073 | 0.001107 | 0.031072 | 5.870589 |
| 0.271568 | 0.208681 | 0 | 0.102752 | 0 | 0.000068 | 0.001027 | 0.030285 | 5.870589 |
| 0.017365 | 0.248509 | 0.000262 | 0.091395 | 0 | 0.000065 | 0.000982 | 0.029798 | 5.870589 |
| 0.015854 | 0.200335 | 0.000403 | 0.082318 | 0 | 0.000059 | 0.00083 | 0.029663 | 5.870589 |
| 0.009062 | 0.179977 | 0 | 0.078062 | 0 | 0.000054 | 0.000504 | 0.029846 | 5.857987 |
| 0.013639 | 0.159115 | 0.000131 | 0.075779 | 0 | 0.000049 | 0.000907 | 0.028791 | 5.857987 |
| 0.002758 | 0.145288 | 0 | 0.067795 | 0 | 0.000044 | 0.000286 | 0.029243 | 5.857987 |
| 0 | 0.131038 | 0 | 0.057239 | 0 | 0.00004 | 0 | 0.029523 | 5.857987 |
| 0.100675 | 0.245717 | 0.174101 | 0.121891 | 0 | 0.000122 | 0.011033 | 0.029519 | 5.888012 |
| 0.066322 | 0.251583 | 0.117081 | 0.130078 | 0 | 0.000086 | 0.005193 | 0.03047 | 5.888012 |
| 0.019328 | 0.246578 | 0.00289 | 0.12464 | 0 | 0.000072 | 0.001178 | 0.029646 | 5.870589 |
| 0.021291 | 0.24171 | 0.000405 | 0.105295 | 0 | 0.000062 | 0.00111 | 0.02886 | 5.870589 |
| 0.017533 | 0.249481 | 0 | 0.094223 | 0 | 0.00006 | 0.000937 | 0.028527 | 5.870589 |
| 0.019485 | 0.22039 | 0.002417 | 0.081442 | 0 | 0.00006 | 0.00114 | 0.027746 | 5.870589 |
| 0.072072 | 0.195006 | 0.011456 | 0.073225 | 0 | 0.000058 | 0.00127 | 0.027591 | 5.870589 |
| 0.020272 | 0.19276 | 0.002417 | 0.0756 | 0 | 0.000054 | 0.001174 | 0.027635 | 5.857987 |
| 0.031464 | 0.171267 | 0.077068 | 0.061524 | 0 | 0.000049 | 0.002264 | 0.026267 | 5.857987 |
| 0.013096 | 0.1584 | 0.000262 | 0.070461 | 0 | 0.000044 | 0.001624 | 0.026336 | 5.857987 |
| 0 | 0.14453 | 0 | 0.054916 | 0 | 0.000039 | 0 | 0.026113 | 5.857987 |
| 0 | 0.125822 | 0 | 0.048825 | 0 | 0.000034 | 0 | 0.025372 | 5.857987 |
| 0 | 0.113287 | 0 | 0.04322 | 0 | 0.00003 | 0 | 0.023507 | 5.776492 |
| 0 | 0.102342 | 0 | 0.038129 | 0 | 0.000027 | 0 | 0.022343 | 5.776492 |
| 0.019042 | 0.23498 | 0.000596 | 0.115095 | 0 | 0.000119 | 0.001172 | 0.027297 | 5.888012 |
| 0.018075 | 0.231785 | 0.001317 | 0.104253 | 0 | 0.000082 | 0.001175 | 0.026703 | 5.888012 |
| 0.020577 | 0.229457 | 0.009625 | 0.097626 | 0 | 0.000065 | 0.001306 | 0.026476 | 5.870589 |
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| 0.017927 | 0.216029 | 0 | 0.074485 | 0 | 0.000062 | 0.001142 | 0.025654 | 5.870589 |
| 0.020465 | 0.21364 | 0.004864 | 0.07034 | 0 | 0.000062 | 0.001243 | 0.025617 | 5.870589 |
| 0.024217 | 0.201627 | 0.001038 | 0.070674 | 0 | 0.000057 | 0.001239 | 0.025787 | 5.857987 |
| 0.019893 | 0.186555 | 0.009023 | 0.066923 | 0 | 0.00005 | 0.001163 | 0.024641 | 5.857987 |
| 0.017055 | 0.171194 | 0.000486 | 0.059666 | 0 | 0.000043 | 0.001118 | 0.024409 | 5.857987 |
| 0.009062 | 0.158443 | 0 | 0.052471 | 0 | 0.000037 | 0.000512 | 0.023692 | 5.857987 |
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| 0 | 0.129008 | 0 | 0.043015 | 0 | 0.000029 | 0 | 0.021557 | 5.776492 |
| 0 | 0.119871 | 0 | 0.038524 | 0 | 0.000026 | 0 | 0.020435 | 5.776492 |
| 0 | 0.107925 | 0 | 0.032795 | 0 | 0.000023 | 0 | 0.019734 | 5.776492 |
| 0 | 0.1008 | 0 | 0.027923 | 0 | 0.000021 | 0 | 0.018642 | 5.776492 |
| 0.017477 | 0.228047 | 0.000935 | 0.087693 | 0 | 0.000157 | 0.001041 | 0.023775 | 5.888012 |
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| 0.019006 | 0.221705 | 0.000189 | 0.079895 | 0 | 0.000083 | 0.000986 | 0.023595 | 5.888012 |
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| 0.017266 | 0.224187 | 0.000403 | 0.073921 | 0 | 0.00007 | 0.001154 | 0.023741 | 5.870589 |
| 0.014841 | 0.221743 | 0.000517 | 0.066802 | 0 | 0.000074 | 0.001305 | 0.023481 | 5.870589 |
| 0.066733 | 0.216426 | 0.026921 | 0.063854 | 0 | 0.000071 | 0.001633 | 0.023647 | 5.870589 |
| 0.019613 | 0.222108 | 0.008575 | 0.071082 | 0 | 0.000062 | 0.001335 | 0.023984 | 5.857987 |
| 0.018742 | 0.203296 | 0.000496 | 0.066727 | 0 | 0.000051 | 0.001019 | 0.023386 | 5.857987 |
| 0.017331 | 0.188505 | 0.000974 | 0.057108 | 0 | 0.000042 | 0.00098 | 0.023318 | 5.857987 |
| 0.019779 | 0.173956 | 0.000131 | 0.050921 | 0 | 0.000035 | 0.001047 | 0.022443 | 5.857987 |
| 0.012018 | 0.159438 | 0 | 0.047375 | 0 | 0.000031 | 0.001041 | 0.022029 | 5.857987 |
| 0.008866 | 0.148825 | 0 | 0.043574 | 0 | 0.000028 | 0.000716 | 0.02086 | 5.776492 |
| 0.004728 | 0.148704 | 0 | 0.039838 | 0 | 0.000025 | 0.000273 | 0.019295 | 5.776492 |
| 0 | 0.152399 | 0 | 0.034986 | 0 | 0.000022 | 0.000017 | 0.018403 | 5.776492 |
| 0 | 0.140032 | 0 | 0.030847 | 0 | 0.00002 | 0 | 0.017264 | 5.776492 |
| 0.017774 | 0.221871 | 0.005715 | 0.073623 | 0 | 0.000141 | 0.001209 | 0.020402 | 5.946624 |
| 0.020254 | 0.215439 | 0.002175 | 0.076652 | 0 | 0.000121 | 0.001231 | 0.020481 | 5.946624 |
| 0.019486 | 0.227677 | 0.000843 | 0.080565 | 0 | 0.000094 | 0.001122 | 0.020737 | 5.946624 |
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| 0.016796 | 0.239364 | 0.000479 | 0.068973 | 0 | 0.000084 | 0.001398 | 0.020587 | 5.929208 |
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| 0.018911 | 0.249115 | 0 | 0.065011 | 0 | 0.000079 | 0.000997 | 0.021265 | 5.929208 |
| 0.03527 | 0.233574 | 0.074803 | 0.055656 | 0 | 0.000062 | 0.002921 | 0.02134 | 5.917267 |
| 0.023595 | 0.227401 | 0.023371 | 0.063907 | 0 | 0.00005 | 0.001442 | 0.021929 | 5.917267 |
| 0.019018 | 0.210906 | 0.002367 | 0.055448 | 0 | 0.000041 | 0.001068 | 0.022819 | 5.917267 |
| 0.018098 | 0.190209 | 0.000788 | 0.04874 | 0 | 0.000034 | 0.000998 | 0.024351 | 5.917267 |
| 0.01861 | 0.177869 | 0.001183 | 0.046783 | 0 | 0.00003 | 0.001115 | 0.023924 | 5.917267 |
| 0.019775 | 0.172371 | 0.000885 | 0.044995 | 0 | 0.000027 | 0.001027 | 0.020468 | 5.852224 |
| 0.018944 | 0.178651 | 0 | 0.042867 | 0 | 0.000024 | 0.001073 | 0.018422 | 5.852224 |
| 0.230046 | 0.133235 | 0.002679 | 0.038579 | 0 | 0.000021 | 0.000921 | 0.017491 | 5.852224 |
| 0.001983 | 0.164087 | 0.006212 | 0.033949 | 0 | 0.000019 | 0.000299 | 0.016423 | 5.852224 |
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| 0.022826 | 0.228279 | 0.017079 | 0.071137 | 0 | 0.00012 | 0.001652 | 0.018871 | 5.946624 |
| 0.055442 | 0.225628 | 0.117998 | 0.058375 | 0 | 0.000135 | 0.004781 | 0.018506 | 5.946624 |
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| 0.018171 | 0.263755 | 0.003578 | 0.059816 | 0 | 0.000154 | 0.001199 | 0.018866 | 5.929208 |
| 0.018518 | 0.324444 | 0 | 0.058197 | 0 | 0.000155 | 0.00091 | 0.019071 | 5.929208 |
| 0.019685 | 0.346181 | 0.000018 | 0.056652 | 0 | 0.000111 | 0.001757 | 0.01919 | 5.929208 |
| 0.018592 | 0.285424 | 0.00054 | 0.057436 | 0 | 0.000078 | 0.001064 | 0.019809 | 5.929208 |
| 0.020442 | 0.245919 | 0.007143 | 0.058307 | 0 | 0.00006 | 0.00361 | 0.019751 | 5.917267 |
| 0.113765 | 0.20925 | 0.006347 | 0.05404 | 0 | 0.000049 | 0.001228 | 0.020692 | 5.917267 |

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| 0.017312 | 0.221594 | 0.002847 | 0.051285 | 0 | 0.000039 | 0.001692 | 0.022354 | 5.917267 |
| 0.045587 | 0.194357 | 0.001184 | 0.050356 | 0 | 0.000033 | 0.02798 | 0.018999 | 5.917267 |
| 0.019174 | 0.191487 | 0 | 0.04977 | 0 | 0.000029 | 0.001046 | 0.024029 | 5.917267 |
| 0.108223 | 0.167886 | 0.001056 | 0.050069 | 0 | 0.000025 | 0.001018 | 0.01915 | 5.852224 |
| 0.019457 | 0.189069 | 0.002184 | 0.052956 | 0 | 0.000022 | 0.001045 | 0.017573 | 5.852224 |
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| 0.011559 | 0.150625 | 0 | 0.042721 | 0 | 0.000017 | 0.000831 | 0.015601 | 5.852224 |
| 0 | 0.12787 | 0 | 0.03494 | 0 | 0.000015 | 0 | 0.014604 | 5.852224 |
| 0 | 0.099356 | 0 | 0.027532 | 0 | 0.000014 | 0 | 0.013148 | 5.850769 |
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| 0.018943 | 0.23957 | 0.00351 | 0.064053 | 0 | 0.000233 | 0.001038 | 0.017842 | 5.946624 |
| 0.019699 | 0.232366 | 0 | 0.056893 | 0 | 0.000414 | 0.001056 | 0.017675 | 5.929208 |
| 0.019699 | 0.287952 | 0 | 0.055542 | 0 | 0.000437 | 0.001029 | 0.017792 | 5.929208 |
| 0.721223 | 0.220622 | 0.041347 | 0.048835 | 0 | 0.000207 | 0.002185 | 0.017832 | 5.929208 |
| 0.228275 | 0.34628 | 0.011164 | 0.05372 | 0 | 0.000114 | 0.001427 | 0.018244 | 5.929208 |
| 0.02165 | 0.288503 | 0.00032 | 0.051026 | 0 | 0.000076 | 0.001148 | 0.018638 | 5.929208 |
| 0.017115 | 0.24034 | 0.002265 | 0.048688 | 0 | 0.000056 | 0.00128 | 0.019314 | 5.917267 |
| 0.027854 | 0.22431 | 0.00089 | 0.047583 | 0 | 0.000044 | 0.001356 | 0.019752 | 5.917267 |
| 0.018795 | 0.208131 | 0.004613 | 0.048481 | 0 | 0.000036 | 0.001753 | 0.020465 | 5.917267 |
| 0.03446 | 0.191142 | 0.034327 | 0.045164 | 0 | 0.00003 | 0.002283 | 0.021403 | 5.917267 |
| 0.01939 | 0.187253 | 0.000399 | 0.052986 | 0 | 0.000026 | 0.001129 | 0.019427 | 5.917267 |
| 0.018904 | 0.181756 | 0.002857 | 0.056582 | 0 | 0.000023 | 0.00102 | 0.017811 | 5.852224 |
| 0.025988 | 0.18391 | 0.054304 | 0.060204 | 0 | 0.00002 | 0.002146 | 0.016696 | 5.852224 |
| 0.021374 | 0.191696 | 0.018314 | 0.07167 | 0 | 0.000018 | 0.001231 | 0.016389 | 5.852224 |
| 0.018517 | 0.178443 | 0 | 0.057924 | 0 | 0.000016 | 0.000935 | 0.015107 | 5.852224 |
| 0.000197 | 0.141931 | 0 | 0.040861 | 0 | 0.000014 | 0.000016 | 0.013834 | 5.852224 |
| 0 | 0.109206 | 0 | 0.030229 | 0 | 0.000013 | 0 | 0.012288 | 5.850769 |
| 0.016279 | 0.216308 | 0.000541 | 0.054628 | 0 | 0.000089 | 0.001202 | 0.016908 | 5.946624 |
| 0.017961 | 0.216117 | 0 | 0.054016 | 0 | 0.000094 | 0.001045 | 0.016932 | 5.946624 |
| 0.017139 | 0.218555 | 0 | 0.053053 | 0 | 0.000297 | 0.000965 | 0.016739 | 5.946624 |
| 0.068478 | 0.223048 | 0.001703 | 0.050203 | 0.002473 | 0.000014 | 0.001291 | 0.016674 | 5.929208 |
| 0.019246 | 0.266214 | 0.000909 | 0.050207 | 0 | 0.000536 | 0.001486 | 0.016801 | 5.929208 |
| 0.018403 | 0.305127 | 0.003438 | 0.050805 | 0 | 0.000166 | 0.001654 | 0.01704 | 5.929208 |
| 0.073319 | 0.262633 | 0.001116 | 0.048899 | 0 | 0.00009 | 0.00105 | 0.01724 | 5.929208 |
| 0.010729 | 0.243237 | 0.000316 | 0.047248 | 0 | 0.00006 | 0.000523 | 0.017781 | 5.929208 |
| 0.019654 | 0.212256 | 0.001669 | 0.045733 | 0 | 0.000046 | 0.00498 | 0.017459 | 5.917267 |
| 0.019053 | 0.209149 | 0.000051 | 0.045339 | 0 | 0.000036 | 0.00121 | 0.018619 | 5.917267 |
| 0.024169 | 0.198219 | 0 | 0.046906 | 0 | 0.000031 | 0.001341 | 0.018449 | 5.917267 |
| 0.01861 | 0.190272 | 0.009743 | 0.047261 | 0 | 0.000027 | 0.001601 | 0.018079 | 5.917267 |
| 0.019068 | 0.178943 | 0.001234 | 0.051164 | 0 | 0.000023 | 0.001051 | 0.017589 | 5.917267 |
| 0.018053 | 0.17349 | 0.013097 | 0.057831 | 0 | 0.00002 | 0.001255 | 0.016833 | 5.852224 |
| 0.030418 | 0.182735 | 0.063949 | 0.066375 | 0 | 0.000018 | 0.002244 | 0.016034 | 5.852224 |
| 0.255264 | 0.151885 | 0.142066 | 0.056004 | 0 | 0.000016 | 0.003578 | 0.015223 | 5.852224 |
| 0.013437 | 0.193445 | 0.006345 | 0.06672 | 0 | 0.000014 | 0.001003 | 0.014475 | 5.852224 |
| 0.004333 | 0.154415 | 0 | 0.041929 | 0 | 0.000013 | 0.000295 | 0.013136 | 5.852224 |
| 0 | 0.127101 | 0 | 0.031145 | 0 | 0.000012 | 0 | 0.011677 | 5.850769 |
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| 0.016435 | 0.213669 | 0.001784 | 0.051547 | 0 | 0.000243 | 0.001021 | 0.015813 | 5.946624 |
| 0.016751 | 0.219266 | 0.003376 | 0.049969 | 0 | 0.000094 | 0.003934 | 0.015253 | 5.946624 |

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| 0.018513 | 0.210247 | 0.002691 | 0.050386 | 0 | 0.0001 | 0.001139 | 0.015965 | 5.946624 |
| 0.022953 | 0.220692 | 0.022659 | 0.046514 | 0 | 0.000208 | 0.001701 | 0.015597 | 5.946624 |
| 0.019699 | 0.231815 | 0 | 0.049508 | 0 | 0.000336 | 0.001027 | 0.015775 | 5.929208 |
| 0.016873 | 0.236043 | 0.000682 | 0.046375 | 0 | 0.000182 | 0.001354 | 0.015794 | 5.929208 |
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| 0.011123 | 0.221124 | 0.000437 | 0.049465 | 0 | 0.000049 | 0.000758 | 0.016796 | 5.929208 |
| 0.017713 | 0.212278 | 0.000451 | 0.046594 | 0 | 0.000038 | 0.001051 | 0.017067 | 5.917267 |
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| 0.022134 | 0.197609 | 0.003439 | 0.0448 | 0 | 0.000027 | 0.001314 | 0.016968 | 5.917267 |
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| 0.017717 | 0.178471 | 0.009016 | 0.048137 | 0 | 0.000021 | 0.001739 | 0.016247 | 5.917267 |
| 0.016178 | 0.172347 | 0.007155 | 0.055435 | 0 | 0.000018 | 0.001469 | 0.015894 | 5.852224 |
| 0.016847 | 0.176962 | 0.005685 | 0.064372 | 0 | 0.000016 | 0.001342 | 0.015212 | 5.852224 |
| 0.018241 | 0.181569 | 0.024777 | 0.060195 | 0 | 0.000015 | 0.001288 | 0.014611 | 5.852224 |
| 0.004787 | 0.167633 | 0.005729 | 0.051155 | 0 | 0.000013 | 0.000734 | 0.013512 | 5.852224 |
| 0.00951 | 0.183119 | 0.001067 | 0.042924 | 0 | 0.000012 | 0.001412 | 0.012289 | 5.852224 |
| 0 | 0.220786 | 0 | 0.036941 | 0 | 0.000011 | 0.000002 | 0.011184 | 5.850769 |
| 0 | 0.213593 | 0 | 0.030991 | 0 | 0.00001 | 0.000001 | 0.010214 | 5.850769 |
| 0.022192 | 0.226072 | 0.032105 | 0.065285 | 0 | 0.001064 | 0.001891 | 0.013117 | 5.98364 |
| 0.026656 | 0.215214 | 0.042297 | 0.065958 | 0 | 0.000908 | 0.001893 | 0.013195 | 5.98364 |
| 0.019778 | 0.208644 | 0.000401 | 0.066232 | 0 | 0.000796 | 0.001052 | 0.013431 | 5.98364 |
| 0.019771 | 0.211632 | 0.001204 | 0.055435 | 0 | 0.000659 | 0.001077 | 0.01363 | 5.98364 |
| 0.017971 | 0.194334 | 0.003977 | 0.050859 | 0 | 0.000505 | 0.005276 | 0.013664 | 5.98364 |
| 0.019699 | 0.220249 | 0 | 0.049276 | 0 | 0.000379 | 0.00098 | 0.01458 | 5.962504 |
| 0.019789 | 0.209202 | 0.000892 | 0.047879 | 0 | 0.000237 | 0.001029 | 0.014021 | 5.962504 |
| 0.019153 | 0.232811 | 0.002677 | 0.046956 | 0 | 0.000087 | 0.001057 | 0.014053 | 5.962504 |
| 0.015877 | 0.263927 | 0.001648 | 0.04785 | 0 | 0.000073 | 0.001225 | 0.014079 | 5.962504 |
| 0.019502 | 0.271043 | 0.001015 | 0.049426 | 0 | 0.000111 | 0.001022 | 0.014353 | 5.962504 |
| 0.020389 | 0.230861 | 0.003409 | 0.048676 | 0 | 0.000105 | 0.001105 | 0.014453 | 5.946766 |
| 0.019341 | 0.224316 | 0.000277 | 0.04807 | 0 | 0.000082 | 0.001008 | 0.014581 | 5.946766 |
| 0.055685 | 0.218097 | 0 | 0.04833 | 0 | 0.000062 | 0.001079 | 0.014659 | 5.946766 |
| 0.026138 | 0.215185 | 0.03155 | 0.044681 | 0 | 0.000048 | 0.002189 | 0.014744 | 5.946766 |
| 0.019223 | 0.217846 | 0.013891 | 0.04934 | 0 | 0.000039 | 0.001534 | 0.015358 | 5.946766 |
| 0.020064 | 0.217459 | 0.001294 | 0.048906 | 0 | 0.000033 | 0.00102 | 0.015649 | 5.936949 |
| 0.017063 | 0.214635 | 0.003467 | 0.045906 | 0 | 0.000029 | 0.000986 | 0.015731 | 5.936949 |
| 0.034459 | 0.195942 | 0.001198 | 0.045345 | 0 | 0.000025 | 0.001041 | 0.01569 | 5.936949 |
| 0.019305 | 0.18781 | 0 | 0.045318 | 0 | 0.000022 | 0.001 | 0.01539 | 5.936949 |
| 0.019193 | 0.178128 | 0.000016 | 0.047826 | 0 | 0.000019 | 0.001017 | 0.015078 | 5.936949 |
| 0.01855 | 0.170942 | 0.001079 | 0.052157 | 0 | 0.000017 | 0.001196 | 0.014726 | 5.874331 |
| 0.01572 | 0.170632 | 0.002256 | 0.057192 | 0 | 0.000015 | 0.001526 | 0.01418 | 5.874331 |
| 0.01697 | 0.165021 | 0.007502 | 0.052323 | 0 | 0.000014 | 0.001292 | 0.013602 | 5.874331 |
| 0.017139 | 0.162749 | 0 | 0.046206 | 0 | 0.000012 | 0.001089 | 0.012568 | 5.874331 |
| 0.013873 | 0.210661 | 0.004847 | 0.045359 | 0 | 0.000011 | 0.001181 | 0.011756 | 5.874331 |
| 0.741221 | 0.109763 | 0.032953 | 0.042241 | 0 | 0.00001 | 0.000866 | 0.010646 | 5.875453 |
| 0 | 0.25177 | 0 | 0.041663 | 0 | 0.00001 | 0 | 0.009885 | 5.875453 |
| 0 | 0.129011 | 0 | 0.02873 | 0 | 0.000004 | 0.000003 | 0.008974 | 5.875453 |
| 0.019068 | 0.213753 | 0.00183 | 0.051922 | 0 | 0.001162 | 0.001053 | 0.010523 | 6.056072 |
| 0.023864 | 0.210621 | 0.013792 | 0.058593 | 0 | 0.001019 | 0.001526 | 0.010636 | 5.98364 |
| 0.034304 | 0.204462 | 0.059386 | 0.052779 | 0 | 0.000867 | 0.002789 | 0.010622 | 5.98364 |

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| 0.017599 | 0.205731 | 0 | 0.05886 | 0 | 0.000753 | 0.001597 | 0.011039 | 5.98364 |
| 0.015368 | 0.204724 | 0 | 0.04917 | 0 | 0.000623 | 0.001505 | 0.011264 | 5.98364 |
| 0.019022 | 0.205726 | 0.000401 | 0.046153 | 0 | 0.000487 | 0.001408 | 0.012181 | 5.98364 |
| 0.019716 | 0.201586 | 0.000906 | 0.044214 | 0 | 0.000365 | 0.000971 | 0.012055 | 5.962504 |
| 0.018518 | 0.199876 | 0 | 0.043772 | 0 | 0.000224 | 0.00104 | 0.011977 | 5.962504 |
| 0.019141 | 0.240683 | 0 | 0.043659 | 0 | 0.000074 | 0.001002 | 0.012046 | 5.962504 |
| 0.529755 | 0.17551 | 0.009036 | 0.042987 | 0 | 0.000054 | 0.001107 | 0.012386 | 5.962504 |
| 0.019808 | 0.287086 | 0.006246 | 0.047016 | 0 | 0.000067 | 0.001008 | 0.012905 | 5.962504 |
| 0.028359 | 0.216479 | 0.031001 | 0.044338 | 0 | 0.000055 | 0.001917 | 0.013092 | 5.946766 |
| 0.02024 | 0.213157 | 0.003718 | 0.049813 | 0 | 0.000048 | 0.001155 | 0.013357 | 5.946766 |
| 0.019132 | 0.22523 | 0.000509 | 0.047637 | 0 | 0.000042 | 0.001048 | 0.01331 | 5.946766 |
| 0.018142 | 0.241307 | 0.000851 | 0.047927 | 0 | 0.000034 | 0.001122 | 0.013647 | 5.946766 |
| 0.02284 | 0.241617 | 0.004501 | 0.048113 | 0 | 0.000029 | 0.001263 | 0.014122 | 5.946766 |
| 0.022992 | 0.240906 | 0.01414 | 0.047368 | 0 | 0.000026 | 0.001326 | 0.014411 | 5.936949 |
| 0.019746 | 0.227741 | 0.000131 | 0.048763 | 0 | 0.000023 | 0.000955 | 0.014662 | 5.936949 |
| 0.019699 | 0.201956 | 0 | 0.045977 | 0 | 0.000021 | 0.00101 | 0.014542 | 5.936949 |
| 0.019699 | 0.188699 | 0 | 0.045493 | 0 | 0.000019 | 0.001027 | 0.014166 | 5.936949 |
| 0.019678 | 0.179648 | 0.001055 | 0.046799 | 0 | 0.000017 | 0.001045 | 0.013668 | 5.936949 |
| 0.019989 | 0.172737 | 0.005408 | 0.05139 | 0 | 0.000015 | 0.001082 | 0.01327 | 5.874331 |
| 0.02211 | 0.167033 | 0.056092 | 0.046038 | 0 | 0.000014 | 0.002709 | 0.012634 | 5.874331 |
| 0.037831 | 0.163609 | 0.005202 | 0.052235 | 0 | 0.000012 | 0.001075 | 0.012467 | 5.874331 |
| 0.014833 | 0.170006 | 0.002816 | 0.043522 | 0 | 0.000011 | 0.001315 | 0.011722 | 5.874331 |
| 0.018747 | 0.19065 | 0.00072 | 0.04843 | 0 | 0.00001 | 0.001111 | 0.011266 | 5.874331 |
| 0.028404 | 0.211111 | 0.088786 | 0.034608 | 0 | 0.00001 | 0.001805 | 0.010342 | 5.875453 |
| 0.001182 | 0.15682 | 0 | 0.04532 | 0 | 0.000009 | 0.000181 | 0.009667 | 5.875453 |
| 0 | 0.117564 | 0 | 0.029207 | 0 | 0.000004 | 0 | 0.008697 | 5.875453 |
| 0.016936 | 0.215143 | 0.00076 | 0.040563 | 0 | 0.001109 | 0.001235 | 0.009938 | 6.056072 |
| 0.019778 | 0.212081 | 0.000369 | 0.042958 | 0 | 0.000984 | 0.001126 | 0.010032 | 5.98364 |
| 0.019614 | 0.203448 | 0.000369 | 0.042904 | 0 | 0.000861 | 0.001164 | 0.010114 | 5.98364 |
| 0.015256 | 0.199675 | 0.001573 | 0.038633 | 0 | 0.000737 | 0.00101 | 0.010246 | 5.98364 |
| 0.015191 | 0.195958 | 0.001949 | 0.036786 | 0 | 0.000605 | 0.001646 | 0.010347 | 5.98364 |
| 0.02149 | 0.19315 | 0.001377 | 0.035646 | 0 | 0.000471 | 0.002169 | 0.010802 | 5.98364 |
| 0.018399 | 0.193782 | 0.000554 | 0.035192 | 0 | 0.000349 | 0.001222 | 0.011062 | 5.962504 |
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| 0.018552 | 0.210622 | 0 | 0.040719 | 0 | 0.000045 | 0.001041 | 0.012426 | 5.962504 |
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| 0.019414 | 0.207842 | 0.008378 | 0.048209 | 0 | 0.000031 | 0.001241 | 0.013362 | 5.946766 |
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| 0.018316 | 0.261024 | 0.001064 | 0.046441 | 0 | 0.000023 | 0.00114 | 0.014205 | 5.946766 |
| 0.020557 | 0.200663 | 0.013097 | 0.047025 | 0 | 0.00002 | 0.001278 | 0.014653 | 5.936949 |
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| 0.018864 | 0.198366 | 0.003945 | 0.047051 | 0 | 0.000017 | 0.00129 | 0.014379 | 5.936949 |
| 0.018124 | 0.18652 | 0 | 0.045733 | 0 | 0.000016 | 0.001393 | 0.013589 | 5.936949 |
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| 0.019569 | 0.171944 | 0.002125 | 0.047751 | 0 | 0.000013 | 0.00117 | 0.012356 | 5.874331 |
| 0.018849 | 0.168084 | 0.005291 | 0.048088 | 0 | 0.000012 | 0.001353 | 0.011966 | 5.874331 |
| 0.016899 | 0.164395 | 0.00141 | 0.043641 | 0 | 0.000011 | 0.001481 | 0.011395 | 5.874331 |

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| 0.022223 | 0.159935 | 0.004458 | 0.041312 | 0 | 0.00001 | 0.001276 | 0.011068 | 5.874331 |
| 0.014728 | 0.167165 | 0.003582 | 0.043747 | 0 | 0.00001 | 0.001801 | 0.010553 | 5.874331 |
| 0.016587 | 0.151093 | 0.001988 | 0.045037 | 0 | 0.000009 | 0.000994 | 0.010041 | 5.875453 |
| 0.004929 | 0.133793 | 0.003977 | 0.03647 | 0 | 0.000009 | 0.000488 | 0.009148 | 5.875453 |
| 0 | 0.114359 | 0 | 0.030925 | 0 | 0.000004 | 0.000001 | 0.008304 | 5.875453 |
| 0 | 0.09875 | 0 | 0.026193 | 0 | 0 | 0.000001 | 0.007521 | 5.875453 |
| 0.018387 | 0.22825 | 0 | 0.032603 | 0 | 0.001087 | 0.001737 | 0.009426 | 6.056072 |
| 0.019502 | 0.222928 | 0.000237 | 0.032608 | 0 | 0.00097 | 0.001132 | 0.009458 | 5.98364 |
| 0.01945 | 0.203795 | 0.000379 | 0.031121 | 0 | 0.000854 | 0.001043 | 0.009417 | 5.98364 |
| 0.019037 | 0.195073 | 0.000803 | 0.029945 | 0 | 0.000716 | 0.001123 | 0.009489 | 5.98364 |
| 0.019305 | 0.190361 | 0 | 0.029375 | 0 | 0.000585 | 0.001177 | 0.009657 | 5.98364 |
| 0.019699 | 0.18901 | 0 | 0.029345 | 0 | 0.000453 | 0.001031 | 0.010199 | 5.98364 |
| 0.016886 | 0.188494 | 0.002677 | 0.029402 | 0 | 0.000334 | 0.001885 | 0.010229 | 5.962504 |
| 0.019699 | 0.185822 | 0 | 0.030605 | 0 | 0.000195 | 0.001092 | 0.010651 | 5.962504 |
| 0.019592 | 0.193669 | 0 | 0.031029 | 0 | 0.000057 | 0.001175 | 0.010651 | 5.962504 |
| 0.015895 | 0.187834 | 0 | 0.032968 | 0 | 0.000032 | 0.001281 | 0.011158 | 5.962504 |
| 0.019582 | 0.189427 | 0.000682 | 0.036944 | 0 | 0.000032 | 0.001059 | 0.012066 | 5.962504 |
| 0.050458 | 0.190736 | 0 | 0.04493 | 0 | 0.000026 | 0.001006 | 0.013298 | 5.946766 |
| 0.025912 | 0.204314 | 0.051576 | 0.044044 | 0 | 0.000024 | 0.002167 | 0.014067 | 5.946766 |
| 0.020267 | 0.217885 | 0.02035 | 0.05234 | 0 | 0.000023 | 0.001372 | 0.014159 | 5.946766 |
| 0.022742 | 0.235168 | 0 | 0.049848 | 0 | 0.000021 | 0.000979 | 0.014718 | 5.946766 |
| 0.019135 | 0.227825 | 0.00099 | 0.048784 | 0 | 0.000019 | 0.001032 | 0.015616 | 5.946766 |
| 0.019696 | 0.220701 | 0.006821 | 0.051819 | 0 | 0.000017 | 0.001307 | 0.015903 | 5.936949 |
| 0.027933 | 0.20492 | 0.029077 | 0.05015 | 0 | 0.000016 | 0.001947 | 0.015161 | 5.936949 |
| 0.01534 | 0.196204 | 0.001164 | 0.05518 | 0 | 0.000014 | 0.001295 | 0.014133 | 5.936949 |
| 0.023638 | 0.185871 | 0 | 0.04945 | 0 | 0.000013 | 0.00097 | 0.01291 | 5.936949 |
| 0.018912 | 0.180809 | 0 | 0.046622 | 0 | 0.000013 | 0.000997 | 0.011899 | 5.936949 |
| 0.019352 | 0.17333 | 0.005512 | 0.044493 | 0 | 0.000012 | 0.00134 | 0.01124 | 5.874331 |
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| 0.018093 | 0.164393 | 0.001731 | 0.040512 | 0 | 0.000011 | 0.001004 | 0.010438 | 5.874331 |
| 0.018323 | 0.16226 | 0.00539 | 0.039776 | 0 | 0.00001 | 0.001621 | 0.009993 | 5.874331 |
| 0.015565 | 0.161193 | 0 | 0.043141 | 0 | 0.000009 | 0.001267 | 0.009755 | 5.874331 |
| 0.019971 | 0.145179 | 0.013108 | 0.040097 | 0 | 0.000009 | 0.001141 | 0.009249 | 5.875453 |
| 0.010326 | 0.134829 | 0.003977 | 0.038243 | 0 | 0.000009 | 0.001251 | 0.008516 | 5.875453 |
| 0.00079 | 0.121728 | 0 | 0.033349 | 0 | 0.000004 | 0.000123 | 0.007853 | 5.875453 |
| 0 | 0.107549 | 0 | 0.029381 | 0 | 0 | 0 | 0.006974 | 5.875453 |
| 0.016434 | 0.283281 | 0.000431 | 0.029156 | 0 | 0.001196 | 0.001162 | 0.009432 | 6.056072 |
| 0.018124 | 0.284193 | 0 | 0.031852 | 0 | 0.00107 | 0.001085 | 0.009361 | 6.056072 |
| 0.01895 | 0.230514 | 0.001841 | 0.031358 | 0 | 0.000961 | 0.001371 | 0.009225 | 5.98364 |
| 0.019778 | 0.199604 | 0.000379 | 0.028306 | 0 | 0.000825 | 0.001033 | 0.009111 | 5.98364 |
| 0.019381 | 0.188499 | 0.00129 | 0.025951 | 0 | 0.000686 | 0.001123 | 0.009066 | 5.98364 |
| 0.019699 | 0.18266 | 0 | 0.025269 | 0 | 0.000556 | 0.001124 | 0.00915 | 5.98364 |
| 0.019379 | 0.18132 | 0.002677 | 0.025193 | 0 | 0.000428 | 0.001048 | 0.009556 | 5.98364 |
| 0.014871 | 0.178911 | 0.007422 | 0.025363 | 0 | 0.000311 | 0.002284 | 0.009573 | 5.962504 |
| 0.019699 | 0.176019 | 0 | 0.027574 | 0 | 0.000176 | 0.00106 | 0.01003 | 5.962504 |
| 0.019037 | 0.179863 | 0.00194 | 0.027701 | 0 | 0.000045 | 0.00162 | 0.009941 | 5.962504 |
| 0.015171 | 0.17471 | 0.004251 | 0.029886 | 0 | 0.00002 | 0.001512 | 0.010511 | 5.962504 |
| 0.019025 | 0.180486 | 0.000276 | 0.036046 | 0 | 0.000019 | 0.001025 | 0.011549 | 5.962504 |
| 0.015273 | 0.19391 | 0 | 0.04467 | 0 | 0.000015 | 0.000866 | 0.013499 | 5.946766 |
| 0.01728 | 0.203964 | 0.006686 | 0.054412 | 0 | 0.000013 | 0.001185 | 0.016603 | 5.946766 |

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| 0.019123 | 0.215935 | 0.002231 | 0.059318 | 0 | 0.000013 | 0.001662 | 0.018067 | 5.946766 |
| 0.016565 | 0.227646 | 0.002916 | 0.05949 | 0 | 0.000013 | 0.001529 | 0.019785 | 5.946766 |
| 0.023352 | 0.223718 | 0.001352 | 0.062053 | 0 | 0.000012 | 0.0011 | 0.020098 | 5.946766 |
| 0.018846 | 0.21569 | 0.000599 | 0.063832 | 0 | 0.00001 | 0.00106 | 0.01811 | 5.936949 |
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| 0.019849 | 0.175751 | 0.002453 | 0.045142 | 0 | 0.000007 | 0.001047 | 0.01033 | 5.874331 |
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| 0.017597 | 0.168535 | 0.001582 | 0.043718 | 0 | 0.000006 | 0.001036 | 0.009227 | 5.874331 |
| 0.016429 | 0.164221 | 0.013387 | 0.042744 | 0 | 0.000006 | 0.00139 | 0.00871 | 5.874331 |
| 0.016519 | 0.150879 | 0.018944 | 0.040918 | 0 | 0.000005 | 0.001579 | 0.008302 | 5.875453 |
| 0.017756 | 0.141718 | 0.002052 | 0.041553 | 0 | 0.000005 | 0.001491 | 0.007859 | 5.875453 |
| 0.009937 | 0.133631 | 0.003079 | 0.039131 | 0 | 0 | 0.00063 | 0.007283 | 5.875453 |
| 0 | 0.122969 | 0 | 0.036653 | 0 | 0 | 0.000007 | 0.006522 | 5.875453 |
| 0.522615 | 0.196652 | 0.000873 | 0.030482 | 0 | 0.001178 | 0.000933 | 0.009269 | 6.04855 |
| 0.026066 | 0.297419 | 0.038657 | 0.028272 | 0 | 0.001055 | 0.002334 | 0.009008 | 6.04855 |
| 0.022296 | 0.216267 | 0.013119 | 0.032585 | 0 | 0.000935 | 0.001239 | 0.009195 | 5.978793 |
| 0.019699 | 0.187449 | 0 | 0.027638 | 0 | 0.000796 | 0.001034 | 0.008913 | 5.978793 |
| 0.019071 | 0.177585 | 0.00086 | 0.024436 | 0 | 0.000659 | 0.001039 | 0.008914 | 5.978793 |
| 0.019699 | 0.172957 | 0 | 0.023973 | 0 | 0.000532 | 0.001023 | 0.008959 | 5.978793 |
| 0.01792 | 0.172846 | 0.000014 | 0.024234 | 0 | 0.000408 | 0.001275 | 0.009028 | 5.978793 |
| 0.0183 | 0.171852 | 0.001268 | 0.024769 | 0 | 0.000295 | 0.001133 | 0.009252 | 5.960754 |
| 0.01876 | 0.167487 | 0.000941 | 0.025504 | 0 | 0.000164 | 0.001154 | 0.009344 | 5.960754 |
| 0.018944 | 0.168713 | 0 | 0.026555 | 0 | 0.000039 | 0.001019 | 0.009485 | 5.960754 |
| 0.018911 | 0.16477 | 0 | 0.029302 | 0 | 0.000016 | 0.001175 | 0.010005 | 5.960754 |
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| 0.038613 | 0.185247 | 0.001491 | 0.045431 | 0 | 0.000012 | 0.001062 | 0.013734 | 5.948426 |
| 0.018727 | 0.210197 | 0.001274 | 0.063467 | 0 | 0.000011 | 0.000935 | 0.021823 | 5.948426 |
| 0.027377 | 0.245016 | 0.003095 | 0.091035 | 0 | 0.00001 | 0.011339 | 0.03248 | 5.948426 |
| 0.025055 | 0.268273 | 0.001474 | 0.117024 | 0 | 0.00001 | 0.001195 | 0.041008 | 5.948426 |
| 0.020246 | 0.253338 | 0.000767 | 0.115112 | 0 | 0.00001 | 0.001056 | 0.030752 | 5.948426 |
| 0.019698 | 0.226289 | 0.003877 | 0.092729 | 0 | 0.000009 | 0.001233 | 0.020536 | 5.942217 |
| 0.018767 | 0.203827 | 0.003638 | 0.075222 | 0 | 0.000009 | 0.001072 | 0.015579 | 5.942217 |
| 0.020329 | 0.201666 | 0.009865 | 0.065084 | 0 | 0.000008 | 0.001334 | 0.013095 | 5.942217 |
| 0.020886 | 0.19806 | 0.009845 | 0.059799 | 0 | 0.000007 | 0.001265 | 0.011817 | 5.942217 |
| 0.017036 | 0.192352 | 0.001657 | 0.056551 | 0 | 0.000007 | 0.001166 | 0.010864 | 5.942217 |
| 0.017254 | 0.183122 | 0 | 0.049995 | 0 | 0.000006 | 0.001054 | 0.010296 | 5.883271 |
| 0.018407 | 0.182027 | 0.000016 | 0.046044 | 0 | 0.000006 | 0.001031 | 0.009746 | 5.883271 |
| 0.019016 | 0.183414 | 0.015836 | 0.043893 | 0 | 0.000006 | 0.002011 | 0.009057 | 5.883271 |
| 0.018595 | 0.179385 | 0.024658 | 0.04261 | 0 | 0.000005 | 0.001539 | 0.008722 | 5.883271 |
| 0.014461 | 0.173815 | 0.005327 | 0.04394 | 0 | 0.000005 | 0.001121 | 0.008321 | 5.883271 |
| 0.018398 | 0.158563 | 0.003257 | 0.041002 | 0 | 0.000005 | 0.00117 | 0.007997 | 5.887996 |
| 0.021223 | 0.149952 | 0 | 0.045595 | 0 | 0.000005 | 0.001228 | 0.007776 | 5.887996 |
| 0.028783 | 0.144696 | 0.03788 | 0.045217 | 0 | 0 | 0.001537 | 0.007327 | 5.887996 |
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| 0 | 0.121192 | 0 | 0.038858 | 0 | 0 | 0 | 0.005693 | 5.887996 |
| 0.023444 | 0.219501 | 0.028392 | 0.026967 | 0 | 0.001019 | 0.002208 | 0.008897 | 6.04855 |

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| 0.019371 | 0.196267 | 0 | 0.029854 | 0 | 0.000893 | 0.001015 | 0.008978 | 5.978793 |
| 0.016368 | 0.17697 | 0.00043 | 0.024697 | 0 | 0.000765 | 0.00135 | 0.008728 | 5.978793 |
| 0.018585 | 0.169767 | 0.002931 | 0.023303 | 0 | 0.00063 | 0.001433 | 0.00877 | 5.978793 |
| 0.019503 | 0.166779 | 0.003569 | 0.022578 | 0 | 0.000507 | 0.00111 | 0.008843 | 5.978793 |
| 0.017502 | 0.168475 | 0.001952 | 0.022813 | 0 | 0.000388 | 0.001354 | 0.00888 | 5.978793 |
| 0.018682 | 0.168567 | 0.003569 | 0.022826 | 0 | 0.000278 | 0.001278 | 0.009022 | 5.960754 |
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| 0.016813 | 0.161749 | 0 | 0.029294 | 0 | 0.000013 | 0.001253 | 0.009905 | 5.960754 |
| 0.017686 | 0.170509 | 0.011379 | 0.033355 | 0 | 0.000011 | 0.00166 | 0.011003 | 5.960754 |
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| 0.019798 | 0.222357 | 0 | 0.083447 | 0 | 0.000009 | 0.001033 | 0.025717 | 5.948426 |
| 0.123866 | 0.234287 | 0.105742 | 0.141039 | 0 | 0.000009 | 0.109472 | 0.021745 | 5.948426 |
| 0.174843 | 0.272095 | 0.301431 | 0.161894 | 0 | 0.000009 | 0.062796 | 0.038914 | 5.948426 |
| 0.045582 | 0.277182 | 0.104598 | 0.178031 | 0 | 0.000009 | 0.006296 | 0.033573 | 5.948426 |
| 0.016258 | 0.234488 | 0.002314 | 0.122422 | 0 | 0.000008 | 0.001296 | 0.019985 | 5.942217 |
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| 0.025909 | 0.196286 | 0.003419 | 0.064277 | 0 | 0.000007 | 0.001396 | 0.012316 | 5.942217 |
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| 0.009073 | 0.191045 | 0 | 0.031015 | 0 | 0.000993 | 0.001533 | 0.009549 | 6.04855 |
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| 0.016204 | 0.169867 | 0.003556 | 0.024701 | 0 | 0.000322 | 0.001024 | 0.009031 | 5.978793 |
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| 0.060907 | 0.181643 | 0.002379 | 0.054356 | 0 | 0.000005 | 0.000978 | 0.010348 | 5.942217 |
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| 0.014303 | 0.26919 | 0.007222 | 0.041688 | 0 | 0.000004 | 0.001611 | 0.009287 | 5.883271 |
| 0.019116 | 0.214714 | 0.013412 | 0.03833 | 0 | 0.000004 | 0.001466 | 0.009075 | 5.883271 |
| 0.015368 | 0.196796 | 0 | 0.038917 | 0 | 0.000004 | 0.001221 | 0.008811 | 5.883271 |
| 0.01671 | 0.181958 | 0.000516 | 0.036488 | 0 | 0.000004 | 0.001628 | 0.008316 | 5.883271 |
| 0.018011 | 0.17735 | 0.000516 | 0.035761 | 0 | 0.000004 | 0.001087 | 0.008202 | 5.883271 |
| 0.012232 | 0.173012 | 0 | 0.036636 | 0 | 0.000004 | 0.001187 | 0.008083 | 5.887996 |
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| 0.019076 | 0.170315 | 0.002154 | 0.028541 | 0 | 0.000594 | 0.001107 | 0.009466 | 5.980131 |
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| 0.019305 | 0.162391 | 0 | 0.027081 | 0 | 0.000123 | 0.001038 | 0.00926 | 5.966975 |
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| 0.016708 | 0.19759 | 0.000043 | 0.040079 | 0 | 0.000004 | 0.001063 | 0.009373 | 5.958332 |
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| 0.019305 | 0.17117 | 0 | 0.033129 | 0 | 0.000006 | 0.001021 | 0.009943 | 5.966975 |
| 0.019338 | 0.172423 | 0 | 0.037121 | 0 | 0.000005 | 0.001042 | 0.010431 | 5.959611 |
| 0.016493 | 0.176628 | 0.009317 | 0.041718 | 0 | 0.000005 | 0.001127 | 0.010623 | 5.959611 |
| 0.019244 | 0.178235 | 0.011678 | 0.044231 | 0 | 0.000005 | 0.001117 | 0.010374 | 5.959611 |
| 0.02138 | 0.177099 | 0.000695 | 0.042453 | 0 | 0.000005 | 0.001045 | 0.010026 | 5.959611 |
| 0.01113 | 0.178042 | 0.00588 | 0.040194 | 0 | 0.000004 | 0.001288 | 0.0099 | 5.959611 |
| 0.013806 | 0.177269 | 0.021186 | 0.041067 | 0 | 0.000004 | 0.001695 | 0.009847 | 5.958332 |
| 0.015165 | 0.180499 | 0.001049 | 0.045467 | 0 | 0.000005 | 0.001079 | 0.009809 | 5.958332 |
| 0.016024 | 0.182293 | 0 | 0.039326 | 0 | 0.000005 | 0.001043 | 0.009414 | 5.958332 |
| 0.018132 | 0.177309 | 0.002435 | 0.036594 | 0 | 0.000004 | 0.001024 | 0.00922 | 5.958332 |
| 0.019689 | 0.188037 | 0.002917 | 0.036635 | 0 | 0.000004 | 0.001273 | 0.009105 | 5.958332 |
| 0.019819 | 0.18294 | 0.013252 | 0.036084 | 0 | 0.000004 | 0.001399 | 0.009079 | 5.904171 |
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| 0.017075 | 0.180423 | 0 | 0.041536 | 0 | 0.000003 | 0.001093 | 0.009159 | 5.904171 |
| 0.017927 | 0.184814 | 0 | 0.043513 | 0 | 0.000003 | 0.001159 | 0.009168 | 5.904171 |
| 0.016649 | 0.202984 | 0.001363 | 0.042561 | 0 | 0.000003 | 0.001147 | 0.009108 | 5.904171 |
| 0.25546 | 0.168071 | 0.001819 | 0.042397 | 0 | 0.000003 | 0.00114 | 0.008454 | 5.913412 |
| 0.019497 | 0.214406 | 0.00136 | 0.044732 | 0 | 0.000003 | 0.001062 | 0.008281 | 5.913412 |
| 0.021743 | 0.17535 | 0.001272 | 0.051123 | 0 | 0 | 0.001577 | 0.008284 | 5.913412 |
| 0.018366 | 0.165151 | 0.001476 | 0.06482 | 0 | 0 | 0.001037 | 0.008637 | 5.913412 |
| 0.016837 | 0.162008 | 0.003273 | 0.090002 | 0 | 0 | 0.001425 | 0.00887 | 5.913412 |
| 0.024631 | 0.160335 | 0.020005 | 0.11848 | 0 | 0 | 0.002027 | 0.009219 | 5.949332 |
| 0.038189 | 0.146749 | 0.164059 | 0.100543 | 0 | 0 | 0.002947 | 0.00842 | 5.949332 |
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| 0.020106 | 0.273207 | 0.019382 | 0.041408 | 0 | 0.001721 | 0.00163 | 0.011175 | 6.059605 |
| 0.013388 | 0.213311 | 0.001623 | 0.035803 | 0 | 0.001079 | 0.001503 | 0.009783 | 6.045184 |
| 0.017929 | 0.197377 | 0.000497 | 0.037042 | 0 | 0.000936 | 0.001065 | 0.009938 | 6.045184 |
| 0.019168 | 0.189831 | 0.003717 | 0.035354 | 0 | 0.000813 | 0.001072 | 0.009782 | 6.045184 |
| 0.011414 | 0.185642 | 0.003235 | 0.036578 | 0 | 0.000706 | 0.001441 | 0.009704 | 6.045184 |
| 0.015583 | 0.175063 | 0.022601 | 0.030071 | 0 | 0.000609 | 0.001753 | 0.009518 | 5.980131 |
| 0.017796 | 0.164405 | 0 | 0.032916 | 0 | 0.000511 | 0.001409 | 0.009503 | 5.980131 |
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| 0.01546 | 0.162336 | 0.002498 | 0.028731 | 0 | 0.00019 | 0.00117 | 0.009192 | 5.966975 |
| 0.015599 | 0.159784 | 0 | 0.028816 | 0 | 0.000108 | 0.001048 | 0.009297 | 5.966975 |
| 0.017492 | 0.162653 | 0.002274 | 0.02827 | 0 | 0.000023 | 0.001186 | 0.009313 | 5.966975 |
| 0.015762 | 0.161669 | 0 | 0.029553 | 0 | 0.000006 | 0.001181 | 0.009505 | 5.966975 |
| 0.018157 | 0.164351 | 0 | 0.031011 | 0 | 0.000005 | 0.001095 | 0.009821 | 5.966975 |
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| 0.019146 | 0.170695 | 0.003472 | 0.03746 | 0 | 0.000004 | 0.001063 | 0.010004 | 5.959611 |
| 0.018645 | 0.17346 | 0.018434 | 0.036198 | 0 | 0.000004 | 0.001166 | 0.009732 | 5.959611 |
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| 0.052155 | 0.174077 | 0.046932 | 0.037686 | 0 | 0.000003 | 0.00775 | 0.008081 | 5.904171 |
| 0.017268 | 0.195984 | 0.006013 | 0.046001 | 0 | 0.000003 | 0.001396 | 0.009346 | 5.904171 |
| 0.016727 | 0.199004 | 0.013214 | 0.043486 | 0 | 0.000003 | 0.00131 | 0.008398 | 5.913412 |
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| 0.018715 | 0.161261 | 0 | 0.058656 | 0 | 0 | 0.001 | 0.008298 | 5.913412 |
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| 0.019516 | 0.156212 | 0.002917 | 0.099671 | 0 | 0 | 0.001226 | 0.008249 | 5.949332 |
| 0.05074 | 0.140865 | 0.239363 | 0.088338 | 0 | 0 | 0.003522 | 0.007922 | 5.949332 |
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| 0.016736 | 0.258395 | 0.004731 | 0.043529 | 0 | 0.001583 | 0.001244 | 0.011273 | 6.059605 |
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| 0.018837 | 0.221704 | 0.000497 | 0.03823 | 0 | 0.001151 | 0.001038 | 0.010022 | 6.045184 |
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| 0.016781 | 0.185562 | 0 | 0.033815 | 0 | 0.000754 | 0.001026 | 0.009809 | 6.045184 |
| 0.018338 | 0.180278 | 0.002532 | 0.030394 | 0 | 0.000654 | 0.001069 | 0.009604 | 6.045184 |
| 0.018008 | 0.173583 | 0.018262 | 0.027351 | 0 | 0.000563 | 0.001606 | 0.009448 | 5.980131 |
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| 0.012975 | 0.154981 | 0 | 0.030011 | 0 | 0.0003 | 0.001196 | 0.009285 | 5.980131 |
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|----------|----------|----------|----------|---|----------|----------|----------|----------|
| 0.007386 | 0.157882 | 0.005042 | 0.029566 | 0 | 0.000178 | 0.001266 | 0.00925 | 5.966975 |
| 0.013846 | 0.155937 | 0.005687 | 0.029816 | 0 | 0.000101 | 0.001128 | 0.009337 | 5.966975 |
| 0.019108 | 0.158421 | 0 | 0.030168 | 0 | 0.000021 | 0.001161 | 0.009425 | 5.966975 |
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| 0.019699 | 0.164815 | 0 | 0.031112 | 0 | 0.000004 | 0.001009 | 0.00977 | 5.959611 |
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| 0.018712 | 0.171435 | 0 | 0.030765 | 0 | 0.000004 | 0.00113 | 0.009201 | 5.958332 |
| 0.007359 | 0.174386 | 0.000977 | 0.03092 | 0 | 0.000004 | 0.001289 | 0.009159 | 5.958332 |
| 0.021967 | 0.174013 | 0.010005 | 0.030207 | 0 | 0.000004 | 0.001128 | 0.00912 | 5.958332 |
| 0.016258 | 0.175534 | 0 | 0.032872 | 0 | 0.000004 | 0.001138 | 0.009048 | 5.958332 |
| 0.019305 | 0.179995 | 0.001468 | 0.033809 | 0 | 0.000004 | 0.001178 | 0.009045 | 5.958332 |
| 0.037133 | 0.177747 | 0.006118 | 0.035591 | 0 | 0.000003 | 0.001122 | 0.009023 | 5.904171 |
| 0.015551 | 0.181883 | 0.001509 | 0.038509 | 0 | 0.000003 | 0.001082 | 0.008978 | 5.904171 |
| 0.013793 | 0.177659 | 0.001978 | 0.040645 | 0 | 0.000003 | 0.000949 | 0.009115 | 5.904171 |
| 0.019416 | 0.180756 | 0.002457 | 0.042054 | 0 | 0.000003 | 0.001054 | 0.009011 | 5.904171 |
| 0.015762 | 0.182778 | 0 | 0.042679 | 0 | 0.000003 | 0.000946 | 0.008598 | 5.904171 |
| 0.019083 | 0.177697 | 0.005232 | 0.047172 | 0 | 0.000003 | 0.001146 | 0.00838 | 5.913412 |
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| 0.015541 | 0.154867 | 0.001792 | 0.084524 | 0 | 0 | 0.001153 | 0.007981 | 5.949332 |
| 0.055988 | 0.149603 | 0.137682 | 0.088392 | 0 | 0 | 0.004424 | 0.00778 | 5.949332 |
| 0.062584 | 0.140728 | 0.125587 | 0.089185 | 0 | 0 | 0.005217 | 0.007446 | 5.949332 |
| 0.019699 | 0.250434 | 0 | 0.046553 | 0 | 0.00145 | 0.001159 | 0.011657 | 6.059605 |
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| 0.038167 | 0.217346 | 0.009534 | 0.037919 | 0 | 0.00106 | 0.001243 | 0.010374 | 6.045184 |
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| 0.01719 | 0.177346 | 0 | 0.028051 | 0 | 0.000606 | 0.001238 | 0.009521 | 6.045184 |
| 0.017533 | 0.170389 | 0 | 0.02652 | 0 | 0.00052 | 0.001179 | 0.009456 | 5.980131 |
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| 0.007301 | 0.154249 | 0 | 0.030688 | 0 | 0.000212 | 0.001185 | 0.009402 | 5.980131 |
| 0.01432 | 0.154418 | 0.005949 | 0.036072 | 0 | 0.00016 | 0.001067 | 0.009403 | 5.966975 |
| 0.012054 | 0.155105 | 0.000812 | 0.037457 | 0 | 0.000095 | 0.00095 | 0.009476 | 5.966975 |
| 0.013007 | 0.157423 | 0 | 0.033408 | 0 | 0.00002 | 0.00162 | 0.009381 | 5.966975 |
| 0.014064 | 0.156476 | 0.000695 | 0.031186 | 0 | 0.000005 | 0.001547 | 0.00953 | 5.966975 |
| 0.015008 | 0.162724 | 0 | 0.030368 | 0 | 0.000004 | 0.001131 | 0.009621 | 5.966975 |
| 0.019699 | 0.16585 | 0 | 0.029594 | 0 | 0.000004 | 0.001159 | 0.00955 | 5.959611 |
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| 0.019305 | 0.171745 | 0 | 0.031417 | 0 | 0.000003 | 0.001015 | 0.009169 | 5.958332 |
| 0.011472 | 0.1736 | 0 | 0.031838 | 0 | 0.000003 | 0.001079 | 0.009164 | 5.958332 |
| 0.017998 | 0.176139 | 0.001929 | 0.031274 | 0 | 0.000003 | 0.001044 | 0.009126 | 5.958332 |
| 0.016683 | 0.177341 | 0 | 0.031818 | 0 | 0.000003 | 0.001152 | 0.009059 | 5.958332 |
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| 0.017688 | 0.165361 | 0.000801 | 0.05235 | 0 | 0 | 0.001035 | 0.008284 | 5.913412 |
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| 0.017435 | 0.154599 | 0.002702 | 0.067537 | 0 | 0 | 0.001404 | 0.00777 | 5.949332 |
| 0.019104 | 0.154089 | 0.001257 | 0.082795 | 0 | 0 | 0.00104 | 0.008055 | 5.949332 |
| 0.063646 | 0.141954 | 0.110367 | 0.060297 | 0 | 0 | 0.004463 | 0.007059 | 5.949332 |
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| 0.019607 | 0.249534 | 0.001752 | 0.060673 | 0 | 0.001323 | 0.001023 | 0.013199 | 6.064662 |
| 0.020079 | 0.233501 | 0.004541 | 0.05114 | 0 | 0.001125 | 0.001034 | 0.012607 | 6.064662 |
| 0.019722 | 0.218457 | 0.004983 | 0.041292 | 0 | 0.000969 | 0.001133 | 0.010816 | 6.056604 |
| 0.018847 | 0.205427 | 0 | 0.035406 | 0 | 0.000843 | 0.001043 | 0.010289 | 6.056604 |
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| 0.018157 | 0.168068 | 0 | 0.025115 | 0 | 0.000475 | 0.000992 | 0.009506 | 6.006 |
| 0.019699 | 0.154019 | 0 | 0.025037 | 0 | 0.000389 | 0.001016 | 0.009476 | 6.006 |
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| 0.020304 | 0.155947 | 0.075696 | 0.026929 | 0 | 0.000138 | 0.002037 | 0.009297 | 5.999308 |
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| 0.015713 | 0.167194 | 0.003384 | 0.035237 | 0 | 0 | 0.001118 | 0.009557 | 5.999308 |
| 0.019502 | 0.172566 | 0 | 0.031558 | 0 | 0.000001 | 0.001102 | 0.009536 | 5.999308 |
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| 0.019207 | 0.170215 | 0 | 0.02864 | 0 | 0.000001 | 0.00111 | 0.009435 | 5.998265 |
| 0.018946 | 0.170889 | 0.004104 | 0.027166 | 0 | 0.000001 | 0.001242 | 0.009295 | 5.998265 |
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| 0.019257 | 0.174086 | 0.02461 | 0.027722 | 0 | 0.000001 | 0.001302 | 0.009161 | 6.003061 |
| 0.017388 | 0.175699 | 0.002093 | 0.033182 | 0 | 0.000001 | 0.001162 | 0.00919 | 6.003061 |
| 0.017664 | 0.178392 | 0.001256 | 0.030978 | 0 | 0.000001 | 0.001044 | 0.009231 | 6.003061 |
| 0.01969 | 0.180358 | 0.001227 | 0.031042 | 0 | 0.000001 | 0.001157 | 0.009167 | 6.003061 |
| 0.018748 | 0.189692 | 0 | 0.034039 | 0 | 0.000001 | 0.001006 | 0.009162 | 6.003061 |
| 0.019502 | 0.192418 | 0 | 0.03892 | 0 | 0.000001 | 0.001032 | 0.009145 | 5.950762 |
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| 0.018915 | 0.182301 | 0.003202 | 0.044463 | 0 | 0.000001 | 0.001094 | 0.008639 | 5.950762 |
| 0.018747 | 0.184812 | 0 | 0.049011 | 0 | 0.000001 | 0.000099 | 0.008551 | 5.965254 |
| 0.043453 | 0.184947 | 0.001743 | 0.050493 | 0 | 0.000001 | 0.001106 | 0.008555 | 5.965254 |
| 0.017655 | 0.188656 | 0.000801 | 0.050329 | 0 | 0.000001 | 0.001222 | 0.008554 | 5.965254 |
| 0.019359 | 0.176006 | 0.002023 | 0.052559 | 0 | 0.000001 | 0.001214 | 0.008519 | 5.965254 |
| 0.019361 | 0.167371 | 0.000404 | 0.056223 | 0 | 0.000001 | 0.001088 | 0.008222 | 5.965254 |
| 0.020962 | 0.161704 | 0.017268 | 0.056409 | 0 | 0.000001 | 0.001244 | 0.007829 | 6.005985 |
| 0.02028 | 0.158034 | 0.001953 | 0.061475 | 0 | 0.000001 | 0.001092 | 0.007625 | 6.005985 |
| 0.018814 | 0.145699 | 0.001255 | 0.058867 | 0 | 0.000001 | 0.001358 | 0.007262 | 6.005985 |
| 0.009912 | 0.134817 | 0.004186 | 0.047843 | 0 | 0.000001 | 0.000867 | 0.006451 | 6.005985 |
| 0 | 0.115445 | 0 | 0.041792 | 0 | 0.000001 | 0.000184 | 0.005599 | 6.005985 |
| 0.024496 | 0.262209 | 0.028114 | 0.067741 | 0 | 0.001463 | 0.001352 | 0.014234 | 6.064662 |
| 0.044286 | 0.248092 | 0.102156 | 0.061511 | 0 | 0.001205 | 0.011541 | 0.012354 | 6.064662 |
| 0.019857 | 0.240883 | 0.002654 | 0.066921 | 0 | 0.001029 | 0.001089 | 0.01378 | 6.064662 |
| 0.019692 | 0.218339 | 0.000756 | 0.042549 | 0 | 0.000887 | 0.001033 | 0.010958 | 6.056604 |
| 0.018894 | 0.206051 | 0.000994 | 0.033638 | 0 | 0.000774 | 0.00112 | 0.010322 | 6.056604 |
| 0.01716 | 0.192146 | 0.002162 | 0.030618 | 0 | 0.000676 | 0.001082 | 0.01015 | 6.056604 |
| 0.016229 | 0.18466 | 0.002881 | 0.027986 | 0 | 0.00059 | 0.001125 | 0.009863 | 6.056604 |
| 0.018187 | 0.17848 | 0.001271 | 0.026442 | 0 | 0.00051 | 0.001015 | 0.009686 | 6.056604 |
| 0.019147 | 0.172135 | 0.007587 | 0.024026 | 0 | 0.000435 | 0.001498 | 0.00951 | 6.006 |
| 0.019108 | 0.159306 | 0 | 0.025496 | 0 | 0.000354 | 0.001027 | 0.009672 | 6.006 |
| 0.017266 | 0.159823 | 0.000897 | 0.025377 | 0 | 0.000279 | 0.001377 | 0.009535 | 6.006 |
| 0.016819 | 0.159593 | 0.006705 | 0.025749 | 0 | 0.000219 | 0.001287 | 0.009494 | 6.006 |
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| 0.019258 | 0.166029 | 0.00329 | 0.034835 | 0 | 0.000121 | 0.001319 | 0.009478 | 5.999308 |
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| 0.016018 | 0.190408 | 0.002389 | 0.031309 | 0 | 0.000001 | 0.001183 | 0.009507 | 5.999308 |
| 0.016157 | 0.183794 | 0 | 0.029092 | 0 | 0.000002 | 0.001014 | 0.00957 | 5.998265 |
| 0.020006 | 0.183013 | 0.002305 | 0.028103 | 0 | 0.000002 | 0.00143 | 0.009471 | 5.998265 |
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| 0.017904 | 0.183625 | 0.006173 | 0.026732 | 0 | 0.000003 | 0.00147 | 0.009257 | 5.998265 |
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| 0.017207 | 0.213527 | 0 | 0.050446 | 0 | 0.000004 | 0.000997 | 0.009453 | 5.950762 |
| 0.012783 | 0.195379 | 0 | 0.044706 | 0 | 0.000004 | 0.001196 | 0.009044 | 5.950762 |
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| 0.019151 | 0.203103 | 0.025907 | 0.048619 | 0 | 0.000004 | 0.001341 | 0.00893 | 5.965254 |
| 0.059584 | 0.204757 | 0.001601 | 0.055679 | 0 | 0.000004 | 0.00097 | 0.009196 | 5.965254 |
| 0.017032 | 0.210944 | 0.000801 | 0.054334 | 0 | 0.000004 | 0.00094 | 0.00917 | 5.965254 |
| 0.020009 | 0.201452 | 0.008417 | 0.054068 | 0 | 0.000004 | 0.001128 | 0.008927 | 5.965254 |
| 0.019975 | 0.193572 | 0.00121 | 0.056364 | 0 | 0.000004 | 0.001256 | 0.008401 | 5.965254 |
| 0.015431 | 0.181301 | 0.001678 | 0.056436 | 0 | 0.000004 | 0.001058 | 0.007964 | 6.005985 |

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| 0.024364 | 0.170549 | 0.010271 | 0.053296 | 0 | 0.000004 | 0.001277 | 0.007603 | 6.005985 |
| 0.01868 | 0.161992 | 0.000686 | 0.052952 | 0 | 0.000004 | 0.001209 | 0.007257 | 6.005985 |
| 0.015284 | 0.147121 | 0.01753 | 0.045272 | 0 | 0.000004 | 0.001586 | 0.006522 | 6.005985 |
| 0.00138 | 0.126062 | 0 | 0.044053 | 0 | 0.000005 | 0.000196 | 0.005944 | 6.005985 |
| 0.018432 | 0.256997 | 0.006656 | 0.072536 | 0 | 0.001326 | 0.001253 | 0.01441 | 6.064662 |
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| 0.01993 | 0.238616 | 0.005444 | 0.061169 | 0 | 0.00094 | 0.001346 | 0.012725 | 6.064662 |
| 0.018134 | 0.215843 | 0.007349 | 0.038464 | 0 | 0.000812 | 0.001099 | 0.010919 | 6.056604 |
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| 0.018557 | 0.192675 | 0.003675 | 0.030505 | 0 | 0.00062 | 0.00131 | 0.010366 | 6.056604 |
| 0.010337 | 0.188191 | 0.000525 | 0.029098 | 0 | 0.00054 | 0.000992 | 0.010049 | 6.056604 |
| 0.013186 | 0.181873 | 0.002024 | 0.026515 | 0 | 0.000466 | 0.000983 | 0.009817 | 6.056604 |
| 0.018944 | 0.175166 | 0 | 0.026252 | 0 | 0.000397 | 0.001057 | 0.009776 | 6.006 |
| 0.017993 | 0.162754 | 0 | 0.026768 | 0 | 0.000321 | 0.001816 | 0.009696 | 6.006 |
| 0.017395 | 0.163037 | 0.001662 | 0.02667 | 0 | 0.000253 | 0.001383 | 0.009716 | 6.006 |
| 0.019108 | 0.162675 | 0 | 0.027025 | 0 | 0.000198 | 0.001067 | 0.009566 | 6.006 |
| 0.016484 | 0.168635 | 0 | 0.027973 | 0 | 0.000151 | 0.001402 | 0.009493 | 6.006 |
| 0.014593 | 0.171573 | 0 | 0.029286 | 0 | 0.000106 | 0.001407 | 0.009492 | 5.999308 |
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| 0.017225 | 0.190817 | 0 | 0.030242 | 0 | 0.000005 | 0.00102 | 0.009568 | 6.003061 |
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| 0.018325 | 0.184718 | 0.005576 | 0.0331 | 0 | 0.000005 | 0.001146 | 0.00946 | 6.003061 |
| 0.025793 | 0.1844 | 0.023856 | 0.033076 | 0 | 0.000006 | 0.001497 | 0.009284 | 6.003061 |
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| 0.525589 | 0.173978 | 0.023662 | 0.040525 | 0 | 0.000007 | 0.001191 | 0.009252 | 5.950762 |
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| 0.0191 | 0.217731 | 0.008017 | 0.071877 | 0 | 0.000007 | 0.001127 | 0.01048 | 5.965254 |
| 0.019992 | 0.236135 | 0.003403 | 0.074217 | 0 | 0.000007 | 0.001036 | 0.010794 | 5.965254 |
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| 0.016581 | 0.180297 | 0.016887 | 0.061704 | 0 | 0.000008 | 0.001637 | 0.00778 | 6.005985 |
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| 0.016323 | 0.234495 | 0.001566 | 0.057847 | 0 | 0.000994 | 0.000898 | 0.013232 | 6.064662 |
| 0.017996 | 0.227377 | 0.002624 | 0.041828 | 0 | 0.000855 | 0.001733 | 0.011761 | 6.064662 |

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| 0.019588 | 0.211621 | 0.005307 | 0.034303 | 0 | 0.00074 | 0.001205 | 0.010798 | 6.056604 |
| 0.019702 | 0.204144 | 0.003977 | 0.031343 | 0 | 0.000646 | 0.002661 | 0.010278 | 6.056604 |
| 0.019409 | 0.193766 | 0.007491 | 0.030379 | 0 | 0.000565 | 0.001284 | 0.010474 | 6.056604 |
| 0.018593 | 0.189115 | 0.003858 | 0.029204 | 0 | 0.000492 | 0.001253 | 0.010088 | 6.056604 |
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| 0.019855 | 0.17749 | 0.000786 | 0.027424 | 0 | 0.000359 | 0.001188 | 0.009899 | 6.006 |
| 0.019648 | 0.163857 | 0.011944 | 0.026917 | 0 | 0.000291 | 0.001393 | 0.009923 | 6.006 |
| 0.019699 | 0.164959 | 0 | 0.029509 | 0 | 0.000229 | 0.001051 | 0.00986 | 6.006 |
| 0.01796 | 0.166951 | 0 | 0.028186 | 0 | 0.000179 | 0.000972 | 0.00973 | 6.006 |
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| 0.019787 | 0.176736 | 0 | 0.028928 | 0 | 0.000092 | 0.001138 | 0.009662 | 5.999308 |
| 0.016746 | 0.178232 | 0 | 0.0291 | 0 | 0.000057 | 0.000947 | 0.00965 | 5.999308 |
| 0.017748 | 0.182743 | 0.00074 | 0.029581 | 0 | 0.000013 | 0.001422 | 0.00958 | 5.999308 |
| 0.016342 | 0.187349 | 0.000689 | 0.032328 | 0 | 0.000002 | 0.001264 | 0.009775 | 5.999308 |
| 0.018911 | 0.194988 | 0 | 0.036189 | 0 | 0.000003 | 0.00119 | 0.009969 | 5.999308 |
| 0.014856 | 0.201579 | 0.000659 | 0.03459 | 0 | 0.000004 | 0.001544 | 0.010018 | 5.998265 |
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| 0.012975 | 0.261946 | 0 | 0.029806 | 0 | 0.000006 | 0.001094 | 0.010275 | 5.998265 |
| 0.014993 | 0.263693 | 0.001007 | 0.02919 | 0 | 0.000006 | 0.001034 | 0.010097 | 5.998265 |
| 0.016653 | 0.214497 | 0.001952 | 0.029833 | 0 | 0.000007 | 0.001205 | 0.010156 | 5.998265 |
| 0.0197 | 0.195154 | 0.001937 | 0.030939 | 0 | 0.000007 | 0.001159 | 0.010062 | 6.003061 |
| 0.018226 | 0.188492 | 0.004349 | 0.031593 | 0 | 0.000008 | 0.001267 | 0.009729 | 6.003061 |
| 0.018305 | 0.188458 | 0.000684 | 0.034631 | 0 | 0.000009 | 0.00129 | 0.009547 | 6.003061 |
| 0.018061 | 0.189104 | 0.011215 | 0.034985 | 0 | 0.000009 | 0.00132 | 0.009406 | 6.003061 |
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| 0.019231 | 0.237044 | 0.00549 | 0.04041 | 0 | 0.00001 | 0.001101 | 0.009258 | 5.950762 |
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| 0.01724 | 0.189944 | 0 | 0.041749 | 0 | 0.00001 | 0.001054 | 0.009562 | 5.950762 |
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| 0.017423 | 0.213353 | 0.002591 | 0.061319 | 0 | 0.000011 | 0.00109 | 0.008223 | 6.005985 |
| 0.031421 | 0.186872 | 0.121807 | 0.047882 | 0 | 0.000011 | 0.002578 | 0.007744 | 6.005985 |
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| 0.016264 | 0.220943 | 0.002516 | 0.035358 | 0 | 0.000774 | 0.001015 | 0.011761 | 6.064662 |
| 0.017484 | 0.210214 | 0.000013 | 0.031282 | 0 | 0.00067 | 0.000916 | 0.010744 | 6.056604 |
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| 0.019108 | 0.195827 | 0.00209 | 0.030022 | 0 | 0.000445 | 0.001092 | 0.010279 | 6.056604 |
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| 0.016026 | 0.186806 | 0.003872 | 0.028215 | 0 | 0.000326 | 0.001106 | 0.010086 | 6.006 |
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| 0.016997 | 0.179556 | 0.001426 | 0.037506 | 0 | 0.000159 | 0.001473 | 0.010082 | 6.006 |
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| 0.019669 | 0.191708 | 0.000094 | 0.031712 | 0 | 0.000078 | 0.001215 | 0.009926 | 5.999308 |
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| 0.052433 | 0.201476 | 0.06577 | 0.027616 | 0 | 0.000004 | 0.002342 | 0.010105 | 5.999308 |
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| 0.019141 | 0.253077 | 0 | 0.032272 | 0 | 0.000006 | 0.001048 | 0.010432 | 5.998265 |
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| 0.014849 | 0.296419 | 0.00112 | 0.036014 | 0 | 0.000008 | 0.001502 | 0.012006 | 5.998265 |
| 0.016018 | 0.215854 | 0.000439 | 0.034924 | 0 | 0.000009 | 0.001459 | 0.011981 | 5.998265 |
| 0.019223 | 0.196972 | 0 | 0.033406 | 0 | 0.00001 | 0.001066 | 0.010518 | 6.003061 |
| 0.011393 | 0.188293 | 0.006889 | 0.032102 | 0 | 0.000011 | 0.001571 | 0.009807 | 6.003061 |
| 0.023525 | 0.186267 | 0.003445 | 0.034011 | 0 | 0.000012 | 0.001475 | 0.009588 | 6.003061 |
| 0.014834 | 0.185896 | 0.003999 | 0.035074 | 0 | 0.000014 | 0.001661 | 0.009365 | 6.003061 |
| 0.018382 | 0.190643 | 0.002831 | 0.03652 | 0 | 0.000014 | 0.001143 | 0.00945 | 6.003061 |
| 0.019699 | 0.192533 | 0 | 0.038733 | 0 | 0.000015 | 0.001019 | 0.009505 | 5.950762 |
| 0.019982 | 0.190741 | 0.006652 | 0.038413 | 0 | 0.000015 | 0.001044 | 0.009502 | 5.950762 |
| 0.019794 | 0.185281 | 0.000735 | 0.042948 | 0 | 0.000015 | 0.001047 | 0.009627 | 5.950762 |
| 0.018598 | 0.194948 | 0.001278 | 0.057065 | 0 | 0.000014 | 0.001189 | 0.011184 | 5.950762 |
| 0.04771 | 0.219356 | 0.079534 | 0.081043 | 0 | 0.000014 | 0.02117 | 0.010433 | 5.950762 |
| 0.114964 | 0.201393 | 0.283516 | 0.06875 | 0 | 0.000014 | 0.01768 | 0.012964 | 5.965254 |
| 0.018228 | 0.291568 | 0.005059 | 0.106357 | 0 | 0.000014 | 0.001552 | 0.013271 | 5.965254 |
| 0.44563 | 0.209194 | 0 | 0.065078 | 0 | 0.000015 | 0.001271 | 0.010196 | 5.965254 |
| 0.017016 | 0.304453 | 0 | 0.053908 | 0 | 0.000015 | 0.001192 | 0.009179 | 5.965254 |
| 0.153688 | 0.22222 | 0.007702 | 0.050869 | 0 | 0.000015 | 0.001407 | 0.008505 | 5.965254 |
| 0.01888 | 0.226883 | 0.002307 | 0.05867 | 0 | 0.000016 | 0.00109 | 0.008273 | 6.005985 |
| 0.015856 | 0.205837 | 0.004831 | 0.068487 | 0 | 0.000016 | 0.00162 | 0.0081 | 6.005985 |
| 0.020802 | 0.193716 | 0.041343 | 0.059105 | 0 | 0.000017 | 0.001335 | 0.007907 | 6.005985 |
| 0.015055 | 0.173905 | 0.015543 | 0.062932 | 0 | 0.000017 | 0.001859 | 0.007378 | 6.005985 |
| 0.018482 | 0.147571 | 0.004552 | 0.060591 | 0 | 0.000018 | 0.0011 | 0.007017 | 6.005985 |
| 0.006748 | 0.133655 | 0.005666 | 0.050503 | 0 | 0.000018 | 0.000404 | 0.006195 | 6.025577 |
| 0.014275 | 0.224667 | 0.004286 | 0.033392 | 0 | 0.000695 | 0.001025 | 0.011894 | 6.046918 |
| 0.006554 | 0.218443 | 0 | 0.029851 | 0 | 0.000603 | 0.001116 | 0.010937 | 6.046683 |
| 0.009669 | 0.214758 | 0 | 0.02852 | 0 | 0.000527 | 0.001109 | 0.010724 | 6.046683 |
| 0.018705 | 0.20756 | 0.000623 | 0.031178 | 0 | 0.000461 | 0.001119 | 0.010677 | 6.046683 |
| 0.015009 | 0.208164 | 0.003944 | 0.032694 | 0 | 0.000402 | 0.001594 | 0.010517 | 6.046683 |
| 0.012625 | 0.205396 | 0 | 0.031834 | 0 | 0.000346 | 0.001397 | 0.010408 | 6.046683 |
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| 0.024173 | 0.190983 | 0.042167 | 0.032672 | 0 | 0.000187 | 0.001425 | 0.010334 | 6.003928 |
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| 0.016407 | 0.211745 | 0.001426 | 0.032819 | 0 | 0.000066 | 0.001468 | 0.010297 | 6.004905 |
| 0.030403 | 0.203575 | 0.001327 | 0.030643 | 0 | 0.000038 | 0.001094 | 0.010236 | 6.004905 |
| 0.019535 | 0.210432 | 0 | 0.031785 | 0 | 0.000013 | 0.001018 | 0.010266 | 6.004905 |
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| 0.015387 | 0.222965 | 0 | 0.038967 | 0 | 0.000005 | 0.001353 | 0.010943 | 6.004905 |
| 0.020919 | 0.235042 | 0.001592 | 0.034648 | 0 | 0.000006 | 0.001219 | 0.010902 | 6.011222 |

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| 0.018923 | 0.255174 | 0.000382 | 0.034432 | 0 | 0.000007 | 0.001023 | 0.010744 | 6.011222 |
| 0.021401 | 0.26713 | 0.018981 | 0.035013 | 0 | 0.000009 | 0.001508 | 0.011656 | 6.011222 |
| 0.032078 | 0.225408 | 0.0487 | 0.03244 | 0 | 0.00001 | 0.015954 | 0.009831 | 6.011222 |
| 0.018695 | 0.205335 | 0.00105 | 0.039027 | 0 | 0.000011 | 0.001016 | 0.012717 | 6.011222 |
| 0.011104 | 0.196334 | 0.001368 | 0.033316 | 0 | 0.000013 | 0.001664 | 0.010164 | 6.022954 |
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| 0.021108 | 0.185976 | 0.005095 | 0.037257 | 0 | 0.000018 | 0.003259 | 0.009164 | 5.977058 |
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| 0.017279 | 0.185359 | 0.000514 | 0.043848 | 0 | 0.000018 | 0.001069 | 0.00982 | 5.977058 |
| 0.018575 | 0.193641 | 0.001442 | 0.054613 | 0 | 0.000018 | 0.001178 | 0.010632 | 5.977058 |
| 0.019059 | 0.220721 | 0.004293 | 0.073983 | 0 | 0.000018 | 0.000974 | 0.012497 | 5.977058 |
| 0.018767 | 0.237777 | 0.001562 | 0.080497 | 0 | 0.000018 | 0.001083 | 0.012135 | 5.997305 |
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| 0.019535 | 0.241148 | 0 | 0.051238 | 0 | 0.000019 | 0.001033 | 0.009012 | 5.997305 |
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| 0.017023 | 0.268868 | 0.000382 | 0.059297 | 0 | 0.00002 | 0.001144 | 0.008405 | 6.043193 |
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| 0.020385 | 0.211184 | 0.000382 | 0.066322 | 0 | 0.000021 | 0.001036 | 0.008189 | 6.043193 |
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| 0.019424 | 0.160554 | 0.000429 | 0.060357 | 0 | 0.000022 | 0.001855 | 0.007361 | 6.043193 |
| 0.012171 | 0.149436 | 0.000429 | 0.059829 | 0 | 0.000023 | 0.000998 | 0.006779 | 6.066987 |
| 0 | 0.134495 | 0 | 0.056844 | 0 | 0.000023 | 0.000199 | 0.006009 | 6.066987 |
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| 0.012349 | 0.224679 | 0.000013 | 0.028945 | 0 | 0.000474 | 0.000936 | 0.01129 | 6.046683 |
| 0.016188 | 0.218452 | 0 | 0.033298 | 0 | 0.000416 | 0.001273 | 0.011141 | 6.046683 |
| 0.025558 | 0.218165 | 0.045041 | 0.027255 | 0 | 0.000361 | 0.001942 | 0.010856 | 6.046683 |
| 0.019153 | 0.220077 | 0 | 0.034245 | 0 | 0.000312 | 0.000988 | 0.010717 | 6.046683 |
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| 0.01917 | 0.195449 | 0.03165 | 0.032909 | 0 | 0.000017 | 0.001249 | 0.009587 | 6.022954 |
| 0.018354 | 0.195369 | 0 | 0.038963 | 0 | 0.000019 | 0.000981 | 0.009462 | 6.022954 |

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| 0.017763 | 0.187878 | 0 | 0.036087 | 0 | 0.00002 | 0.000981 | 0.009325 | 6.022954 |
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| 0.018111 | 0.192495 | 0.001034 | 0.040396 | 0 | 0.000021 | 0.001027 | 0.009438 | 5.977058 |
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| 0.017253 | 0.215643 | 0.00574 | 0.052718 | 0 | 0.000021 | 0.001636 | 0.009842 | 5.997305 |
| 0.01958 | 0.222817 | 0.0004 | 0.050775 | 0 | 0.000021 | 0.001003 | 0.009636 | 5.997305 |
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| 0.512292 | 0.189615 | 0.040004 | 0.050292 | 0 | 0.000024 | 0.001917 | 0.00837 | 6.043193 |
| 0.018734 | 0.289041 | 0.007958 | 0.059602 | 0 | 0.000025 | 0.001357 | 0.008414 | 6.043193 |
| 0.019071 | 0.209872 | 0.000764 | 0.059719 | 0 | 0.000025 | 0.00118 | 0.008244 | 6.043193 |
| 0.019836 | 0.195128 | 0.005902 | 0.070087 | 0 | 0.000026 | 0.001478 | 0.008179 | 6.043193 |
| 0.019347 | 0.185836 | 0.001893 | 0.08627 | 0 | 0.000027 | 0.001483 | 0.008134 | 6.043193 |
| 0.026342 | 0.174451 | 0.033898 | 0.098537 | 0 | 0.000027 | 0.002256 | 0.007508 | 6.066987 |
| 0.00722 | 0.156697 | 0.036414 | 0.093132 | 0 | 0.000027 | 0.000652 | 0.00696 | 6.066987 |
| 0.015802 | 0.23203 | 0.002636 | 0.030506 | 0 | 0.000482 | 0.001346 | 0.011991 | 6.046683 |
| 0.0192 | 0.225325 | 0.002513 | 0.029962 | 0 | 0.000424 | 0.001233 | 0.011683 | 6.046683 |
| 0.012348 | 0.22265 | 0.00575 | 0.031566 | 0 | 0.000373 | 0.001823 | 0.011217 | 6.046683 |
| 0.015153 | 0.226768 | 0.002491 | 0.032634 | 0 | 0.000326 | 0.001547 | 0.010952 | 6.046683 |
| 0.019699 | 0.230383 | 0 | 0.02891 | 0 | 0.000281 | 0.001015 | 0.01068 | 6.046683 |
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| 0.019207 | 0.24445 | 0 | 0.039135 | 0 | 0.000007 | 0.001013 | 0.012246 | 6.004905 |
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| 0.015826 | 0.206791 | 0.009441 | 0.032848 | 0 | 0.000014 | 0.001288 | 0.010186 | 6.011222 |
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| 0.02086 | 0.221193 | 0.012116 | 0.051292 | 0 | 0.000026 | 0.002095 | 0.009251 | 5.997305 |
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| 0.04415 | 0.254312 | 0.006176 | 0.050542 | 0 | 0.000029 | 0.001187 | 0.008554 | 6.043193 |
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| 0.01793 | 0.274219 | 0.000897 | 0.047535 | 0 | 0.000063 | 0.001114 | 0.012617 | 6.003928 |
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| 0.014834 | 0.210916 | 0 | 0.03534 | 0 | 0.000016 | 0.001013 | 0.009924 | 6.011222 |
| 0.017926 | 0.208632 | 0 | 0.037098 | 0 | 0.000017 | 0.001199 | 0.009757 | 6.022954 |
| 0.013521 | 0.203602 | 0.013555 | 0.036582 | 0 | 0.000019 | 0.00148 | 0.009613 | 6.022954 |
| 0.017914 | 0.201267 | 0 | 0.040274 | 0 | 0.000021 | 0.000979 | 0.009532 | 6.022954 |
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| 0.026556 | 0.196965 | 0.004725 | 0.041299 | 0 | 0.000027 | 0.00113 | 0.009109 | 5.977058 |
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| 0.018954 | 0.199281 | 0.001357 | 0.041453 | 0 | 0.000027 | 0.001117 | 0.009222 | 5.977058 |
| 0.017131 | 0.202113 | 0.002211 | 0.042869 | 0 | 0.000028 | 0.001216 | 0.009303 | 5.977058 |
| 0.015756 | 0.208242 | 0.008185 | 0.045701 | 0 | 0.000028 | 0.001169 | 0.009269 | 5.997305 |
| 0.024483 | 0.211453 | 0.03767 | 0.045429 | 0 | 0.000029 | 0.001648 | 0.009191 | 5.997305 |
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| 0.019902 | 0.231255 | 0.003164 | 0.04892 | 0 | 0.000032 | 0.001152 | 0.009069 | 5.997305 |
| 0.020278 | 0.242991 | 0.0016 | 0.048386 | 0 | 0.000033 | 0.00126 | 0.008837 | 5.997305 |
| 0.015524 | 0.23452 | 0.0008 | 0.048447 | 0 | 0.000035 | 0.001416 | 0.008608 | 6.043193 |
| 0.014776 | 0.208893 | 0.000902 | 0.049169 | 0 | 0.000036 | 0.001102 | 0.008408 | 6.043193 |
| 0.015253 | 0.197964 | 0.000518 | 0.059512 | 0 | 0.000037 | 0.001351 | 0.008233 | 6.043193 |
| 0.018917 | 0.194478 | 0.018881 | 0.070146 | 0 | 0.000037 | 0.001279 | 0.008289 | 6.043193 |
| 0.019225 | 0.185086 | 0.001848 | 0.088414 | 0 | 0.000037 | 0.001602 | 0.008075 | 6.043193 |

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| 0.026595 | 0.177665 | 0.044759 | 0.103123 | 0 | 0.000037 | 0.001914 | 0.007856 | 6.066987 |
| 0.030014 | 0.153219 | 0.111371 | 0.082133 | 0 | 0.000035 | 0.001995 | 0.006901 | 6.066987 |
| 0.013754 | 0.227675 | 0.000784 | 0.042223 | 0 | 0.000435 | 0.010487 | 0.013445 | 6.046918 |
| 0.009763 | 0.245599 | 0.000726 | 0.034835 | 0 | 0.000384 | 0.001119 | 0.014022 | 6.046683 |
| 0.021388 | 0.232438 | 0.002264 | 0.032131 | 0 | 0.000341 | 0.001111 | 0.011939 | 6.046683 |
| 0.019792 | 0.232798 | 0 | 0.032021 | 0 | 0.000301 | 0.001062 | 0.011352 | 6.046683 |
| 0.01919 | 0.245193 | 0.001325 | 0.030051 | 0 | 0.000264 | 0.000991 | 0.011022 | 6.046683 |
| 0.011947 | 0.269021 | 0.001174 | 0.028527 | 0 | 0.000228 | 0.001119 | 0.010761 | 6.046683 |
| 0.016976 | 0.28769 | 0 | 0.028411 | 0 | 0.000193 | 0.001186 | 0.010674 | 6.003928 |
| 0.017213 | 0.274943 | 0.001638 | 0.029184 | 0 | 0.000152 | 0.000963 | 0.010722 | 6.003928 |
| 0.020031 | 0.304056 | 0.003128 | 0.032391 | 0 | 0.000113 | 0.001043 | 0.010862 | 6.003928 |
| 0.021172 | 0.309005 | 0.009177 | 0.038893 | 0 | 0.00008 | 0.001141 | 0.011616 | 6.003928 |
| 0.021912 | 0.301461 | 0.012435 | 0.060686 | 0 | 0.000052 | 0.001233 | 0.013896 | 6.003928 |
| 0.053678 | 0.296313 | 0.079652 | 0.083432 | 0 | 0.000027 | 0.005443 | 0.016331 | 6.004905 |
| 0.039424 | 0.320197 | 0.048962 | 0.104743 | 0 | 0.000005 | 0.003173 | 0.017661 | 6.004905 |
| 0.019652 | 0.33469 | 0.010467 | 0.085791 | 0 | 0.000006 | 0.001762 | 0.01806 | 6.004905 |
| 0.019848 | 0.289327 | 0.00161 | 0.058514 | 0 | 0.000007 | 0.001041 | 0.016416 | 6.004905 |
| 0.018972 | 0.262162 | 0.002895 | 0.044097 | 0 | 0.000009 | 0.001047 | 0.013783 | 6.004905 |
| 0.019795 | 0.24619 | 0.011144 | 0.035379 | 0 | 0.00001 | 0.001166 | 0.012056 | 6.011222 |
| 0.014577 | 0.237645 | 0.000969 | 0.033819 | 0 | 0.000012 | 0.001111 | 0.011114 | 6.011222 |
| 0.017566 | 0.221773 | 0 | 0.032015 | 0 | 0.000014 | 0.001082 | 0.010569 | 6.011222 |
| 0.020435 | 0.215775 | 0.001807 | 0.035797 | 0 | 0.000015 | 0.001 | 0.010239 | 6.011222 |
| 0.012559 | 0.213561 | 0.004091 | 0.042972 | 0 | 0.000017 | 0.000762 | 0.010144 | 6.011222 |
| 0.012714 | 0.211523 | 0.002471 | 0.043799 | 0 | 0.000019 | 0.001009 | 0.009955 | 6.022954 |
| 0.018321 | 0.203445 | 0 | 0.041641 | 0 | 0.000021 | 0.000999 | 0.009721 | 6.022954 |
| 0.01873 | 0.202202 | 0.020215 | 0.037911 | 0 | 0.000023 | 0.001083 | 0.009595 | 6.022954 |
| 0.014476 | 0.195344 | 0.003096 | 0.04353 | 0 | 0.000026 | 0.000994 | 0.009585 | 6.022954 |
| 0.013735 | 0.189928 | 0.012638 | 0.041215 | 0 | 0.000028 | 0.001323 | 0.009269 | 6.022954 |
| 0.017383 | 0.196278 | 0.009738 | 0.041994 | 0 | 0.00003 | 0.001073 | 0.00917 | 5.977058 |
| 0.019439 | 0.202594 | 0.001028 | 0.041887 | 0 | 0.000031 | 0.000779 | 0.009296 | 5.977058 |
| 0.018486 | 0.199652 | 0.000044 | 0.040956 | 0 | 0.000032 | 0.001063 | 0.00949 | 5.977058 |
| 0.018685 | 0.202054 | 0.000992 | 0.041547 | 0 | 0.000032 | 0.001322 | 0.009431 | 5.977058 |
| 0.019108 | 0.203622 | 0 | 0.042524 | 0 | 0.000032 | 0.001056 | 0.009558 | 5.977058 |
| 0.015331 | 0.205983 | 0.002147 | 0.043896 | 0 | 0.000033 | 0.001052 | 0.009464 | 5.997305 |
| 0.008199 | 0.2167 | 0.000379 | 0.046728 | 0 | 0.000034 | 0.00109 | 0.009312 | 5.997305 |
| 0.018544 | 0.225361 | 0.000818 | 0.046025 | 0 | 0.000036 | 0.001084 | 0.009231 | 5.997305 |
| 0.019732 | 0.235141 | 0.0004 | 0.047022 | 0 | 0.000038 | 0.001056 | 0.009083 | 5.997305 |
| 0.171546 | 0.215449 | 0.021661 | 0.044673 | 0 | 0.000041 | 0.002449 | 0.008642 | 5.997305 |
| 0.022581 | 0.233718 | 0.0004 | 0.049081 | 0 | 0.000043 | 0.001305 | 0.008661 | 6.043193 |
| 0.018321 | 0.204669 | 0 | 0.048145 | 0 | 0.000044 | 0.001155 | 0.008352 | 6.043193 |
| 0.018206 | 0.195832 | 0.000518 | 0.05295 | 0 | 0.000045 | 0.001258 | 0.008229 | 6.043193 |
| 0.020986 | 0.188674 | 0.003503 | 0.058181 | 0 | 0.000044 | 0.00124 | 0.008132 | 6.043193 |
| 0.017331 | 0.181143 | 0.000464 | 0.068278 | 0 | 0.000043 | 0.001143 | 0.008131 | 6.043193 |
| 0.014983 | 0.17876 | 0.015231 | 0.078708 | 0 | 0.000042 | 0.001874 | 0.007801 | 6.066987 |
| 0.013322 | 0.160021 | 0.063224 | 0.071519 | 0 | 0.000039 | 0.000936 | 0.007354 | 6.066987 |
| 0 | 0.137433 | 0 | 0.068725 | 0 | 0.000037 | 0.000069 | 0.006301 | 6.066987 |
| 0.015337 | 0.242742 | 0 | 0.040239 | 0 | 0.000039 | 0.001089 | 0.015116 | 6.030312 |
| 0.019234 | 0.232991 | 0.000442 | 0.034666 | 0 | 0.000345 | 0.001046 | 0.013097 | 6.038811 |
| 0.012797 | 0.234411 | 0.008988 | 0.03384 | 0 | 0.000307 | 0.000826 | 0.012181 | 6.038811 |
| 0.017492 | 0.236384 | 0.006876 | 0.0354 | 0 | 0.000271 | 0.00137 | 0.011643 | 6.038811 |

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| 0.015953 | 0.260577 | 0.000009 | 0.03539 | 0 | 0.000237 | 0.001363 | 0.011389 | 6.038811 |
| 0.02146 | 0.284471 | 0.002905 | 0.033906 | 0 | 0.000204 | 0.001267 | 0.011143 | 6.038811 |
| 0.017896 | 0.362989 | 0 | 0.032514 | 0 | 0.000172 | 0.001037 | 0.010987 | 6.004776 |
| 0.019596 | 0.47903 | 0.000707 | 0.030955 | 0 | 0.000134 | 0.001054 | 0.010857 | 6.004776 |
| 0.019585 | 0.499819 | 0.000459 | 0.034128 | 0 | 0.000098 | 0.001027 | 0.011103 | 6.004776 |
| 0.022032 | 0.353767 | 0.014614 | 0.039856 | 0 | 0.000068 | 0.001233 | 0.011813 | 6.004776 |
| 0.019915 | 0.315945 | 0.012859 | 0.069007 | 0 | 0.000042 | 0.001626 | 0.014483 | 6.004776 |
| 0.095167 | 0.309835 | 0.215343 | 0.075774 | 0 | 0.000018 | 0.010421 | 0.019918 | 6.014212 |
| 0.120492 | 0.384619 | 0.269947 | 0.085123 | 0 | 0.000005 | 0.011806 | 0.028049 | 6.014212 |
| 0.024166 | 0.388138 | 0.00935 | 0.100146 | 0 | 0.000007 | 0.001797 | 0.029481 | 6.014212 |
| 0.029058 | 0.295238 | 0.019115 | 0.050832 | 0 | 0.000008 | 0.001355 | 0.018259 | 6.014212 |
| 0.018353 | 0.26683 | 0 | 0.041128 | 0 | 0.00001 | 0.001395 | 0.013908 | 6.014212 |
| 0.018781 | 0.247885 | 0 | 0.033409 | 0 | 0.000012 | 0.001075 | 0.012065 | 6.028565 |
| 0.019699 | 0.237366 | 0 | 0.030647 | 0 | 0.000013 | 0.001002 | 0.011106 | 6.028565 |
| 0.017214 | 0.222956 | 0.000015 | 0.030598 | 0 | 0.000015 | 0.001446 | 0.010392 | 6.028565 |
| 0.017509 | 0.217187 | 0.001768 | 0.039084 | 0 | 0.000017 | 0.001126 | 0.010235 | 6.028565 |
| 0.024613 | 0.212081 | 0.098308 | 0.02962 | 0 | 0.000019 | 0.003197 | 0.009685 | 6.028565 |
| 0.017479 | 0.213021 | 0.004931 | 0.04919 | 0 | 0.000021 | 0.001133 | 0.009965 | 6.047779 |
| 0.014216 | 0.206758 | 0.000849 | 0.039945 | 0 | 0.000023 | 0.001037 | 0.009657 | 6.047779 |
| 0.016456 | 0.20529 | 0.002057 | 0.04228 | 0 | 0.000026 | 0.001504 | 0.009637 | 6.047779 |
| 0.019073 | 0.199866 | 0.034952 | 0.0388 | 0 | 0.000028 | 0.001241 | 0.009879 | 6.047779 |
| 0.015927 | 0.197081 | 0 | 0.047115 | 0 | 0.000031 | 0.000924 | 0.009758 | 6.047779 |
| 0.01685 | 0.207655 | 0.002057 | 0.044883 | 0 | 0.000034 | 0.000894 | 0.009566 | 6.008685 |
| 0.015453 | 0.213082 | 0.001028 | 0.046365 | 0 | 0.000036 | 0.000872 | 0.009882 | 6.008685 |
| 0.017096 | 0.207011 | 0.000131 | 0.045691 | 0 | 0.000037 | 0.001007 | 0.01023 | 6.008685 |
| 0.019456 | 0.206768 | 0.010503 | 0.041961 | 0 | 0.000038 | 0.001349 | 0.010009 | 6.008685 |
| 0.019699 | 0.208154 | 0 | 0.043057 | 0 | 0.000039 | 0.001027 | 0.009885 | 6.008685 |
| 0.011841 | 0.211745 | 0.0004 | 0.042517 | 0 | 0.000039 | 0.00106 | 0.009815 | 6.034937 |
| 0.013494 | 0.243638 | 0.001524 | 0.044558 | 0 | 0.000041 | 0.001121 | 0.010036 | 6.034937 |
| 0.017484 | 0.253024 | 0.003784 | 0.046628 | 0 | 0.000044 | 0.001139 | 0.00988 | 6.034937 |
| 0.018658 | 0.245065 | 0.001406 | 0.048438 | 0 | 0.000047 | 0.001118 | 0.009123 | 6.034937 |
| 0.026296 | 0.23634 | 0.001874 | 0.048677 | 0 | 0.00005 | 0.001135 | 0.008763 | 6.034937 |
| 0.018996 | 0.216117 | 0.000925 | 0.047878 | 0 | 0.000053 | 0.001103 | 0.008456 | 6.086103 |
| 0.019207 | 0.203742 | 0 | 0.048512 | 0 | 0.000054 | 0.001044 | 0.008333 | 6.086103 |
| 0.019699 | 0.199511 | 0 | 0.05129 | 0 | 0.000054 | 0.001063 | 0.008306 | 6.086103 |
| 0.016287 | 0.193554 | 0.000112 | 0.055001 | 0 | 0.000052 | 0.001212 | 0.008244 | 6.086103 |
| 0.015577 | 0.195377 | 0.004925 | 0.062273 | 0 | 0.00005 | 0.001436 | 0.0083 | 6.086103 |
| 0.047918 | 0.185893 | 0.011815 | 0.073719 | 0 | 0.000047 | 0.002357 | 0.008293 | 6.114047 |
| 0.036694 | 0.169564 | 0.040894 | 0.075227 | 0 | 0.000044 | 0.002433 | 0.00797 | 6.114047 |
| 0.006533 | 0.14868 | 0.007169 | 0.071942 | 0 | 0.000041 | 0.00041 | 0.007133 | 6.114047 |
| 0.016506 | 0.236092 | 0.000442 | 0.039442 | 0 | 0.00035 | 0.001039 | 0.015186 | 6.030312 |
| 0.014242 | 0.235308 | 0.000891 | 0.03667 | 0 | 0.00031 | 0.001071 | 0.013584 | 6.038811 |
| 0.020218 | 0.24001 | 0.019438 | 0.034715 | 0 | 0.000275 | 0.001297 | 0.012601 | 6.038811 |
| 0.023576 | 0.246893 | 0.027142 | 0.034392 | 0 | 0.000244 | 0.001565 | 0.012088 | 6.038811 |
| 0.014214 | 0.24622 | 0.005227 | 0.038716 | 0 | 0.000212 | 0.001426 | 0.011903 | 6.038811 |
| 0.021569 | 0.287013 | 0.045737 | 0.029817 | 0 | 0.000183 | 0.002063 | 0.011612 | 6.038811 |
| 0.017058 | 0.416016 | 0.001121 | 0.036698 | 0 | 0.000152 | 0.001076 | 0.011548 | 6.004776 |
| 1.670539 | 0.219468 | 0.000009 | 0.032334 | 0 | 0.000117 | 0.001083 | 0.011186 | 6.004776 |
| 0.018803 | 0.57311 | 0.000579 | 0.035113 | 0 | 0.000084 | 0.001222 | 0.011247 | 6.004776 |
| 0.018558 | 0.335247 | 0.006282 | 0.041497 | 0 | 0.000057 | 0.001326 | 0.011195 | 6.004776 |

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| 0.019296 | 0.306331 | 0.00091 | 0.059459 | 0 | 0.000034 | 0.001035 | 0.01427 | 6.004776 |
| 0.022567 | 0.346314 | 0.001002 | 0.084819 | 0 | 0.000011 | 0.001751 | 0.023222 | 6.014212 |
| 0.967854 | 0.247698 | 0.082067 | 0.070839 | 0 | 0.000006 | 0.100754 | 0.011859 | 6.014212 |
| 0.01707 | 0.364321 | 0.000839 | 0.065784 | 0 | 0.000008 | 0.000967 | 0.031825 | 6.014212 |
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| 0.017795 | 0.258165 | 0 | 0.037315 | 0 | 0.000011 | 0.00114 | 0.012986 | 6.014212 |
| 0.017645 | 0.245094 | 0.001495 | 0.032277 | 0 | 0.000013 | 0.001127 | 0.011476 | 6.028565 |
| 0.021632 | 0.237306 | 0.001949 | 0.031023 | 0 | 0.000015 | 0.001177 | 0.010735 | 6.028565 |
| 0.016562 | 0.225449 | 0.001704 | 0.031576 | 0 | 0.000017 | 0.00122 | 0.010308 | 6.028565 |
| 0.009403 | 0.223118 | 0 | 0.037167 | 0 | 0.000019 | 0.001034 | 0.01011 | 6.028565 |
| 0.010185 | 0.221869 | 0 | 0.041242 | 0 | 0.000021 | 0.00095 | 0.009988 | 6.028565 |
| 0.013105 | 0.221209 | 0 | 0.038043 | 0 | 0.000023 | 0.001005 | 0.009684 | 6.047779 |
| 0.011851 | 0.215584 | 0.002455 | 0.039897 | 0 | 0.000025 | 0.000864 | 0.009636 | 6.047779 |
| 0.013893 | 0.216452 | 0 | 0.047257 | 0 | 0.000028 | 0.000892 | 0.009919 | 6.047779 |
| 0.017863 | 0.213747 | 0.007198 | 0.048685 | 0 | 0.000031 | 0.001015 | 0.01049 | 6.047779 |
| 0.019697 | 0.214189 | 0.003472 | 0.048237 | 0 | 0.000035 | 0.001067 | 0.01081 | 6.047779 |
| 0.015384 | 0.216787 | 0.006372 | 0.050962 | 0 | 0.000038 | 0.001108 | 0.01069 | 6.008685 |
| 0.02554 | 0.225657 | 0.043035 | 0.045745 | 0 | 0.000041 | 0.001884 | 0.011295 | 6.008685 |
| 0.017707 | 0.219229 | 0.001272 | 0.051455 | 0 | 0.000044 | 0.001032 | 0.011764 | 6.008685 |
| 0.013529 | 0.216121 | 0.002315 | 0.044508 | 0 | 0.000046 | 0.001081 | 0.010893 | 6.008685 |
| 0.012972 | 0.215393 | 0.001433 | 0.043257 | 0 | 0.000047 | 0.00105 | 0.010202 | 6.008685 |
| 0.019136 | 0.227072 | 0.002192 | 0.044723 | 0 | 0.000048 | 0.001005 | 0.01012 | 6.034937 |
| 0.021916 | 0.208911 | 0.007976 | 0.046529 | 0 | 0.000051 | 0.007921 | 0.008902 | 6.034937 |
| 0.109587 | 0.2379 | 0.022722 | 0.047167 | 0 | 0.000055 | 0.00137 | 0.010035 | 6.034937 |
| 0.015955 | 0.246585 | 0.001894 | 0.054695 | 0 | 0.000059 | 0.001094 | 0.008975 | 6.034937 |
| 0.026817 | 0.224699 | 0.003518 | 0.053879 | 0 | 0.000063 | 0.000958 | 0.008666 | 6.034937 |
| 0.015052 | 0.213515 | 0.000397 | 0.052299 | 0 | 0.000065 | 0.000902 | 0.008482 | 6.086103 |
| 0.019502 | 0.208205 | 0 | 0.051057 | 0 | 0.000065 | 0.001022 | 0.008406 | 6.086103 |
| 0.019108 | 0.206693 | 0 | 0.053133 | 0 | 0.000064 | 0.001027 | 0.008492 | 6.086103 |
| 0.019502 | 0.204876 | 0.000012 | 0.057301 | 0 | 0.000061 | 0.001022 | 0.008587 | 6.086103 |
| 0.013757 | 0.181058 | 0.007444 | 0.063748 | 0 | 0.000057 | 0.001574 | 0.008627 | 6.086103 |
| 0.034983 | 0.196335 | 0.03077 | 0.072018 | 0 | 0.000052 | 0.00335 | 0.0085 | 6.114047 |
| 0.042002 | 0.171301 | 0.105185 | 0.066459 | 0 | 0.000049 | 0.005721 | 0.007771 | 6.114047 |
| 0.009697 | 0.153756 | 0.046734 | 0.072309 | 0 | 0.000047 | 0.000317 | 0.007657 | 6.114047 |
| 0.019536 | 0.247361 | 0.001045 | 0.043511 | 0 | 0.000314 | 0.000991 | 0.017895 | 6.030312 |
| 0.017511 | 0.248456 | 0.001673 | 0.038179 | 0 | 0.000278 | 0.001011 | 0.01522 | 6.038811 |
| 0.039077 | 0.251252 | 0.000866 | 0.037178 | 0 | 0.000247 | 0.00086 | 0.013708 | 6.038811 |
| 0.018387 | 0.263532 | 0 | 0.036851 | 0 | 0.000218 | 0.000959 | 0.012994 | 6.038811 |
| 0.007205 | 0.276497 | 0 | 0.036637 | 0 | 0.00019 | 0.001265 | 0.012517 | 6.038811 |
| 0.018009 | 0.29605 | 0.003624 | 0.036041 | 0 | 0.000162 | 0.003201 | 0.011955 | 6.038811 |
| 0.017876 | 0.367566 | 0.000131 | 0.033869 | 0 | 0.000134 | 0.001104 | 0.012038 | 6.004776 |
| 0.017852 | 0.448613 | 0.000579 | 0.033782 | 0 | 0.000102 | 0.001105 | 0.011626 | 6.004776 |
| 0.017622 | 0.351062 | 0.000028 | 0.035889 | 0 | 0.000072 | 0.001129 | 0.011744 | 6.004776 |
| 0.016323 | 0.304618 | 0.000057 | 0.039922 | 0 | 0.000047 | 0.001147 | 0.012441 | 6.004776 |
| 0.018023 | 0.298956 | 0.00591 | 0.045171 | 0 | 0.000025 | 0.001469 | 0.014238 | 6.004776 |
| 0.017452 | 0.32711 | 0.000518 | 0.051237 | 0 | 0.000007 | 0.00094 | 0.018788 | 6.014212 |
| 0.018901 | 0.32232 | 0.000186 | 0.048942 | 0 | 0.000007 | 0.001054 | 0.023727 | 6.014212 |
| 0.016768 | 0.285481 | 0.00062 | 0.040912 | 0 | 0.000009 | 0.001139 | 0.017324 | 6.014212 |
| 0.023293 | 0.258181 | 0.009041 | 0.035864 | 0 | 0.000011 | 0.001129 | 0.01382 | 6.014212 |
| 0.019699 | 0.251117 | 0 | 0.034872 | 0 | 0.000012 | 0.001076 | 0.012162 | 6.014212 |

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| 0.016934 | 0.246165 | 0.003638 | 0.031911 | 0 | 0.000014 | 0.001135 | 0.011222 | 6.028565 |
| 0.019445 | 0.243576 | 0.002973 | 0.031515 | 0 | 0.000016 | 0.001201 | 0.010676 | 6.028565 |
| 0.017533 | 0.234438 | 0 | 0.03228 | 0 | 0.000018 | 0.001439 | 0.010243 | 6.028565 |
| 0.021337 | 0.233228 | 0.011148 | 0.032315 | 0 | 0.00002 | 0.001219 | 0.010037 | 6.028565 |
| 0.01703 | 0.237814 | 0.000954 | 0.034927 | 0 | 0.000023 | 0.001441 | 0.009782 | 6.028565 |
| 0.016659 | 0.242124 | 0.00081 | 0.035988 | 0 | 0.000025 | 0.000985 | 0.009755 | 6.047779 |
| 0.012323 | 0.238091 | 0 | 0.043559 | 0 | 0.000028 | 0.001003 | 0.009763 | 6.047779 |
| 0.019319 | 0.241261 | 0.049573 | 0.043737 | 0 | 0.000031 | 0.001405 | 0.010096 | 6.047779 |
| 0.014745 | 0.251613 | 0 | 0.063265 | 0 | 0.000034 | 0.001121 | 0.011362 | 6.047779 |
| 0.019078 | 0.255965 | 0 | 0.067825 | 0 | 0.000039 | 0.001262 | 0.013649 | 6.047779 |
| 0.016795 | 0.259003 | 0.004918 | 0.069911 | 0 | 0.000043 | 0.001076 | 0.015746 | 6.008685 |
| 0.016865 | 0.257339 | 0.001471 | 0.063467 | 0 | 0.000048 | 0.00108 | 0.016662 | 6.008685 |
| 0.018059 | 0.23462 | 0.00035 | 0.052884 | 0 | 0.000053 | 0.001183 | 0.013977 | 6.008685 |
| 0.015448 | 0.224318 | 0.000131 | 0.04685 | 0 | 0.000057 | 0.00122 | 0.011674 | 6.008685 |
| 0.013556 | 0.220211 | 0.004436 | 0.04423 | 0 | 0.000059 | 0.001472 | 0.010379 | 6.008685 |
| 0.015807 | 0.224342 | 0.025103 | 0.041416 | 0 | 0.00006 | 0.001185 | 0.00994 | 6.034937 |
| 0.012597 | 0.2345 | 0.002318 | 0.048212 | 0 | 0.000064 | 0.000882 | 0.00987 | 6.034937 |
| 0.016991 | 0.244044 | 0.00913 | 0.050162 | 0 | 0.00007 | 0.001002 | 0.00917 | 6.034937 |
| 0.018887 | 0.235519 | 0.03309 | 0.052712 | 0 | 0.000076 | 0.001105 | 0.008915 | 6.034937 |
| 0.019845 | 0.220556 | 0.039686 | 0.05505 | 0 | 0.00008 | 0.001633 | 0.008748 | 6.034937 |
| 0.017332 | 0.219888 | 0.001464 | 0.058936 | 0 | 0.00008 | 0.001104 | 0.008776 | 6.086103 |
| 0.01654 | 0.223953 | 0.001652 | 0.055384 | 0 | 0.000078 | 0.001107 | 0.008774 | 6.086103 |
| 0.018086 | 0.218216 | 0.000262 | 0.05847 | 0 | 0.000075 | 0.001023 | 0.008995 | 6.086103 |
| 0.011473 | 0.216133 | 0.004622 | 0.062755 | 0 | 0.00007 | 0.001256 | 0.009179 | 6.086103 |
| 0.017026 | 0.205701 | 0.001832 | 0.07047 | 0 | 0.000064 | 0.001252 | 0.009366 | 6.086103 |
| 0.018565 | 0.189857 | 0.00454 | 0.076911 | 0 | 0.00006 | 0.001277 | 0.009366 | 6.114047 |
| 0.024469 | 0.178429 | 0.007098 | 0.080774 | 0 | 0.000057 | 0.001876 | 0.008866 | 6.114047 |
| 0.006846 | 0.161808 | 0.029006 | 0.071719 | 0 | 0.000054 | 0.000195 | 0.008079 | 6.114047 |
| 0.018518 | 0.260178 | 0 | 0.047984 | 0 | 0.00028 | 0.00797 | 0.018938 | 6.030312 |
| 0.018748 | 0.260135 | 0 | 0.03691 | 0 | 0.000249 | 0.001033 | 0.018469 | 6.038811 |
| 0.011658 | 0.268225 | 0.000735 | 0.036478 | 0 | 0.00022 | 0.001765 | 0.016086 | 6.038811 |
| 0.016759 | 0.271603 | 0.003046 | 0.03744 | 0 | 0.000193 | 0.001236 | 0.014486 | 6.038811 |
| 0.01218 | 0.280954 | 0.002603 | 0.036892 | 0 | 0.000168 | 0.001401 | 0.013703 | 6.038811 |
| 0.010222 | 0.293752 | 0.001159 | 0.035828 | 0 | 0.000142 | 0.001872 | 0.013217 | 6.038811 |
| 0.017348 | 0.319472 | 0.000579 | 0.035913 | 0 | 0.000118 | 0.000969 | 0.012975 | 6.004776 |
| 0.016659 | 0.311304 | 0.001795 | 0.037107 | 0 | 0.000088 | 0.001177 | 0.01277 | 6.004776 |
| 0.015831 | 0.304729 | 0 | 0.038631 | 0 | 0.00006 | 0.001247 | 0.012833 | 6.004776 |
| 0.017474 | 0.300421 | 0.001309 | 0.039954 | 0 | 0.000038 | 0.001229 | 0.013198 | 6.004776 |
| 0.021354 | 0.303943 | 0.0039 | 0.041492 | 0 | 0.000017 | 0.001457 | 0.014026 | 6.004776 |
| 0.018789 | 0.310618 | 0.000144 | 0.041417 | 0 | 0.000008 | 0.000984 | 0.015366 | 6.014212 |
| 0.014643 | 0.288646 | 0.002966 | 0.037107 | 0 | 0.000009 | 0.001713 | 0.014842 | 6.014212 |
| 0.00819 | 0.274391 | 0.001989 | 0.0346 | 0 | 0.00001 | 0.001914 | 0.013873 | 6.014212 |
| 0.018124 | 0.259558 | 0 | 0.033076 | 0 | 0.000012 | 0.001315 | 0.012339 | 6.014212 |
| 0.016352 | 0.251104 | 0.000476 | 0.032109 | 0 | 0.000014 | 0.001087 | 0.011466 | 6.014212 |
| 0.01553 | 0.248053 | 0.004767 | 0.031296 | 0 | 0.000016 | 0.001138 | 0.010954 | 6.028565 |
| 0.019184 | 0.248674 | 0.000476 | 0.032144 | 0 | 0.000018 | 0.001209 | 0.010598 | 6.028565 |
| 0.017052 | 0.241827 | 0 | 0.032267 | 0 | 0.00002 | 0.000996 | 0.010284 | 6.028565 |
| 0.012087 | 0.245549 | 0.002191 | 0.034739 | 0 | 0.000022 | 0.000823 | 0.010066 | 6.028565 |
| 0.01387 | 0.255999 | 0 | 0.037534 | 0 | 0.000025 | 0.001056 | 0.00989 | 6.028565 |
| 0.015938 | 0.269268 | 0.004872 | 0.040096 | 0 | 0.000027 | 0.001208 | 0.009787 | 6.047779 |

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|----------|----------|----------|----------|---|----------|----------|----------|----------|
| 0.017278 | 0.26581 | 0.017381 | 0.042872 | 0 | 0.00003 | 0.00119 | 0.009875 | 6.047779 |
| 0.014243 | 0.269722 | 0.005672 | 0.054827 | 0 | 0.000034 | 0.000992 | 0.010352 | 6.047779 |
| 0.12555 | 0.258429 | 0.065011 | 0.056583 | 0 | 0.000038 | 0.001819 | 0.011172 | 6.047779 |
| 0.049362 | 0.287076 | 0.10333 | 0.070693 | 0 | 0.000043 | 0.003687 | 0.016899 | 6.047779 |
| 0.071641 | 0.288198 | 0.081726 | 0.080577 | 0 | 0.000048 | 0.029224 | 0.018478 | 6.008685 |
| 0.023377 | 0.290265 | 0.000307 | 0.078371 | 0 | 0.000055 | 0.001089 | 0.024422 | 6.008685 |
| 0.027119 | 0.247433 | 0.013886 | 0.054943 | 0 | 0.000063 | 0.002089 | 0.014777 | 6.008685 |
| 0.016111 | 0.234217 | 0.000732 | 0.049037 | 0 | 0.000072 | 0.001082 | 0.011168 | 6.008685 |
| 0.012908 | 0.227336 | 0 | 0.044721 | 0 | 0.000077 | 0.000954 | 0.010271 | 6.008685 |
| 0.019022 | 0.220816 | 0 | 0.044241 | 0 | 0.00008 | 0.000926 | 0.009592 | 6.034937 |
| 0.010565 | 0.225347 | 0.001767 | 0.044794 | 0 | 0.000087 | 0.000868 | 0.00918 | 6.034937 |
| 0.053211 | 0.203686 | 0.005242 | 0.049522 | 0 | 0.000096 | 0.001087 | 0.008914 | 6.034937 |
| 0.017037 | 0.233392 | 0.00419 | 0.061591 | 0 | 0.000101 | 0.001028 | 0.008964 | 6.034937 |
| 0.01926 | 0.228298 | 0.011282 | 0.072112 | 0 | 0.0001 | 0.001766 | 0.00897 | 6.034937 |
| 0.014812 | 0.246942 | 0.001878 | 0.074785 | 0 | 0.000096 | 0.00117 | 0.009148 | 6.086103 |
| 0.013346 | 0.261993 | 0.003929 | 0.068129 | 0 | 0.000092 | 0.001364 | 0.009177 | 6.086103 |
| 0.016523 | 0.247802 | 0.004702 | 0.065867 | 0 | 0.000087 | 0.000996 | 0.009405 | 6.086103 |
| 0.018739 | 0.238753 | 0.001352 | 0.072909 | 0 | 0.000081 | 0.001035 | 0.009872 | 6.086103 |
| 0.019976 | 0.215469 | 0.001037 | 0.084936 | 0 | 0.000075 | 0.001444 | 0.010371 | 6.086103 |
| 0.01747 | 0.208391 | 0.000396 | 0.098464 | 0 | 0.00007 | 0.001508 | 0.010611 | 6.114047 |
| 0.01694 | 0.204374 | 0.006995 | 0.109696 | 0 | 0.000068 | 0.001913 | 0.010847 | 6.114047 |
| 0.014309 | 0.183151 | 0.021638 | 0.101164 | 0 | 0.000066 | 0.000824 | 0.010313 | 6.114047 |
| 0.017497 | 0.274604 | 0.001773 | 0.036228 | 0 | 0.00022 | 0.013909 | 0.01688 | 6.038811 |
| 0.019089 | 0.27831 | 0.009089 | 0.036845 | 0 | 0.000195 | 0.001375 | 0.018667 | 6.038811 |
| 0.023024 | 0.281239 | 0.019184 | 0.03788 | 0 | 0.000171 | 0.001255 | 0.016012 | 6.038811 |
| 0.015219 | 0.29115 | 0.001191 | 0.041371 | 0 | 0.000147 | 0.001345 | 0.01457 | 6.038811 |
| 0.009041 | 0.303096 | 0 | 0.040092 | 0 | 0.000124 | 0.001149 | 0.013854 | 6.038811 |
| 0.011661 | 0.319295 | 0.008611 | 0.040107 | 0 | 0.000103 | 0.001663 | 0.013342 | 6.004776 |
| 0.009576 | 0.321172 | 0.001882 | 0.045643 | 0 | 0.000076 | 0.00119 | 0.013444 | 6.004776 |
| 0.008866 | 0.326163 | 0.001973 | 0.047839 | 0 | 0.00005 | 0.001539 | 0.013351 | 6.004776 |
| 0.01554 | 0.314774 | 0.000131 | 0.046164 | 0 | 0.000029 | 0.001007 | 0.013445 | 6.004776 |
| 0.012065 | 0.313587 | 0.002634 | 0.042427 | 0 | 0.00001 | 0.001555 | 0.013707 | 6.004776 |
| 0.018563 | 0.308355 | 0.000367 | 0.039424 | 0 | 0.000009 | 0.000997 | 0.013951 | 6.014212 |
| 0.01333 | 0.288817 | 0.001518 | 0.035633 | 0 | 0.00001 | 0.001503 | 0.013115 | 6.014212 |
| 0.012119 | 0.274234 | 0 | 0.034076 | 0 | 0.000011 | 0.001649 | 0.012636 | 6.014212 |
| 0.017404 | 0.261006 | 0 | 0.032305 | 0 | 0.000013 | 0.001003 | 0.011168 | 6.014212 |
| 0.018092 | 0.257481 | 0 | 0.031913 | 0 | 0.000015 | 0.000948 | 0.011115 | 6.014212 |
| 0.016813 | 0.255753 | 0.001855 | 0.031617 | 0 | 0.000017 | 0.001218 | 0.01079 | 6.028565 |
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| 0.015774 | 0.263478 | 0.004687 | 0.035836 | 0 | 0.000024 | 0.001315 | 0.009977 | 6.028565 |
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| 0.031268 | 0.313083 | 0.00081 | 0.047596 | 0 | 0.000033 | 0.001353 | 0.010029 | 6.047779 |
| 0.019141 | 0.300197 | 0 | 0.050583 | 0 | 0.000037 | 0.001009 | 0.010502 | 6.047779 |
| 0.01717 | 0.310316 | 0.002183 | 0.06355 | 0 | 0.000042 | 0.001023 | 0.012106 | 6.047779 |
| 0.038673 | 0.317504 | 0.049501 | 0.073308 | 0 | 0.000048 | 0.003932 | 0.01755 | 6.047779 |
| 0.141089 | 0.299665 | 0.104881 | 0.070727 | 0 | 0.000055 | 0.056952 | 0.013093 | 6.008685 |
| 0.018654 | 0.305917 | 0.029292 | 0.073763 | 0 | 0.000064 | 0.001969 | 0.022535 | 6.008685 |
| 0.012037 | 0.255766 | 0.005042 | 0.059097 | 0 | 0.000075 | 0.001587 | 0.013314 | 6.008685 |

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| 0.051865 | 0.230051 | 0 | 0.049211 | 0 | 0.000091 | 0.001065 | 0.010887 | 6.008685 |
| 0.016646 | 0.228175 | 0.001261 | 0.045283 | 0 | 0.000108 | 0.001108 | 0.009904 | 6.008685 |
| 0.017135 | 0.216425 | 0.000262 | 0.044894 | 0 | 0.000117 | 0.001026 | 0.009404 | 6.034937 |
| 0.015696 | 0.215575 | 0.002988 | 0.045398 | 0 | 0.000132 | 0.001095 | 0.009075 | 6.034937 |
| 0.016417 | 0.215656 | 0.001252 | 0.050518 | 0 | 0.000139 | 0.001326 | 0.008834 | 6.034937 |
| 0.016593 | 0.217425 | 0.02047 | 0.062046 | 0 | 0.000131 | 0.00127 | 0.008929 | 6.034937 |
| 0.021134 | 0.22113 | 0.109193 | 0.068605 | 0 | 0.000122 | 0.001723 | 0.009268 | 6.034937 |
| 0.110459 | 0.26519 | 0.077994 | 0.087627 | 0 | 0.000114 | 0.002543 | 0.009622 | 6.086103 |
| 0.015922 | 0.298695 | 0.005598 | 0.08502 | 0 | 0.000107 | 0.001044 | 0.009999 | 6.086103 |
| 0.153063 | 0.243719 | 0.004818 | 0.069438 | 0 | 0.000101 | 0.000996 | 0.009672 | 6.086103 |
| 0.013138 | 0.256905 | 0.010573 | 0.077177 | 0 | 0.000096 | 0.001395 | 0.010427 | 6.086103 |
| 0.028506 | 0.224437 | 0.032998 | 0.108095 | 0 | 0.000091 | 0.002074 | 0.012153 | 6.086103 |
| 0.023771 | 0.252549 | 0.038483 | 0.166099 | 0 | 0.000088 | 0.002447 | 0.014081 | 6.114047 |
| 0.078512 | 0.253358 | 0.193839 | 0.155331 | 0 | 0.000087 | 0.009354 | 0.014041 | 6.114047 |
| 0.015019 | 0.211102 | 0.046564 | 0.148768 | 0 | 0.000086 | 0.001426 | 0.013681 | 6.114047 |
| 0.019108 | 0.289244 | 0 | 0.038691 | 0 | 0.000172 | 0.00883 | 0.018012 | 6.036251 |
| 0.015003 | 0.29311 | 0.002602 | 0.043451 | 0 | 0.00015 | 0.001381 | 0.018395 | 6.036251 |
| 0.016216 | 0.307515 | 0.001789 | 0.051534 | 0 | 0.000129 | 0.001312 | 0.015938 | 6.036251 |
| 0.006471 | 0.330716 | 0.000797 | 0.058015 | 0 | 0.000109 | 0.000923 | 0.015214 | 6.036251 |
| 0.005402 | 0.352448 | 0 | 0.060038 | 0 | 0.000089 | 0.000946 | 0.01465 | 6.011354 |
| 0.146105 | 0.327596 | 0.019381 | 0.055714 | 0 | 0.000064 | 0.001919 | 0.014077 | 6.011354 |
| 0.025512 | 0.353468 | 0.056914 | 0.0459 | 0 | 0.000041 | 0.002461 | 0.013807 | 6.011354 |
| 0.013199 | 0.336162 | 0.00071 | 0.05179 | 0 | 0.000021 | 0.001381 | 0.014242 | 6.011354 |
| 0.013454 | 0.328514 | 0.012362 | 0.041719 | 0 | 0.000011 | 0.001474 | 0.014285 | 6.011354 |
| 0.018944 | 0.319037 | 0.000114 | 0.040227 | 0 | 0.00001 | 0.001084 | 0.013449 | 6.029633 |
| 0.01504 | 0.296114 | 0 | 0.036756 | 0 | 0.000011 | 0.000899 | 0.012701 | 6.029633 |
| 0.018604 | 0.281931 | 0.008912 | 0.034384 | 0 | 0.000013 | 0.001324 | 0.012232 | 6.029633 |
| 0.018388 | 0.27405 | 0.000792 | 0.034857 | 0 | 0.000015 | 0.001079 | 0.011372 | 6.029633 |
| 0.016822 | 0.271496 | 0.004501 | 0.032574 | 0 | 0.000016 | 0.001544 | 0.010923 | 6.029633 |
| 0.013893 | 0.262907 | 0.001299 | 0.032885 | 0 | 0.000019 | 0.001501 | 0.010675 | 6.052344 |
| 0.018126 | 0.270985 | 0.002262 | 0.032685 | 0 | 0.000021 | 0.001129 | 0.010426 | 6.052344 |
| 0.01872 | 0.28439 | 0.001918 | 0.033412 | 0 | 0.000023 | 0.001172 | 0.010125 | 6.052344 |
| 0.014486 | 0.300769 | 0.000969 | 0.037535 | 0 | 0.000026 | 0.001046 | 0.010069 | 6.052344 |
| 0.079375 | 0.328515 | 0.02053 | 0.040039 | 0 | 0.000029 | 0.001278 | 0.010043 | 6.052344 |
| 0.049746 | 0.376013 | 0.037716 | 0.041113 | 0 | 0.000032 | 0.001498 | 0.010116 | 6.079271 |
| 0.016275 | 0.39128 | 0.001031 | 0.049159 | 0 | 0.000036 | 0.00106 | 0.010461 | 6.079271 |
| 0.018515 | 0.366639 | 0.002469 | 0.049208 | 0 | 0.000041 | 0.001091 | 0.010991 | 6.079271 |
| 0.012214 | 0.398543 | 0.003268 | 0.057965 | 0 | 0.000046 | 0.001666 | 0.012064 | 6.079271 |
| 0.017286 | 0.389027 | 0.024134 | 0.066671 | 0 | 0.000053 | 0.001383 | 0.014913 | 6.079271 |
| 0.017763 | 0.341628 | 0 | 0.07472 | 0 | 0.000062 | 0.00103 | 0.017522 | 6.047097 |
| 0.03679 | 0.285343 | 0.038597 | 0.056561 | 0 | 0.000074 | 0.001807 | 0.013448 | 6.047097 |
| 0.016195 | 0.253062 | 0.002193 | 0.057887 | 0 | 0.000091 | 0.001138 | 0.011413 | 6.047097 |
| 0.014794 | 0.233851 | 0.018922 | 0.046757 | 0 | 0.000117 | 0.00219 | 0.009976 | 6.047097 |
| 0.017588 | 0.223482 | 0.004699 | 0.048062 | 0 | 0.000166 | 0.001258 | 0.009672 | 6.047097 |
| 0.021203 | 0.213761 | 0.021733 | 0.044311 | 0 | 0.00024 | 0.002244 | 0.009107 | 6.079347 |
| 0.015441 | 0.208248 | 0.001991 | 0.049669 | 0 | 0.000252 | 0.001072 | 0.009194 | 6.079347 |
| 0.014653 | 0.203625 | 0.013872 | 0.049342 | 0 | 0.000196 | 0.00141 | 0.008838 | 6.079347 |
| 0.008807 | 0.211813 | 0.004438 | 0.062455 | 0 | 0.000168 | 0.000942 | 0.008965 | 6.079347 |
| 0.025455 | 0.241387 | 0.033418 | 0.078017 | 0 | 0.000146 | 0.002029 | 0.009258 | 6.079347 |
| 0.257824 | 0.204008 | 0.169118 | 0.061637 | 0 | 0.000132 | 0.006838 | 0.008888 | 6.135681 |

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| 0.020103 | 0.276795 | 0.008171 | 0.083859 | 0 | 0.000122 | 0.001291 | 0.010022 | 6.135681 |
| 0.017815 | 0.23091 | 0.007335 | 0.06535 | 0 | 0.000117 | 0.001444 | 0.009583 | 6.135681 |
| 0.015782 | 0.235708 | 0.005078 | 0.07848 | 0 | 0.000117 | 0.001017 | 0.010855 | 6.135681 |
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| 0.207739 | 0.292923 | 0.441573 | 0.159834 | 0 | 0.000125 | 0.014581 | 0.018182 | 6.167513 |
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| 0.041242 | 0.330188 | 0.062044 | 0.062154 | 0 | 0.000113 | 0.003195 | 0.018133 | 6.036251 |
| 0.035636 | 0.382591 | 0.070662 | 0.073165 | 0 | 0.000095 | 0.002993 | 0.016607 | 6.036251 |
| 0.043593 | 0.428085 | 0.066211 | 0.065022 | 0 | 0.000076 | 0.003849 | 0.015152 | 6.011354 |
| 0.009016 | 0.42294 | 0.009625 | 0.061181 | 0 | 0.000053 | 0.001341 | 0.014642 | 6.011354 |
| 0.012676 | 0.389197 | 0.003792 | 0.049624 | 0 | 0.000032 | 0.002032 | 0.014079 | 6.011354 |
| 0.020982 | 0.364627 | 0.003418 | 0.045181 | 0 | 0.000014 | 0.007136 | 0.013332 | 6.011354 |
| 0.018379 | 0.35841 | 0.020577 | 0.042858 | 0 | 0.000012 | 0.002032 | 0.014475 | 6.011354 |
| 0.013841 | 0.346346 | 0.000899 | 0.043223 | 0 | 0.000011 | 0.001026 | 0.013365 | 6.029633 |
| 0.010911 | 0.308925 | 0 | 0.03979 | 0 | 0.000012 | 0.001184 | 0.01264 | 6.029633 |
| 0.02195 | 0.291676 | 0.015029 | 0.036917 | 0 | 0.000014 | 0.001523 | 0.012251 | 6.029633 |
| 0.123429 | 0.261612 | 0 | 0.039121 | 0 | 0.000016 | 0.000947 | 0.011448 | 6.029633 |
| 0.018685 | 0.278371 | 0.001588 | 0.036861 | 0 | 0.000018 | 0.000995 | 0.011096 | 6.029633 |
| 0.012811 | 0.265357 | 0.002262 | 0.035573 | 0 | 0.000021 | 0.000884 | 0.010773 | 6.052344 |
| 0.018256 | 0.279185 | 0 | 0.035369 | 0 | 0.000023 | 0.000972 | 0.010493 | 6.052344 |
| 0.019505 | 0.337564 | 0.000885 | 0.035507 | 0 | 0.000025 | 0.001027 | 0.010302 | 6.052344 |
| 0.018915 | 0.449244 | 0.001525 | 0.039066 | 0 | 0.000028 | 0.000976 | 0.010236 | 6.052344 |
| 0.014971 | 0.490085 | 0.001023 | 0.041995 | 0 | 0.000031 | 0.001382 | 0.010214 | 6.052344 |
| 0.016887 | 0.422844 | 0.000393 | 0.043945 | 0 | 0.000035 | 0.001278 | 0.010347 | 6.079271 |
| 0.021337 | 0.51342 | 0.025603 | 0.040819 | 0 | 0.000039 | 0.002398 | 0.010333 | 6.079271 |
| 0.056205 | 0.707906 | 0.01917 | 0.046457 | 0 | 0.000045 | 0.00285 | 0.010625 | 6.079271 |
| 0.017194 | 0.724615 | 0.015668 | 0.053762 | 0 | 0.000051 | 0.001883 | 0.011312 | 6.079271 |
| 0.025308 | 0.448974 | 0.074198 | 0.049706 | 0 | 0.00006 | 0.002135 | 0.011892 | 6.079271 |
| 0.026037 | 0.338335 | 0.018048 | 0.059388 | 0 | 0.000071 | 0.001741 | 0.011538 | 6.047097 |
| 0.014915 | 0.289862 | 0.002273 | 0.053363 | 0 | 0.000087 | 0.001259 | 0.010873 | 6.047097 |
| 0.01923 | 0.247019 | 0.023809 | 0.046018 | 0 | 0.000112 | 0.00184 | 0.010062 | 6.047097 |
| 0.011447 | 0.234601 | 0.005095 | 0.050677 | 0 | 0.000161 | 0.001425 | 0.009567 | 6.047097 |
| 0.022429 | 0.221496 | 0.001399 | 0.048979 | 0 | 0.000277 | 0.000952 | 0.009373 | 6.047097 |
| 0.019684 | 0.212179 | 0.019493 | 0.04553 | 0.000607 | 0.000266 | 0.001693 | 0.009103 | 6.079347 |
| 0.011381 | 0.204277 | 0.003793 | 0.049257 | 0.000001 | 0.00039 | 0.00143 | 0.009095 | 6.079347 |
| 0.017628 | 0.198055 | 0.010416 | 0.04903 | 0 | 0.000278 | 0.001178 | 0.009025 | 6.079347 |
| 0.008747 | 0.202516 | 0.001207 | 0.055615 | 0 | 0.000204 | 0.000748 | 0.009098 | 6.079347 |
| 0.017053 | 0.221768 | 0.001954 | 0.063585 | 0 | 0.000169 | 0.001565 | 0.00914 | 6.079347 |
| 0.019183 | 0.233025 | 0.002163 | 0.068058 | 0 | 0.00015 | 0.001285 | 0.009506 | 6.135681 |
| 0.019631 | 0.226028 | 0.001731 | 0.061041 | 0 | 0.00014 | 0.001027 | 0.009378 | 6.135681 |
| 0.018947 | 0.216962 | 0.001449 | 0.064051 | 0 | 0.00014 | 0.001019 | 0.009666 | 6.135681 |
| 0.016706 | 0.217708 | 0.000131 | 0.080604 | 0 | 0.000151 | 0.000893 | 0.011012 | 6.135681 |
| 0.015087 | 0.250489 | 0.003185 | 0.141314 | 0 | 0.000187 | 0.00119 | 0.016756 | 6.135681 |
| 0.72016 | 0.203388 | 0.318848 | 0.174461 | 0.000015 | 0.000234 | 0.040103 | 0.017519 | 6.167513 |
| 0.162937 | 0.282756 | 0.364287 | 0.188001 | 0.000116 | 0.000201 | 0.019262 | 0.02378 | 6.167513 |
| 0.000976 | 0.217444 | 0.002008 | 0.176573 | 0 | 0.000147 | 0.000024 | 0.016938 | 6.167513 |
| 0.026844 | 0.33266 | 0.0457 | 0.05255 | 0 | 0.000115 | 0.016533 | 0.017383 | 6.036251 |
| 0.046103 | 0.359487 | 0.081345 | 0.065699 | 0 | 0.000098 | 0.003801 | 0.020222 | 6.036251 |

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| 0.207627 | 0.378776 | 0.090372 | 0.065852 | 0 | 0.000082 | 0.00458 | 0.0169 | 6.036251 |
| 0.260947 | 0.461847 | 0.002032 | 0.06754 | 0 | 0.000065 | 0.00068 | 0.016237 | 6.011354 |
| 0.004585 | 0.563278 | 0 | 0.048549 | 0 | 0.000045 | 0.000932 | 0.014666 | 6.011354 |
| 0.006537 | 0.507722 | 0.002337 | 0.042261 | 0 | 0.000024 | 0.000737 | 0.014208 | 6.011354 |
| 0.013267 | 0.421903 | 0.003121 | 0.043027 | 0 | 0.000013 | 0.001227 | 0.014271 | 6.011354 |
| 0.029085 | 0.404969 | 0.04163 | 0.037791 | 0 | 0.000013 | 0.002076 | 0.013919 | 6.011354 |
| 0.009636 | 0.377605 | 0 | 0.044026 | 0 | 0.000012 | 0.001208 | 0.013447 | 6.029633 |
| 0.017011 | 0.316704 | 0 | 0.043833 | 0 | 0.000014 | 0.00103 | 0.012917 | 6.029633 |
| 0.020403 | 0.295134 | 0.001483 | 0.052224 | 0 | 0.000015 | 0.001408 | 0.012611 | 6.029633 |
| 0.021989 | 0.279018 | 0.002361 | 0.053542 | 0 | 0.000018 | 0.001353 | 0.011675 | 6.029633 |
| 0.014115 | 0.266413 | 0.000395 | 0.048099 | 0 | 0.00002 | 0.000959 | 0.011246 | 6.029633 |
| 0.012222 | 0.264291 | 0.004523 | 0.04081 | 0 | 0.000022 | 0.001169 | 0.010757 | 6.052344 |
| 0.009132 | 0.284909 | 0.000377 | 0.038123 | 0 | 0.000025 | 0.001601 | 0.010443 | 6.052344 |
| 0.017074 | 0.378807 | 0 | 0.037877 | 0 | 0.000028 | 0.001033 | 0.010456 | 6.052344 |
| 1.139263 | 0.26493 | 0.024261 | 0.036192 | 0 | 0.000031 | 0.00139 | 0.010393 | 6.052344 |
| 0.051429 | 0.531948 | 0.00323 | 0.041238 | 0 | 0.000034 | 0.001079 | 0.010471 | 6.052344 |
| 0.017702 | 0.413862 | 0.001653 | 0.040077 | 0 | 0.000038 | 0.001335 | 0.010239 | 6.079271 |
| 0.019468 | 0.597021 | 0.001294 | 0.04213 | 0 | 0.000043 | 0.001173 | 0.010314 | 6.079271 |
| 2.815448 | 0.269463 | 0 | 0.04405 | 0 | 0.00005 | 0.001019 | 0.010397 | 6.079271 |
| 0.019853 | 0.846723 | 0.001709 | 0.047506 | 0 | 0.000058 | 0.001071 | 0.010509 | 6.079271 |
| 0.017413 | 0.410569 | 0.008017 | 0.050508 | 0 | 0.000068 | 0.001027 | 0.01059 | 6.079271 |
| 0.015622 | 0.31417 | 0.004965 | 0.047741 | 0 | 0.000083 | 0.001281 | 0.010042 | 6.047097 |
| 0.018321 | 0.271062 | 0 | 0.044931 | 0 | 0.000105 | 0.000944 | 0.009721 | 6.047097 |
| 0.017711 | 0.24017 | 0.000504 | 0.046496 | 0 | 0.000148 | 0.000904 | 0.009473 | 6.047097 |
| 0.020926 | 0.223128 | 0.038545 | 0.040688 | 0 | 0.000246 | 0.001432 | 0.008969 | 6.047097 |
| 0.016577 | 0.21974 | 0.001803 | 0.048426 | 0.000454 | 0.000279 | 0.001123 | 0.00903 | 6.047097 |
| 0.020117 | 0.208676 | 0.008492 | 0.04443 | 0.000051 | 0.000451 | 0.001509 | 0.009065 | 6.079347 |
| 0.009462 | 0.202654 | 0 | 0.047247 | 0.000471 | 0.000307 | 0.000993 | 0.009317 | 6.079347 |
| 0.014265 | 0.200059 | 0.004794 | 0.048645 | 0 | 0.000357 | 0.001666 | 0.009155 | 6.079347 |
| 0.007609 | 0.203735 | 0.000369 | 0.052573 | 0 | 0.000238 | 0.00104 | 0.009374 | 6.079347 |
| 0.010637 | 0.211068 | 0.000543 | 0.052229 | 0 | 0.000193 | 0.000831 | 0.009435 | 6.079347 |
| 0.013929 | 0.214097 | 0.003569 | 0.056399 | 0 | 0.00017 | 0.001379 | 0.009365 | 6.135681 |
| 0.012903 | 0.215846 | 0.006765 | 0.056795 | 0 | 0.000164 | 0.001252 | 0.009615 | 6.135681 |
| 0.018775 | 0.2102 | 0.001402 | 0.06334 | 0 | 0.000177 | 0.001 | 0.009977 | 6.135681 |
| 0.026174 | 0.197673 | 0.016973 | 0.07389 | 0 | 0.000228 | 0.001884 | 0.010866 | 6.135681 |
| 0.01687 | 0.226189 | 0.002217 | 0.108927 | 0.000133 | 0.000282 | 0.000998 | 0.01561 | 6.135681 |
| 0.025338 | 0.239361 | 0.007967 | 0.162242 | 0.00051 | 0.000221 | 0.031705 | 0.015605 | 6.167513 |
| 0.165157 | 0.188193 | 0.319303 | 0.114165 | 0 | 0.000246 | 0.015171 | 0.018087 | 6.167513 |
| 0 | 0.168444 | 0 | 0.132891 | 0 | 0.000122 | 0.000011 | 0.012775 | 6.167513 |
| 0.010446 | 0.377192 | 0 | 0.061285 | 0 | 0.000089 | 0.000994 | 0.020983 | 6.036251 |
| 0.011825 | 0.417473 | 0.003275 | 0.057006 | 0 | 0.000075 | 0.00094 | 0.018861 | 6.036251 |
| 0.007113 | 0.569859 | 0.001214 | 0.049689 | 0 | 0.00006 | 0.000913 | 0.01656 | 6.011354 |
| 0.832928 | 0.472856 | 0 | 0.046555 | 0 | 0.000041 | 0.000706 | 0.015353 | 6.011354 |
| 0.011937 | 0.653925 | 0.000532 | 0.044297 | 0 | 0.000021 | 0.00095 | 0.014507 | 6.011354 |
| 0.009223 | 0.541635 | 0.000445 | 0.04348 | 0 | 0.000017 | 0.001011 | 0.014345 | 6.011354 |
| 0.014118 | 0.420795 | 0.001469 | 0.043039 | 0 | 0.000017 | 0.002939 | 0.014003 | 6.011354 |
| 0.004655 | 0.386963 | 0 | 0.041211 | 0 | 0.000014 | 0.001161 | 0.013874 | 6.029633 |
| 0.014686 | 0.317429 | 0.00205 | 0.051202 | 0 | 0.000015 | 0.001026 | 0.013307 | 6.029633 |
| 0.034448 | 0.289741 | 0.104624 | 0.047226 | 0 | 0.000017 | 0.002916 | 0.012593 | 6.029633 |
| 0.026112 | 0.270686 | 0.06209 | 0.058818 | 0 | 0.000019 | 0.002046 | 0.011737 | 6.029633 |

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| 0.017189 | 0.265598 | 0.016931 | 0.051726 | 0 | 0.000021 | 0.001293 | 0.011249 | 6.029633 |
| 0.01564 | 0.272284 | 0.009594 | 0.041615 | 0 | 0.000024 | 0.001134 | 0.010841 | 6.052344 |
| 0.021234 | 0.296215 | 0.003778 | 0.038377 | 0 | 0.000027 | 0.00116 | 0.010613 | 6.052344 |
| 0.01586 | 0.350143 | 0.003574 | 0.037286 | 0 | 0.00003 | 0.001238 | 0.010505 | 6.052344 |
| 0.020268 | 0.424108 | 0.008647 | 0.038224 | 0 | 0.000033 | 0.002434 | 0.010319 | 6.052344 |
| 0.018157 | 0.391748 | 0.000893 | 0.040466 | 0 | 0.000037 | 0.000998 | 0.010569 | 6.052344 |
| 0.019812 | 0.411653 | 0.000905 | 0.04295 | 0 | 0.000042 | 0.001004 | 0.010357 | 6.079271 |
| 0.021786 | 0.512394 | 0.007727 | 0.04231 | 0 | 0.000048 | 0.001163 | 0.010232 | 6.079271 |
| 0.01972 | 0.663985 | 0.000381 | 0.042304 | 0 | 0.000056 | 0.001006 | 0.010115 | 6.079271 |
| 0.019964 | 0.47645 | 0.000911 | 0.041967 | 0 | 0.000066 | 0.001011 | 0.010068 | 6.079271 |
| 0.020652 | 0.347442 | 0.015874 | 0.040418 | 0 | 0.00008 | 0.001156 | 0.009825 | 6.079271 |
| 0.019568 | 0.295147 | 0.001998 | 0.043036 | 0 | 0.000099 | 0.001026 | 0.0095 | 6.047097 |
| 0.018157 | 0.267046 | 0 | 0.041566 | 0 | 0.000134 | 0.00092 | 0.009259 | 6.047097 |
| 0.017251 | 0.23867 | 0.006962 | 0.04192 | 0 | 0.00021 | 0.000955 | 0.009121 | 6.047097 |
| 0.018885 | 0.225237 | 0.005621 | 0.043224 | 0.000269 | 0.000282 | 0.000976 | 0.008892 | 6.047097 |
| 0.018817 | 0.215024 | 0.000011 | 0.042771 | 0.000236 | 0.000368 | 0.000939 | 0.009014 | 6.047097 |
| 0.015847 | 0.209391 | 0.004178 | 0.043173 | 0 | 0.000365 | 0.00244 | 0.008989 | 6.079347 |
| 0.013911 | 0.205923 | 0.002412 | 0.046581 | 0.000372 | 0.0003 | 0.001519 | 0.009447 | 6.079347 |
| 0.028869 | 0.202934 | 0.010333 | 0.049983 | 0.000087 | 0.000359 | 0.001738 | 0.009542 | 6.079347 |
| 0.010806 | 0.206117 | 0.007339 | 0.055818 | 0 | 0.000301 | 0.001818 | 0.009822 | 6.079347 |
| 0.01053 | 0.207249 | 0.004029 | 0.059816 | 0 | 0.000224 | 0.00136 | 0.010079 | 6.079347 |
| 0.020205 | 0.214794 | 0.024148 | 0.057938 | 0 | 0.000204 | 0.002468 | 0.010005 | 6.135681 |
| 0.019517 | 0.219241 | 0.001032 | 0.062428 | 0 | 0.000209 | 0.001243 | 0.010502 | 6.135681 |
| 0.019821 | 0.206096 | 0.002152 | 0.061287 | 0 | 0.000265 | 0.000964 | 0.010365 | 6.135681 |
| 0.019465 | 0.198674 | 0.00159 | 0.067532 | 0.000231 | 0.000296 | 0.00105 | 0.010595 | 6.135681 |
| 0.020044 | 0.190597 | 0.002848 | 0.079149 | 0.000393 | 0.000281 | 0.001061 | 0.012303 | 6.135681 |
| 0.018776 | 0.18284 | 0.002256 | 0.098909 | 0 | 0.000285 | 0.001062 | 0.014142 | 6.167513 |
| 0.045102 | 0.154931 | 0.082014 | 0.087377 | 0 | 0.000149 | 0.003307 | 0.011299 | 6.167513 |
| 0 | 0.128289 | 0 | 0.072435 | 0 | 0.000096 | 0 | 0.008227 | 6.167513 |
| 0.01524 | 0.375391 | 0.004874 | 0.047451 | 0 | 0.000082 | 0.017583 | 0.017719 | 6.036251 |
| 0.089489 | 0.420481 | 0.00119 | 0.048759 | 0 | 0.000069 | 0.00087 | 0.021088 | 6.036251 |
| 0.705104 | 0.424439 | 0.002688 | 0.050508 | 0 | 0.000055 | 0.001554 | 0.017586 | 6.011354 |
| 0.015415 | 0.600704 | 0.010852 | 0.052617 | 0 | 0.000036 | 0.001022 | 0.016769 | 6.011354 |
| 0.839874 | 0.406442 | 0.002154 | 0.054863 | 0 | 0.000022 | 0.000763 | 0.015922 | 6.011354 |
| 0.090449 | 0.565811 | 0.001492 | 0.05121 | 0 | 0.000022 | 0.000715 | 0.015637 | 6.011354 |
| 0.009725 | 0.465893 | 0.001333 | 0.047502 | 0 | 0.000022 | 0.001058 | 0.015565 | 6.011354 |
| 0.007519 | 0.371534 | 0.001282 | 0.046025 | 0 | 0.000019 | 0.001134 | 0.014699 | 6.029633 |
| 0.014722 | 0.311611 | 0.001296 | 0.054643 | 0 | 0.00002 | 0.000936 | 0.013778 | 6.029633 |
| 0.023121 | 0.289472 | 0.053094 | 0.054498 | 0 | 0.000021 | 0.00136 | 0.012986 | 6.029633 |
| 0.019201 | 0.270677 | 0.006027 | 0.059221 | 0 | 0.000022 | 0.001156 | 0.0118 | 6.029633 |
| 0.015336 | 0.266749 | 0 | 0.048011 | 0 | 0.000024 | 0.001065 | 0.0114 | 6.029633 |
| 0.019348 | 0.278065 | 0.005375 | 0.041871 | 0 | 0.000026 | 0.001037 | 0.011064 | 6.052344 |
| 0.019358 | 0.300096 | 0.002393 | 0.040302 | 0 | 0.000029 | 0.001032 | 0.010905 | 6.052344 |
| 0.017282 | 0.310854 | 0.000775 | 0.03921 | 0 | 0.000033 | 0.000907 | 0.010794 | 6.052344 |
| 0.017884 | 0.317705 | 0.001651 | 0.040175 | 0 | 0.000037 | 0.001085 | 0.010647 | 6.052344 |
| 0.019962 | 0.344527 | 0.00227 | 0.044331 | 0 | 0.000041 | 0.00101 | 0.010597 | 6.052344 |
| 0.017581 | 0.419209 | 0.038368 | 0.04387 | 0 | 0.000047 | 0.002188 | 0.01043 | 6.079271 |
| 0.019779 | 0.524188 | 0.011408 | 0.049241 | 0 | 0.000054 | 0.001204 | 0.010549 | 6.079271 |
| 0.01992 | 0.522035 | 0.000829 | 0.044285 | 0 | 0.000064 | 0.001027 | 0.010236 | 6.079271 |
| 0.019483 | 0.396911 | 0.000463 | 0.041602 | 0 | 0.000076 | 0.000933 | 0.01005 | 6.079271 |

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| 0.018776 | 0.319042 | 0.003313 | 0.041568 | 0 | 0.000095 | 0.000908 | 0.009714 | 6.079271 |
| 0.020882 | 0.291045 | 0.00615 | 0.041592 | 0 | 0.000123 | 0.001124 | 0.009404 | 6.047097 |
| 0.01986 | 0.27128 | 0.00114 | 0.042725 | 0 | 0.000182 | 0.000953 | 0.00929 | 6.047097 |
| 0.01835 | 0.238394 | 0.009692 | 0.041167 | 0.000084 | 0.000285 | 0.001011 | 0.0092 | 6.047097 |
| 0.019108 | 0.223237 | 0 | 0.042379 | 0.000421 | 0.000311 | 0.000977 | 0.009069 | 6.047097 |
| 0.020035 | 0.214388 | 0.002675 | 0.042011 | 0 | 0.000349 | 0.001113 | 0.009182 | 6.047097 |
| 0.019405 | 0.210912 | 0.008874 | 0.044097 | 0 | 0.000264 | 0.001719 | 0.009333 | 6.079347 |
| 0.040798 | 0.204422 | 0.000789 | 0.050873 | 0 | 0.000297 | 0.001425 | 0.009624 | 6.079347 |
| 0.016176 | 0.209407 | 0.008225 | 0.05688 | 0.000552 | 0.000224 | 0.001445 | 0.010007 | 6.079347 |
| 0.013906 | 0.207738 | 0.016758 | 0.065127 | 0 | 0.000367 | 0.001983 | 0.010658 | 6.079347 |
| 0.024973 | 0.219681 | 0.007027 | 0.078687 | 0 | 0.000303 | 0.001948 | 0.011617 | 6.079347 |
| 0.018316 | 0.248344 | 0.017394 | 0.078424 | 0 | 0.000277 | 0.002259 | 0.01274 | 6.135681 |
| 0.018189 | 0.230052 | 0.002622 | 0.070435 | 0 | 0.000314 | 0.001232 | 0.01226 | 6.135681 |
| 0.019502 | 0.199611 | 0 | 0.061122 | 0.000306 | 0.000302 | 0.000987 | 0.010335 | 6.135681 |
| 0.019699 | 0.186074 | 0 | 0.059136 | 0.000336 | 0.000292 | 0.001027 | 0.009701 | 6.135681 |
| 0.019338 | 0.167204 | 0 | 0.061651 | 0 | 0.000278 | 0.001027 | 0.009822 | 6.135681 |
| 0.019839 | 0.1514 | 0.001218 | 0.063927 | 0 | 0.000157 | 0.001035 | 0.009152 | 6.167513 |
| 0.006546 | 0.124715 | 0.015847 | 0.053446 | 0 | 0.000105 | 0.000671 | 0.007781 | 6.167513 |
| 0 | 0.1013 | 0 | 0.041318 | 0 | 0.000076 | 0 | 0.005873 | 6.167513 |
| 0.00702 | 0.423334 | 0.000654 | 0.050086 | 0 | 0.00007 | 0.000764 | 0.021779 | 6.073523 |
| 0.019235 | 0.452704 | 0.002916 | 0.061842 | 0 | 0.000057 | 0.000893 | 0.019806 | 6.057539 |
| 0.019089 | 0.462606 | 0.019446 | 0.077049 | 0 | 0.000039 | 0.001522 | 0.019785 | 6.057539 |
| 0.016666 | 0.494989 | 0.016326 | 0.08044 | 0 | 0.000034 | 0.001137 | 0.019295 | 6.057539 |
| 0.014862 | 0.547563 | 0.005287 | 0.070072 | 0 | 0.000033 | 0.000961 | 0.01956 | 6.057539 |
| 0.01274 | 0.496951 | 0.00044 | 0.05791 | 0 | 0.000033 | 0.001063 | 0.018549 | 6.057539 |
| 0.005006 | 0.382121 | 0.00044 | 0.050573 | 0 | 0.000031 | 0.001176 | 0.015713 | 6.084774 |
| 0.015241 | 0.318038 | 0.004409 | 0.050725 | 0 | 0.000031 | 0.001002 | 0.0141 | 6.084774 |
| 0.016544 | 0.292833 | 0.009893 | 0.050913 | 0 | 0.000032 | 0.000955 | 0.013161 | 6.084774 |
| 0.018243 | 0.272179 | 0.003434 | 0.047073 | 0 | 0.000034 | 0.001139 | 0.011901 | 6.084774 |
| 0.017546 | 0.269103 | 0.001512 | 0.04555 | 0 | 0.000036 | 0.001238 | 0.011785 | 6.084774 |
| 0.019173 | 0.298194 | 0.004549 | 0.045899 | 0 | 0.000038 | 0.000953 | 0.011993 | 6.115932 |
| 0.017432 | 0.307773 | 0.001217 | 0.044733 | 0 | 0.000041 | 0.001137 | 0.011716 | 6.115932 |
| 0.016721 | 0.292725 | 0.000449 | 0.042452 | 0 | 0.000044 | 0.001017 | 0.011043 | 6.115932 |
| 0.016402 | 0.295215 | 0.005452 | 0.043138 | 0 | 0.000048 | 0.001106 | 0.010791 | 6.115932 |
| 0.018406 | 0.334235 | 0.001777 | 0.049727 | 0 | 0.000054 | 0.001022 | 0.010859 | 6.115932 |
| 0.028023 | 0.429465 | 0.038623 | 0.047032 | 0 | 0.000061 | 0.002023 | 0.010846 | 6.150611 |
| 1.04242 | 0.312846 | 0.004996 | 0.050849 | 0 | 0.00007 | 0.001045 | 0.011003 | 6.150611 |
| 0.020144 | 0.511498 | 0.001833 | 0.04502 | 0 | 0.000082 | 0.000999 | 0.010678 | 6.150611 |
| 0.019978 | 0.364734 | 0.001914 | 0.042394 | 0 | 0.000099 | 0.000939 | 0.010239 | 6.150611 |
| 0.018715 | 0.352465 | 0 | 0.043094 | 0 | 0.000124 | 0.000987 | 0.009858 | 6.150611 |
| 0.02093 | 0.334494 | 0.007919 | 0.043028 | 0 | 0.000171 | 0.001097 | 0.009648 | 6.141645 |
| 0.019512 | 0.272987 | 0.001113 | 0.044254 | 0 | 0.000278 | 0.00101 | 0.009565 | 6.141645 |
| 0.0197 | 0.233812 | 0.002225 | 0.042881 | 0.000505 | 0.00028 | 0.001057 | 0.009504 | 6.141645 |
| 0.019174 | 0.221148 | 0 | 0.042444 | 0 | 0.000379 | 0.001002 | 0.009396 | 6.141645 |
| 0.020025 | 0.213962 | 0.003489 | 0.043107 | 0 | 0.000247 | 0.001205 | 0.009463 | 6.141645 |
| 0.019348 | 0.21085 | 0.005278 | 0.046255 | 0 | 0.000211 | 0.001101 | 0.009646 | 6.179761 |
| 0.020582 | 0.208572 | 0.014783 | 0.050019 | 0 | 0.000217 | 0.001417 | 0.00981 | 6.179761 |
| 0.018933 | 0.209666 | 0.021062 | 0.058641 | 0.000005 | 0.000275 | 0.001792 | 0.010226 | 6.179761 |
| 0.018607 | 0.215049 | 0.00871 | 0.082664 | 0.000503 | 0.00021 | 0.001178 | 0.011902 | 6.179761 |
| 0.053498 | 0.250312 | 0.12082 | 0.084796 | 0.000187 | 0.000322 | 0.007278 | 0.013193 | 6.179761 |

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| 0.041428 | 0.228973 | 0.080266 | 0.090423 | 0.000127 | 0.000332 | 0.01455 | 0.012613 | 6.239062 |
| 0.01823 | 0.224678 | 0.001033 | 0.075423 | 0.000473 | 0.000264 | 0.000991 | 0.012576 | 6.239062 |
| 0.020112 | 0.188555 | 0.005427 | 0.054318 | 0.000184 | 0.000301 | 0.001492 | 0.009425 | 6.239062 |
| 0.020051 | 0.169746 | 0.003674 | 0.049741 | 0 | 0.000244 | 0.001071 | 0.008741 | 6.239062 |
| 0.01675 | 0.147716 | 0.002717 | 0.047792 | 0 | 0.000151 | 0.001077 | 0.008245 | 6.239062 |
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| 0 | 0.083598 | 0 | 0.027646 | 0 | 0.000061 | 0 | 0.004613 | 6.274422 |
| 0.013603 | 0.413751 | 0.002368 | 0.054075 | 0 | 0.000066 | 0.008724 | 0.021261 | 6.073523 |
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| 0.08315 | 0.415487 | 0.170106 | 0.069358 | 0 | 0.00004 | 0.006456 | 0.023583 | 6.057539 |
| 0.057512 | 0.48246 | 0.07589 | 0.095559 | 0 | 0.00004 | 0.004492 | 0.028613 | 6.057539 |
| 1.229358 | 0.365808 | 0.038733 | 0.075861 | 0 | 0.00004 | 0.008672 | 0.027305 | 6.057539 |
| 0.141744 | 0.452638 | 0.006755 | 0.060165 | 0 | 0.000039 | 0.001013 | 0.021173 | 6.057539 |
| 0.008359 | 0.366258 | 0 | 0.049923 | 0 | 0.000038 | 0.00111 | 0.016529 | 6.084774 |
| 0.017534 | 0.308362 | 0 | 0.048304 | 0 | 0.000038 | 0.000984 | 0.014795 | 6.084774 |
| 0.019097 | 0.289911 | 0.005989 | 0.046779 | 0 | 0.000039 | 0.001042 | 0.013792 | 6.084774 |
| 0.018911 | 0.273067 | 0 | 0.045427 | 0 | 0.000041 | 0.001036 | 0.012539 | 6.084774 |
| 0.020046 | 0.281372 | 0.002776 | 0.046701 | 0 | 0.000043 | 0.001085 | 0.012588 | 6.084774 |
| 0.027073 | 0.259897 | 0.043438 | 0.042925 | 0 | 0.000046 | 0.007133 | 0.011589 | 6.115932 |
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| 0.015737 | 0.283219 | 0.000897 | 0.044373 | 0 | 0.000053 | 0.001154 | 0.01149 | 6.115932 |
| 0.019108 | 0.294081 | 0 | 0.05041 | 0 | 0.000058 | 0.001029 | 0.011454 | 6.115932 |
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| 0.020286 | 0.345446 | 0.007216 | 0.044891 | 0 | 0.000096 | 0.000991 | 0.011431 | 6.150611 |
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| 0.021117 | 0.350684 | 0.008795 | 0.047979 | 0 | 0.000245 | 0.001093 | 0.01064 | 6.141645 |
| 0.019746 | 0.26472 | 0.000131 | 0.048311 | 0.000402 | 0.000278 | 0.000969 | 0.010631 | 6.141645 |
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| 0.026138 | 0.226624 | 0.042456 | 0.080647 | 0 | 0.000246 | 0.001838 | 0.012801 | 6.179761 |
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| 0.055861 | 0.393363 | 0.021252 | 0.07264 | 0 | 0.000047 | 0.00207 | 0.024677 | 6.057539 |
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| 0.133996 | 0.400292 | 0.093251 | 0.071157 | 0 | 0.000043 | 0.069241 | 0.017892 | 6.057539 |

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| 0.021516 | 0.439816 | 0.002859 | 0.075507 | 0 | 0.000042 | 0.001304 | 0.030857 | 6.057539 |
| 0.014284 | 0.366627 | 0.00379 | 0.055981 | 0 | 0.000042 | 0.001188 | 0.019162 | 6.057539 |
| 0.019532 | 0.309812 | 0.001572 | 0.049837 | 0 | 0.000041 | 0.001042 | 0.015946 | 6.084774 |
| 0.02014 | 0.281152 | 0.005971 | 0.04738 | 0 | 0.000041 | 0.001303 | 0.014521 | 6.084774 |
| 0.022019 | 0.278417 | 0.024927 | 0.04307 | 0 | 0.000043 | 0.001201 | 0.013747 | 6.084774 |
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| 0.020173 | 0.283584 | 0.024317 | 0.054756 | 0 | 0.000063 | 0.00165 | 0.011647 | 6.115932 |
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| 0.020384 | 0.324586 | 0.012572 | 0.064314 | 0 | 0.00008 | 0.001102 | 0.01195 | 6.150611 |
| 0.019937 | 0.309401 | 0.003598 | 0.05163 | 0 | 0.000093 | 0.001009 | 0.011648 | 6.150611 |
| 0.019699 | 0.296151 | 0 | 0.046955 | 0 | 0.000112 | 0.000867 | 0.011427 | 6.150611 |
| 0.021759 | 0.301565 | 0.014795 | 0.043016 | 0 | 0.000142 | 0.0013 | 0.01121 | 6.150611 |
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| 0.025616 | 0.283502 | 0.045111 | 0.046527 | 0.000216 | 0.000288 | 0.002319 | 0.010964 | 6.141645 |
| 0.018101 | 0.264339 | 0.005038 | 0.052959 | 0.000289 | 0.000348 | 0.001064 | 0.011259 | 6.141645 |
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| 0.019916 | 0.279394 | 0.000911 | 0.049875 | 0 | 0.000107 | 0.000099 | 0.01162 | 6.150611 |
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| 0.018124 | 0.225439 | 0 | 0.05264 | 0 | 0.000145 | 0.000951 | 0.011456 | 6.141645 |
| 0.018265 | 0.22345 | 0.001254 | 0.057251 | 0 | 0.000131 | 0.00095 | 0.011573 | 6.179761 |
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| 0.019612 | 0.19924 | 0.000007 | 0.058209 | 0 | 0.000116 | 0.000983 | 0.009725 | 6.179761 |
| 0.019699 | 0.173029 | 0 | 0.043959 | 0 | 0.000109 | 0.001049 | 0.008237 | 6.239062 |
| 0.020185 | 0.15511 | 0.002979 | 0.036932 | 0 | 0.000097 | 0.001331 | 0.007207 | 6.239062 |
| 0.019108 | 0.135688 | 0 | 0.033426 | 0 | 0.000084 | 0.001079 | 0.006517 | 6.239062 |
| 0.005122 | 0.116758 | 0 | 0.03021 | 0 | 0.000071 | 0.000269 | 0.005782 | 6.239062 |
| 0 | 0.092818 | 0 | 0.027321 | 0 | 0.00006 | 0 | 0.004901 | 6.239062 |
| 0.028211 | 0.348845 | 0.027627 | 0.060277 | 0 | 0.00005 | 0.002986 | 0.025206 | 6.057539 |
| 0.017037 | 0.341937 | 0.004187 | 0.059611 | 0 | 0.000049 | 0.001604 | 0.02064 | 6.057539 |
| 0.021265 | 0.335387 | 0.027905 | 0.051835 | 0 | 0.000049 | 0.001492 | 0.018296 | 6.057539 |
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| 0.020979 | 0.30077 | 0.013451 | 0.051443 | 0 | 0.000048 | 0.001267 | 0.015477 | 6.084774 |
| 0.019756 | 0.286553 | 0.003778 | 0.047179 | 0 | 0.000049 | 0.001032 | 0.014697 | 6.084774 |
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| 0.019502 | 0.263341 | 0 | 0.045633 | 0 | 0.00007 | 0.00092 | 0.01182 | 6.115932 |
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| 0.029148 | 0.232153 | 0.04346 | 0.069053 | 0 | 0.000101 | 0.001749 | 0.011527 | 6.179761 |
| 0.023329 | 0.209709 | 0.016123 | 0.059493 | 0 | 0.000097 | 0.001418 | 0.010298 | 6.179761 |
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| 0.019699 | 0.157326 | 0 | 0.034835 | 0 | 0.000083 | 0.000967 | 0.007419 | 6.239062 |
| 0.019108 | 0.137982 | 0 | 0.030201 | 0 | 0.000075 | 0.001092 | 0.006369 | 6.239062 |
| 0.004728 | 0.120013 | 0 | 0.027266 | 0 | 0.000065 | 0.00032 | 0.005667 | 6.239062 |
| 0 | 0.099991 | 0 | 0.025138 | 0 | 0.000056 | 0 | 0.004857 | 6.239062 |
| 0.028524 | 0.330561 | 0.000224 | 0.060693 | 0 | 0.000054 | 0.001024 | 0.023711 | 6.081135 |

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| 0.018582 | 0.328442 | 0.000224 | 0.051543 | 0 | 0.000053 | 0.001187 | 0.0204 | 6.081135 |
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| 0.019346 | 0.270714 | 0.00478 | 0.040836 | 0 | 0.000071 | 0.001112 | 0.012064 | 6.156327 |
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| 0.019699 | 0.258884 | 0 | 0.047615 | 0 | 0.000155 | 0.00098 | 0.012181 | 6.198394 |
| 0.020107 | 0.232323 | 0.002722 | 0.059027 | 0 | 0.000111 | 0.001184 | 0.012963 | 6.195883 |
| 0.020572 | 0.23438 | 0.007997 | 0.064884 | 0 | 0.000101 | 0.001072 | 0.012307 | 6.239353 |
| 0.027969 | 0.213746 | 0.044005 | 0.063952 | 0 | 0.000093 | 0.003016 | 0.01149 | 6.239353 |
| 0.021614 | 0.227208 | 0.010333 | 0.064159 | 0 | 0.000087 | 0.001096 | 0.010948 | 6.239353 |
| 0.022525 | 0.189535 | 0.00429 | 0.049584 | 0 | 0.000082 | 0.001074 | 0.009673 | 6.239353 |
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| 0 | 0.102578 | 0 | 0.02337 | 0 | 0.000054 | 0 | 0.004797 | 6.303038 |
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| 0.020056 | 0.317297 | 0.002729 | 0.046163 | 0 | 0.000058 | 0.001038 | 0.022273 | 6.081135 |
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| 0.021755 | 0.365765 | 0.011447 | 0.043851 | 0 | 0.000058 | 0.002277 | 0.017046 | 6.081135 |
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| 0.018606 | 0.26674 | 0.002385 | 0.052131 | 0 | 0.000143 | 0.001122 | 0.012462 | 6.198394 |
| 0.018518 | 0.26339 | 0 | 0.050804 | 0 | 0.000203 | 0.000976 | 0.012744 | 6.198394 |
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| 0.019699 | 0.168426 | 0 | 0.041065 | 0 | 0.000071 | 0.001124 | 0.009022 | 6.239353 |
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| 0.018529 | 0.464003 | 0.001238 | 0.042551 | 0 | 0.000063 | 0.001117 | 0.018827 | 6.081135 |
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| 0.018898 | 0.306693 | 0.001005 | 0.04976 | 0 | 0.000079 | 0.001084 | 0.015175 | 6.117034 |
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n.defra.gov.uk/helpdesk/laqm-helpdesk.htm

Residual+S Point_Sources_21

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| 5.324027 | 0.039443 |
| 7.999704 | 0.04168 |
| 5.957027 | 0.039592 |
| 5.651719 | 0.036361 |
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| 5.370049 | 0.027964 |
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| 8.578961 | 0.03132 |
| 7.673647 | 0.029362 |
| 5.843432 | 0.027523 |

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| 8.643212 | 0.045593 |
| 8.522605 | 0.042692 |
| 7.671235 | 0.041991 |
| 8.037401 | 0.041265 |
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| 8.363624 | 0.040149 |
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| 5.303306 | 0.007754 |
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| 8.928747 | 0.042874 |
| 8.815103 | 0.040181 |
| 8.791679 | 0.039688 |
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| 8.791981 | 0.037839 |
| 8.101104 | 0.035994 |
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| 8.943034 | 0.031075 |
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| 8.793941 | 0.030501 |
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| 7.564827 | 0.009096 |
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