

casel

| p | d | rmin | J | J* |
|---|---|------|---------|----------|
| 1 | 1 | 1 | 35.9341 | 34.2055 |
| 1 | 2 | 0.5 | 8.8694 | 4.61E+08 |
| 1 | 2 | 0.6 | 13.2001 | 1095.74 |
| 1 | 2 | 0.7 | 16.0144 | 358.892 |
| 1 | 2 | 0.8 | 21.1948 | 122.341 |
| 1 | 2 | 0.9 | 25.0004 | 75.9506 |
| 1 | 2 | 1 | 27.6111 | 59.1323 |
| 2 | 1 | 1 | 34.3143 | 34.2055 |
| 2 | 2 | 0.5 | 34.3098 | 33.935 |
| 2 | 2 | 0.6 | 34.3098 | 33.9351 |
| 2 | 2 | 0.7 | 34.3098 | 33.9347 |
| 2 | 2 | 0.8 | 34.3099 | 33.9341 |
| 2 | 2 | 0.9 | 34.31 | 33.9334 |
| 2 | 2 | 1 | 34.3101 | 33.9331 |
| 2 | 3 | 0.4 | 8.35535 | 552.845 |
| 2 | 3 | 0.5 | 16.9752 | 100.509 |
| 2 | 3 | 0.6 | 27.6643 | 45.7511 |
| 2 | 3 | 0.7 | 31.4569 | 37.6764 |
| 2 | 3 | 0.8 | 32.4762 | 36.1418 |
| 2 | 3 | 0.9 | 33.4333 | 34.6481 |
| 2 | 3 | 1 | 33.6962 | 34.3311 |
| 3 | 1 | 1 | 34.3019 | 34.2055 |
| 3 | 2 | 0.5 | 34.1738 | 33.9374 |
| 3 | 2 | 0.6 | 34.1738 | 33.9374 |
| 3 | 2 | 0.7 | 34.1739 | 33.9371 |
| 3 | 2 | 0.8 | 34.1739 | 33.9364 |
| 3 | 2 | 0.9 | 34.174 | 33.9357 |
| 3 | 2 | 1 | 34.1742 | 33.9345 |
| 3 | 3 | 0.4 | 22.5835 | 74.4729 |
| 3 | 3 | 0.5 | 28.1666 | 37.2274 |
| 3 | 3 | 0.6 | 32.1355 | 34.119 |
| 3 | 3 | 0.7 | 33.2029 | 34.2875 |
| 3 | 3 | 0.8 | 33.5508 | 34.2435 |
| 3 | 3 | 0.9 | 33.8205 | 33.8278 |
| 3 | 3 | 1 | 33.9315 | 33.817 |
| 3 | 4 | 0.3 | 12.2066 | 91.411 |
| 3 | 4 | 0.4 | 20.1531 | 62.5016 |
| 3 | 4 | 0.5 | 25.6085 | 40.9145 |
| 3 | 4 | 0.6 | 29.7112 | 34.9124 |
| 3 | 4 | 0.7 | 32.1458 | 33.902 |
| 3 | 4 | 0.8 | 33.2923 | 33.9719 |
| 3 | 4 | 0.9 | 33.6872 | 33.8341 |
| 3 | 4 | 1 | 33.8345 | 33.773 |
| 3 | 5 | 0.2 | 3.85675 | 4.28E+08 |
| 3 | 5 | 0.3 | 13.7947 | 55.0004 |
| 3 | 5 | 0.4 | 19.5935 | 34.6625 |
| 3 | 5 | 0.5 | 25.6817 | 30.5157 |
| 3 | 5 | 0.6 | 29.1437 | 31.9941 |
| 3 | 5 | 0.7 | 31.7835 | 33.7189 |
| 3 | 5 | 0.8 | 33.18 | 33.7734 |
| 3 | 5 | 0.9 | 33.6263 | 33.8124 |
| 3 | 5 | 1 | 33.8018 | 33.7682 |

| case1 | | | | |
|-------|---|-----|---------|----------|
| 4 | 1 | 1 | 33.9991 | 34.2055 |
| 4 | 2 | 0.5 | 33.936 | 33.931 |
| 4 | 2 | 0.6 | 33.936 | 33.9312 |
| 4 | 2 | 0.7 | 33.936 | 33.9312 |
| 4 | 2 | 0.8 | 33.936 | 33.9312 |
| 4 | 2 | 0.9 | 33.9361 | 33.9312 |
| 4 | 2 | 1 | 33.9362 | 33.9313 |
| 4 | 3 | 0.4 | 20.1246 | 158.221 |
| 4 | 3 | 0.5 | 28.5765 | 54.8429 |
| 4 | 3 | 0.6 | 32.8128 | 33.6418 |
| 4 | 3 | 0.7 | 33.4921 | 33.8402 |
| 4 | 3 | 0.8 | 33.6856 | 33.8922 |
| 4 | 3 | 0.9 | 33.9343 | 33.8368 |
| 4 | 3 | 1 | 33.9351 | 33.8372 |
| 4 | 4 | 0.3 | 16.298 | 82.1909 |
| 4 | 4 | 0.4 | 24.6124 | 33.4487 |
| 4 | 4 | 0.5 | 28.0395 | 30.6238 |
| 4 | 4 | 0.6 | 31.2603 | 32.4674 |
| 4 | 4 | 0.7 | 32.8572 | 33.4571 |
| 4 | 4 | 0.8 | 33.5867 | 33.6759 |
| 4 | 4 | 0.9 | 33.7523 | 33.7335 |
| 4 | 4 | 1 | 33.9344 | 33.7917 |
| 4 | 5 | 0.2 | 5.3298 | 3.83E+08 |
| 4 | 5 | 0.3 | 17.5506 | 25.2071 |
| 4 | 5 | 0.4 | 22.3943 | 26.1304 |
| 4 | 5 | 0.5 | 27.5084 | 29.7786 |
| 4 | 5 | 0.6 | 30.4467 | 31.526 |
| 4 | 5 | 0.7 | 32.5915 | 32.9671 |
| 4 | 5 | 0.8 | 33.4583 | 33.5501 |
| 4 | 5 | 0.9 | 33.7391 | 33.7092 |
| 4 | 5 | 1 | 33.93 | 33.765 |
| 4 | 6 | 0.2 | 10.1254 | 769.318 |
| 4 | 6 | 0.3 | 17.4163 | 26.3546 |
| 4 | 6 | 0.4 | 22.4537 | 26.1774 |
| 4 | 6 | 0.5 | 26.6279 | 28.4837 |
| 4 | 6 | 0.6 | 30.4287 | 31.2783 |
| 4 | 6 | 0.7 | 32.5166 | 32.8092 |
| 4 | 6 | 0.8 | 33.4455 | 33.5129 |
| 4 | 6 | 0.9 | 33.7473 | 33.7079 |
| 4 | 6 | 1 | 33.909 | 33.7456 |
| 5 | 1 | 1 | 34.2055 | 34.2055 |
| 5 | 2 | 0.5 | 33.888 | 33.9312 |
| 5 | 2 | 0.6 | 33.888 | 33.9312 |
| 5 | 2 | 0.7 | 33.888 | 33.9312 |
| 5 | 2 | 0.8 | 33.888 | 33.9313 |
| 5 | 2 | 0.9 | 33.8881 | 33.9314 |
| 5 | 2 | 1 | 33.8882 | 33.9313 |
| 5 | 3 | 0.4 | 25.2722 | 68.5243 |
| 5 | 3 | 0.5 | 30.293 | 36.4998 |
| 5 | 3 | 0.6 | 32.9715 | 33.3016 |
| 5 | 3 | 0.7 | 33.5543 | 33.6455 |
| 5 | 3 | 0.8 | 33.885 | 33.8371 |
| 5 | 3 | 0.9 | 33.8851 | 33.8371 |

| case1 | | | | |
|-------|---|-----|---------|----------|
| 5 | 3 | 1 | 33.8853 | 33.8373 |
| 5 | 4 | 0.3 | 17.2529 | 82.3988 |
| 5 | 4 | 0.4 | 25.1255 | 31.2288 |
| 5 | 4 | 0.5 | 28.3826 | 30.5953 |
| 5 | 4 | 0.6 | 31.467 | 32.4028 |
| 5 | 4 | 0.7 | 32.9564 | 33.409 |
| 5 | 4 | 0.8 | 33.6256 | 33.6353 |
| 5 | 4 | 0.9 | 33.8844 | 33.7916 |
| 5 | 4 | 1 | 33.8847 | 33.7917 |
| 5 | 5 | 0.2 | 6.18859 | 3.83E+08 |
| 5 | 5 | 0.3 | 18.3336 | 24.9101 |
| 5 | 5 | 0.4 | 22.7938 | 26.2747 |
| 5 | 5 | 0.5 | 27.8756 | 29.5991 |
| 5 | 5 | 0.6 | 30.6499 | 31.5015 |
| 5 | 5 | 0.7 | 32.6586 | 32.9553 |
| 5 | 5 | 0.8 | 33.4707 | 33.5383 |
| 5 | 5 | 0.9 | 33.8736 | 33.7624 |
| 5 | 5 | 1 | 33.8844 | 33.7661 |
| 5 | 6 | 0.2 | 12.0848 | 130.75 |
| 5 | 6 | 0.3 | 18.0891 | 27.1949 |
| 5 | 6 | 0.4 | 22.8603 | 25.9324 |
| 5 | 6 | 0.5 | 26.8964 | 28.4545 |
| 5 | 6 | 0.6 | 30.5961 | 31.2296 |
| 5 | 6 | 0.7 | 32.5882 | 32.7988 |
| 5 | 6 | 0.8 | 33.4616 | 33.5042 |
| 5 | 6 | 0.9 | 33.8512 | 33.7429 |
| 5 | 6 | 1 | 33.8842 | 33.7503 |
| 5 | 7 | 0.2 | 10.937 | 133.844 |
| 5 | 7 | 0.3 | 16.8154 | 25.1355 |
| 5 | 7 | 0.4 | 22.6265 | 24.5769 |
| 5 | 7 | 0.5 | 27.7435 | 28.7731 |
| 5 | 7 | 0.6 | 31.079 | 31.4578 |
| 5 | 7 | 0.7 | 32.8253 | 32.9387 |
| 5 | 7 | 0.8 | 33.5054 | 33.5308 |
| 5 | 7 | 0.9 | 33.8229 | 33.7305 |
| 5 | 7 | 1 | 33.8837 | 33.7399 |
| 5 | 8 | 0.2 | 11.9031 | 18.3728 |
| 5 | 8 | 0.3 | 17.6025 | 23.1754 |
| 5 | 8 | 0.4 | 23.2801 | 24.8124 |
| 5 | 8 | 0.5 | 28.0081 | 28.921 |
| 5 | 8 | 0.6 | 31.2707 | 31.5632 |
| 5 | 8 | 0.7 | 32.8664 | 32.9619 |
| 5 | 8 | 0.8 | 33.5294 | 33.5459 |
| 5 | 8 | 0.9 | 33.8314 | 33.7263 |
| 5 | 8 | 1 | 33.884 | 33.7326 |
| 6 | 1 | 1 | 33.9773 | 34.2055 |
| 6 | 2 | 0.5 | 33.8142 | 33.9315 |
| 6 | 2 | 0.6 | 33.8142 | 33.9313 |
| 6 | 2 | 0.7 | 33.8142 | 33.9313 |
| 6 | 2 | 0.8 | 33.8142 | 33.9314 |
| 6 | 2 | 0.9 | 33.8142 | 33.9315 |
| 6 | 2 | 1 | 33.8143 | 33.9317 |
| 6 | 3 | 0.4 | 27.34 | 29.5977 |

| case1 | | | | |
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| 6 | 3 | 0.5 | 31.0911 | 32.0196 |
| 6 | 3 | 0.6 | 33.0056 | 33.2391 |
| 6 | 3 | 0.7 | 33.808 | 33.8329 |
| 6 | 3 | 0.8 | 33.8134 | 33.8371 |
| 6 | 3 | 0.9 | 33.8135 | 33.8373 |
| 6 | 3 | 1 | 33.8136 | 33.8374 |
| 6 | 4 | 0.3 | 20.9292 | 26.5062 |
| 6 | 4 | 0.4 | 26.2494 | 28.9022 |
| 6 | 4 | 0.5 | 29.0285 | 30.3872 |
| 6 | 4 | 0.6 | 31.8002 | 32.2345 |
| 6 | 4 | 0.7 | 33.115 | 33.3022 |
| 6 | 4 | 0.8 | 33.8125 | 33.791 |
| 6 | 4 | 0.9 | 33.8134 | 33.7917 |
| 6 | 4 | 1 | 33.8135 | 33.7917 |
| 6 | 5 | 0.2 | 6.12577 | 3.89E+08 |
| 6 | 5 | 0.3 | 19.2118 | 24.6399 |
| 6 | 5 | 0.4 | 23.6537 | 25.7472 |
| 6 | 5 | 0.5 | 28.4463 | 29.4628 |
| 6 | 5 | 0.6 | 30.9388 | 31.4735 |
| 6 | 5 | 0.7 | 32.7586 | 32.9256 |
| 6 | 5 | 0.8 | 33.7962 | 33.7571 |
| 6 | 5 | 0.9 | 33.8133 | 33.7659 |
| 6 | 5 | 1 | 33.8134 | 33.766 |
| 6 | 6 | 0.2 | 12.764 | 26.0632 |
| 6 | 6 | 0.3 | 19.1832 | 22.1057 |
| 6 | 6 | 0.4 | 23.7517 | 25.3438 |
| 6 | 6 | 0.5 | 27.389 | 28.4084 |
| 6 | 6 | 0.6 | 30.8567 | 31.1854 |
| 6 | 6 | 0.7 | 32.6679 | 32.8005 |
| 6 | 6 | 0.8 | 33.462 | 33.5008 |
| 6 | 6 | 0.9 | 33.8131 | 33.75 |
| 6 | 6 | 1 | 33.8134 | 33.7502 |
| 6 | 7 | 0.2 | 11.769 | 24.0015 |
| 6 | 7 | 0.3 | 17.6683 | 20.7057 |
| 6 | 7 | 0.4 | 23.2451 | 24.3635 |
| 6 | 7 | 0.5 | 28.1255 | 28.7196 |
| 6 | 7 | 0.6 | 31.2411 | 31.4566 |
| 6 | 7 | 0.7 | 32.8618 | 32.9408 |
| 6 | 7 | 0.8 | 33.4995 | 33.5246 |
| 6 | 7 | 0.9 | 33.8131 | 33.7396 |
| 6 | 7 | 1 | 33.8134 | 33.7396 |
| 6 | 8 | 0.2 | 12.6009 | 29.2237 |
| 6 | 8 | 0.3 | 18.3809 | 19.9624 |
| 6 | 8 | 0.4 | 23.7867 | 24.7116 |
| 6 | 8 | 0.5 | 28.3623 | 28.9029 |
| 6 | 8 | 0.6 | 31.4191 | 31.5726 |
| 6 | 8 | 0.7 | 32.906 | 32.9665 |
| 6 | 8 | 0.8 | 33.5483 | 33.5609 |
| 6 | 8 | 0.9 | 33.8126 | 33.7323 |
| 6 | 8 | 1 | 33.8133 | 33.7323 |
| 6 | 9 | 0.2 | 12.9773 | 15.197 |
| 6 | 9 | 0.3 | 19.0006 | 20.4165 |
| 6 | 9 | 0.4 | 24.1909 | 24.9784 |

| case1 | | | | |
|-------|---|-----|---------|----------|
| 6 | 9 | 0.5 | 28.4878 | 28.9048 |
| 6 | 9 | 0.6 | 31.409 | 31.5242 |
| 6 | 9 | 0.7 | 32.88 | 32.9299 |
| 6 | 9 | 0.8 | 33.5624 | 33.57 |
| 6 | 9 | 0.9 | 33.8109 | 33.7266 |
| 6 | 9 | 1 | 33.8132 | 33.7271 |
| 7 | 1 | 1 | 34.0582 | 34.2055 |
| 7 | 2 | 0.5 | 33.7974 | 33.9315 |
| 7 | 2 | 0.6 | 33.7974 | 33.9313 |
| 7 | 2 | 0.7 | 33.7974 | 33.9313 |
| 7 | 2 | 0.8 | 33.7974 | 33.9314 |
| 7 | 2 | 0.9 | 33.7974 | 33.9315 |
| 7 | 2 | 1 | 33.7975 | 33.9316 |
| 7 | 3 | 0.4 | 27.7127 | 29.6056 |
| 7 | 3 | 0.5 | 31.2965 | 31.9833 |
| 7 | 3 | 0.6 | 33.0545 | 33.2369 |
| 7 | 3 | 0.7 | 33.794 | 33.8371 |
| 7 | 3 | 0.8 | 33.7941 | 33.8373 |
| 7 | 3 | 0.9 | 33.7942 | 33.8374 |
| 7 | 3 | 1 | 33.7942 | 33.8374 |
| 7 | 4 | 0.3 | 21.224 | 26.3991 |
| 7 | 4 | 0.4 | 26.3421 | 28.8962 |
| 7 | 4 | 0.5 | 29.0837 | 30.3813 |
| 7 | 4 | 0.6 | 31.8134 | 32.2337 |
| 7 | 4 | 0.7 | 33.1167 | 33.3012 |
| 7 | 4 | 0.8 | 33.7939 | 33.7916 |
| 7 | 4 | 0.9 | 33.794 | 33.7917 |
| 7 | 4 | 1 | 33.7941 | 33.7918 |
| 7 | 5 | 0.2 | 7.88192 | 1.76E+08 |
| 7 | 5 | 0.3 | 19.6133 | 24.1681 |
| 7 | 5 | 0.4 | 23.7218 | 25.7139 |
| 7 | 5 | 0.5 | 28.4741 | 29.4494 |
| 7 | 5 | 0.6 | 30.9578 | 31.466 |
| 7 | 5 | 0.7 | 32.7633 | 32.9224 |
| 7 | 5 | 0.8 | 33.7936 | 33.7657 |
| 7 | 5 | 0.9 | 33.7939 | 33.766 |
| 7 | 5 | 1 | 33.794 | 33.766 |
| 7 | 6 | 0.2 | 13.0708 | 26.2451 |
| 7 | 6 | 0.3 | 19.2752 | 21.9843 |
| 7 | 6 | 0.4 | 23.7728 | 25.346 |
| 7 | 6 | 0.5 | 27.4107 | 28.4098 |
| 7 | 6 | 0.6 | 30.8568 | 31.1882 |
| 7 | 6 | 0.7 | 32.6737 | 32.8 |
| 7 | 6 | 0.8 | 33.7862 | 33.7461 |
| 7 | 6 | 0.9 | 33.7939 | 33.7501 |
| 7 | 6 | 1 | 33.794 | 33.7501 |
| 7 | 7 | 0.2 | 12.2105 | 21.2419 |
| 7 | 7 | 0.3 | 17.7283 | 20.6119 |
| 7 | 7 | 0.4 | 23.2494 | 24.373 |
| 7 | 7 | 0.5 | 28.143 | 28.7229 |
| 7 | 7 | 0.6 | 31.2437 | 31.4576 |
| 7 | 7 | 0.7 | 32.8663 | 32.941 |
| 7 | 7 | 0.8 | 33.7778 | 33.7334 |

| caseI | | | | |
|-------|----|-----|---------|----------|
| 7 | 7 | 0.9 | 33.7938 | 33.7397 |
| 7 | 7 | 1 | 33.7939 | 33.7397 |
| 7 | 8 | 0.2 | 13.0223 | 15.7441 |
| 7 | 8 | 0.3 | 18.4232 | 19.924 |
| 7 | 8 | 0.4 | 23.8089 | 24.7118 |
| 7 | 8 | 0.5 | 28.3861 | 28.9031 |
| 7 | 8 | 0.6 | 31.4197 | 31.5723 |
| 7 | 8 | 0.7 | 32.9091 | 32.967 |
| 7 | 8 | 0.8 | 33.5522 | 33.5613 |
| 7 | 8 | 0.9 | 33.7937 | 33.7323 |
| 7 | 8 | 1 | 33.794 | 33.7323 |
| 7 | 9 | 0.2 | 13.0329 | 14.979 |
| 7 | 9 | 0.3 | 19.0578 | 20.3586 |
| 7 | 9 | 0.4 | 24.2179 | 24.9789 |
| 7 | 9 | 0.5 | 28.5092 | 28.9063 |
| 7 | 9 | 0.6 | 31.4058 | 31.5242 |
| 7 | 9 | 0.7 | 32.8812 | 32.9294 |
| 7 | 9 | 0.8 | 33.5637 | 33.569 |
| 7 | 9 | 0.9 | 33.7937 | 33.727 |
| 7 | 9 | 1 | 33.794 | 33.7271 |
| 7 | 10 | 0.1 | 3.75014 | 5.08E+08 |
| 7 | 10 | 0.2 | 13.0559 | 14.7726 |
| 7 | 10 | 0.3 | 18.9366 | 20.1066 |
| 7 | 10 | 0.4 | 24.1818 | 24.85 |
| 7 | 10 | 0.5 | 28.3438 | 28.7118 |
| 7 | 10 | 0.6 | 31.3252 | 31.4257 |
| 7 | 10 | 0.7 | 32.8432 | 32.8829 |
| 7 | 10 | 0.8 | 33.5645 | 33.568 |
| 7 | 10 | 0.9 | 33.7937 | 33.7231 |
| 7 | 10 | 1 | 33.7939 | 33.7231 |
| 7 | 11 | 0.1 | 5.65956 | 4.91E+06 |
| 7 | 11 | 0.2 | 13.1461 | 14.7004 |
| 7 | 11 | 0.3 | 19.1734 | 20.1623 |
| 7 | 11 | 0.4 | 24.1577 | 24.7227 |
| 7 | 11 | 0.5 | 28.3595 | 28.6503 |
| 7 | 11 | 0.6 | 31.2844 | 31.3621 |
| 8 | 3 | 0.4 | 27.9314 | 29.5949 |
| 8 | 4 | 0.3 | 21.7223 | 26.3627 |
| 8 | 4 | 0.4 | 26.7789 | 28.8808 |
| 8 | 5 | 0.2 | 9.71726 | 16.1729 |
| 8 | 5 | 0.3 | 19.8931 | 24.0911 |
| 8 | 5 | 0.4 | 23.8165 | 25.7018 |
| 8 | 6 | 0.2 | 14.1913 | 18.5367 |
| 8 | 6 | 0.3 | 19.3876 | 21.7865 |
| 8 | 6 | 0.4 | 23.8156 | 25.3305 |
| 8 | 7 | 0.2 | 12.9141 | 17.6165 |
| 8 | 7 | 0.3 | 17.8057 | 20.3377 |
| 8 | 7 | 0.4 | 23.3041 | 24.3601 |
| 8 | 8 | 0.2 | 13.2573 | 15.3822 |
| 8 | 8 | 0.3 | 18.5345 | 19.8603 |
| 8 | 8 | 0.4 | 23.8903 | 24.7044 |
| 8 | 9 | 0.2 | 13.1613 | 14.7426 |
| 8 | 9 | 0.3 | 19.1866 | 20.3116 |

| case1 | | | | |
|-------|----|-----|---------|----------|
| 8 | 9 | 0.4 | 24.3269 | 24.9722 |
| 8 | 10 | 0.1 | 3.89051 | 4.86E+08 |
| 8 | 10 | 0.2 | 13.1715 | 14.5312 |
| 8 | 10 | 0.3 | 19.0738 | 20.0382 |
| 8 | 10 | 0.4 | 24.2873 | 24.8403 |
| 9 | 3 | 0.4 | 28.1317 | 29.5996 |
| 9 | 4 | 0.3 | 21.8587 | 26.2491 |
| 9 | 4 | 0.4 | 26.8534 | 28.8587 |
| 9 | 5 | 0.2 | 8.66633 | 12.4979 |
| 9 | 5 | 0.3 | 20.0533 | 24.0344 |
| 9 | 5 | 0.4 | 23.862 | 25.6711 |
| 9 | 6 | 0.2 | 14.3841 | 18.398 |
| 9 | 6 | 0.3 | 19.4123 | 21.7642 |
| 9 | 6 | 0.4 | 23.817 | 25.3515 |
| 9 | 7 | 0.2 | 13.2467 | 16.7484 |
| 9 | 7 | 0.3 | 17.8827 | 20.2021 |
| 9 | 7 | 0.4 | 23.3081 | 24.3654 |
| 9 | 8 | 0.2 | 13.2895 | 15.349 |
| 9 | 8 | 0.3 | 18.5579 | 19.8473 |
| 9 | 8 | 0.4 | 23.8993 | 24.7051 |
| 9 | 9 | 0.2 | 13.1937 | 14.6626 |
| 9 | 9 | 0.3 | 19.2221 | 20.2659 |
| 9 | 9 | 0.4 | 24.3367 | 24.9752 |
| 9 | 10 | 0.1 | 4.43518 | 4.15E+08 |
| 9 | 10 | 0.2 | 13.2162 | 14.5078 |
| 9 | 10 | 0.3 | 19.1071 | 20.0186 |
| 9 | 10 | 0.4 | 24.2979 | 24.8408 |
| 10 | 3 | 0.4 | 28.2862 | 29.6001 |
| 10 | 4 | 0.3 | 22.125 | 26.0546 |
| 10 | 4 | 0.4 | 27.01 | 28.8428 |
| 10 | 5 | 0.2 | 15.9359 | 18.2309 |
| 10 | 5 | 0.3 | 20.2036 | 24.0035 |
| 10 | 5 | 0.4 | 23.9351 | 25.6552 |
| 10 | 6 | 0.2 | 14.6528 | 18.065 |
| 10 | 6 | 0.3 | 19.5569 | 21.577 |
| 10 | 6 | 0.4 | 23.8454 | 25.3447 |
| 10 | 7 | 0.2 | 13.3581 | 16.3677 |
| 10 | 7 | 0.3 | 17.9674 | 20.129 |
| 10 | 7 | 0.4 | 23.3365 | 24.3694 |
| 10 | 8 | 0.2 | 13.397 | 15.3087 |
| 10 | 8 | 0.3 | 18.6163 | 19.8283 |
| 10 | 8 | 0.4 | 23.9348 | 24.7051 |
| 10 | 9 | 0.2 | 13.2501 | 14.5948 |
| 10 | 9 | 0.3 | 19.2914 | 20.2216 |
| 10 | 9 | 0.4 | 24.3752 | 24.9805 |
| 10 | 10 | 0.1 | 4.28564 | 1.07E+09 |
| 10 | 10 | 0.2 | 13.2632 | 14.48 |
| 10 | 10 | 0.3 | 19.1613 | 19.9795 |
| 10 | 10 | 0.4 | 24.3313 | 24.8399 |

J/J*

1.05054
1.92E-08
0.0120468
0.0446219
0.173243
0.329167
0.466938
1.00318
1.01104
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1.01107
1.0111
1.01111
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0.60467
0.834922
0.898578
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0.981507
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1.00698
1.007
1.00702
1.00706
0.303244
0.756609
0.941865
0.968369
0.979771
0.999785
1.00339
0.133535
0.322441
0.625902
0.851022
0.948196
0.979996
0.995659
1.00182
9.01E-09
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0.565265
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0.91091
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1.001

caseI

0.993966
1.00015
1.00014
1.00014
1.00014
1.00014
1.00015
0.127193
0.521062
0.975358
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0.993903
1.00288
1.00289
0.198294
0.735826
0.91561
0.962818
0.98207
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1.00142

caseI

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case1

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case1

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caseI

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caseI

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0.959051
0.979525

casell

| p | d | rmin | J | J* | J/J* |
|---|---|------|---------|----------|-----------|
| 2 | 1 | 1 | 59.458 | 69.2724 | 0.858321 |
| 2 | 2 | 0.5 | 55.964 | 64.9694 | 0.86139 |
| 2 | 2 | 0.6 | 55.9659 | 64.3707 | 0.869431 |
| 2 | 2 | 0.7 | 55.9714 | 63.6059 | 0.879971 |
| 2 | 2 | 0.8 | 55.9827 | 62.8173 | 0.8912 |
| 2 | 2 | 0.9 | 56.0037 | 62.0192 | 0.903006 |
| 2 | 2 | 1 | 56.0338 | 61.3388 | 0.913514 |
| 2 | 3 | 0.4 | 22.2551 | 532.975 | 0.0417564 |
| 2 | 3 | 0.5 | 37.6524 | 118.52 | 0.317688 |
| 2 | 3 | 0.6 | 50.0938 | 67.1326 | 0.746192 |
| 2 | 3 | 0.7 | 54.3713 | 59.1582 | 0.919083 |
| 2 | 3 | 0.8 | 55.6804 | 57.7637 | 0.963934 |
| 2 | 3 | 0.9 | 55.7952 | 56.4711 | 0.988031 |
| 2 | 3 | 1 | 56.0778 | 55.8726 | 1.00367 |
| 3 | 1 | 1 | 60.1105 | 69.2724 | 0.867741 |
| 3 | 2 | 0.5 | 57.6525 | 57.5135 | 1.00242 |
| 3 | 2 | 0.6 | 57.6528 | 57.5086 | 1.00251 |
| 3 | 2 | 0.7 | 57.6538 | 57.5039 | 1.00261 |
| 3 | 2 | 0.8 | 57.6558 | 57.5008 | 1.0027 |
| 3 | 2 | 0.9 | 57.6567 | 57.4977 | 1.00277 |
| 3 | 2 | 1 | 57.6567 | 57.4954 | 1.00281 |
| 3 | 3 | 0.4 | 38.4406 | 253.001 | 0.151939 |
| 3 | 3 | 0.5 | 49.7914 | 81.6971 | 0.609464 |
| 3 | 3 | 0.6 | 53.9413 | 60.5047 | 0.891522 |
| 3 | 3 | 0.7 | 55.5799 | 55.9145 | 0.994016 |
| 3 | 3 | 0.8 | 56.2032 | 54.9953 | 1.02196 |
| 3 | 3 | 0.9 | 56.2319 | 54.9785 | 1.0228 |
| 3 | 3 | 1 | 56.3422 | 54.9342 | 1.02563 |
| 3 | 4 | 0.3 | 24.3113 | 479.366 | 0.0507155 |
| 3 | 4 | 0.4 | 43.8075 | 72.8971 | 0.60095 |
| 3 | 4 | 0.5 | 53.2879 | 63.3341 | 0.841379 |
| 3 | 4 | 0.6 | 55.2517 | 57.1509 | 0.966768 |
| 3 | 4 | 0.7 | 55.6626 | 54.9342 | 1.01326 |
| 3 | 4 | 0.8 | 56.1838 | 53.8728 | 1.0429 |
| 3 | 4 | 0.9 | 56.3952 | 53.674 | 1.0507 |
| 3 | 4 | 1 | 56.4684 | 53.6796 | 1.05195 |
| 3 | 5 | 0.2 | 7.38468 | 8.41E+08 | 8.79E-09 |
| 3 | 5 | 0.3 | 27.6064 | 169.131 | 0.163225 |
| 3 | 5 | 0.4 | 43.6381 | 70.2178 | 0.621467 |
| 3 | 5 | 0.5 | 51.974 | 56.6637 | 0.917236 |
| 3 | 5 | 0.6 | 55.3848 | 55.1039 | 1.0051 |
| 3 | 5 | 0.7 | 55.8743 | 54.0504 | 1.03375 |
| 3 | 5 | 0.8 | 56.0975 | 53.4147 | 1.05022 |
| 3 | 5 | 0.9 | 56.4123 | 53.1735 | 1.06091 |
| 3 | 5 | 1 | 56.5181 | 53.155 | 1.06327 |
| 4 | 1 | 1 | 55.2655 | 69.2724 | 0.797799 |
| 4 | 2 | 0.5 | 54.4473 | 57.4879 | 0.947109 |
| 4 | 2 | 0.6 | 54.4476 | 57.4863 | 0.94714 |
| 4 | 2 | 0.7 | 54.4482 | 57.4846 | 0.94718 |
| 4 | 2 | 0.8 | 54.449 | 57.4841 | 0.947201 |
| 4 | 2 | 0.9 | 54.4506 | 57.4852 | 0.947211 |
| 4 | 2 | 1 | 54.451 | 57.4864 | 0.947197 |

| casell | | | | | |
|--------|---|-----|---------|----------|------------|
| 4 | 3 | 0.4 | 32.4511 | 288.905 | 0.112325 |
| 4 | 3 | 0.5 | 46.0209 | 96.145 | 0.478661 |
| 4 | 3 | 0.6 | 54.2467 | 54.6279 | 0.993022 |
| 4 | 3 | 0.7 | 54.2458 | 54.6239 | 0.993078 |
| 4 | 3 | 0.8 | 54.2413 | 54.6555 | 0.992421 |
| 4 | 3 | 0.9 | 54.288 | 54.5187 | 0.995767 |
| 4 | 3 | 1 | 54.309 | 54.5243 | 0.996051 |
| 4 | 4 | 0.3 | 31.1711 | 333.728 | 0.0934027 |
| 4 | 4 | 0.4 | 47.207 | 72.5533 | 0.650652 |
| 4 | 4 | 0.5 | 52.9983 | 54.5098 | 0.972271 |
| 4 | 4 | 0.6 | 53.2127 | 54.1803 | 0.98214 |
| 4 | 4 | 0.7 | 53.7665 | 53.6289 | 1.00257 |
| 4 | 4 | 0.8 | 53.704 | 53.7062 | 0.999958 |
| 4 | 4 | 0.9 | 53.9447 | 53.5017 | 1.00828 |
| 4 | 4 | 1 | 54.0161 | 53.4549 | 1.0105 |
| 4 | 5 | 0.2 | 10.4905 | 6.39E+08 | 1.64E-08 |
| 4 | 5 | 0.3 | 37.4417 | 104.203 | 0.359316 |
| 4 | 5 | 0.4 | 50.2237 | 64.4517 | 0.779245 |
| 4 | 5 | 0.5 | 52.923 | 55.8893 | 0.946924 |
| 4 | 5 | 0.6 | 53.5076 | 53.1409 | 1.0069 |
| 4 | 5 | 0.7 | 53.8282 | 52.9737 | 1.01613 |
| 4 | 5 | 0.8 | 53.9821 | 52.9641 | 1.01922 |
| 4 | 5 | 0.9 | 53.9831 | 52.9461 | 1.01959 |
| 4 | 5 | 1 | 54.0435 | 52.9336 | 1.02097 |
| 4 | 6 | 0.2 | 16.818 | 1694.85 | 0.00992302 |
| 4 | 6 | 0.3 | 42.3047 | 101.451 | 0.416996 |
| 4 | 6 | 0.4 | 51.9873 | 55.2013 | 0.941777 |
| 4 | 6 | 0.5 | 53.3114 | 53.477 | 0.996904 |
| 4 | 6 | 0.6 | 53.5832 | 52.9386 | 1.01218 |
| 4 | 6 | 0.7 | 53.7006 | 52.7817 | 1.01741 |
| 4 | 6 | 0.8 | 54.0002 | 52.6825 | 1.02501 |
| 4 | 6 | 0.9 | 53.9606 | 52.7024 | 1.02388 |
| 4 | 6 | 1 | 54.0492 | 52.6728 | 1.02613 |
| 5 | 1 | 1 | 69.2724 | 69.2724 | 1 |
| 5 | 2 | 0.5 | 53.9634 | 57.5163 | 0.938228 |
| 5 | 2 | 0.6 | 53.9636 | 57.5189 | 0.938188 |
| 5 | 2 | 0.7 | 53.9634 | 57.5184 | 0.938194 |
| 5 | 2 | 0.8 | 53.9635 | 57.5204 | 0.938162 |
| 5 | 2 | 0.9 | 53.9635 | 57.5227 | 0.938126 |
| 5 | 2 | 1 | 53.9637 | 57.526 | 0.938075 |
| 5 | 3 | 0.4 | 53.8512 | 54.4778 | 0.988499 |
| 5 | 3 | 0.5 | 53.8523 | 54.4729 | 0.988606 |
| 5 | 3 | 0.6 | 53.8551 | 54.4689 | 0.988732 |
| 5 | 3 | 0.7 | 53.8658 | 54.4729 | 0.988855 |
| 5 | 3 | 0.8 | 53.8814 | 54.4899 | 0.988833 |
| 5 | 3 | 0.9 | 53.8797 | 54.4864 | 0.988864 |
| 5 | 3 | 1 | 53.8897 | 54.4984 | 0.988832 |
| 5 | 4 | 0.3 | 34.9334 | 332.447 | 0.10508 |
| 5 | 4 | 0.4 | 49.4864 | 72.6001 | 0.681631 |
| 5 | 4 | 0.5 | 53.4755 | 53.8434 | 0.993167 |
| 5 | 4 | 0.6 | 53.4107 | 54.0967 | 0.987319 |
| 5 | 4 | 0.7 | 53.7514 | 53.403 | 1.00652 |
| 5 | 4 | 0.8 | 53.7692 | 53.3618 | 1.00764 |

| casell | | | | | |
|--------|---|-----|---------|----------|-----------|
| 5 | 4 | 0.9 | 53.8065 | 53.3602 | 1.00836 |
| 5 | 4 | 1 | 53.8103 | 53.3639 | 1.00837 |
| 5 | 5 | 0.2 | 15.3351 | 4.70E+08 | 3.26E-08 |
| 5 | 5 | 0.3 | 42.6137 | 79.8437 | 0.533714 |
| 5 | 5 | 0.4 | 52.7618 | 56.7253 | 0.930129 |
| 5 | 5 | 0.5 | 53.1544 | 53.573 | 0.992185 |
| 5 | 5 | 0.6 | 53.2836 | 53.2384 | 1.00085 |
| 5 | 5 | 0.7 | 53.5308 | 52.9626 | 1.01073 |
| 5 | 5 | 0.8 | 53.6945 | 52.8759 | 1.01548 |
| 5 | 5 | 0.9 | 53.6863 | 52.8544 | 1.01574 |
| 5 | 5 | 1 | 53.7576 | 52.8505 | 1.01716 |
| 5 | 6 | 0.2 | 20.9518 | 481.955 | 0.0434725 |
| 5 | 6 | 0.3 | 48.9406 | 66.2291 | 0.738959 |
| 5 | 6 | 0.4 | 52.4127 | 54.2295 | 0.966498 |
| 5 | 6 | 0.5 | 53.0649 | 53.0483 | 1.00031 |
| 5 | 6 | 0.6 | 53.4593 | 52.6798 | 1.0148 |
| 5 | 6 | 0.7 | 53.5267 | 52.692 | 1.01584 |
| 5 | 6 | 0.8 | 53.6515 | 52.6068 | 1.01986 |
| 5 | 6 | 0.9 | 53.6994 | 52.5924 | 1.02105 |
| 5 | 6 | 1 | 53.7143 | 52.5837 | 1.0215 |
| 5 | 7 | 0.2 | 22.0105 | 256.142 | 0.0859309 |
| 5 | 7 | 0.3 | 44.8875 | 89.5961 | 0.500998 |
| 5 | 7 | 0.4 | 52.6709 | 54.001 | 0.975371 |
| 5 | 7 | 0.5 | 53.3698 | 52.5597 | 1.01541 |
| 5 | 7 | 0.6 | 53.3777 | 52.5666 | 1.01543 |
| 5 | 7 | 0.7 | 53.5428 | 52.5196 | 1.01948 |
| 5 | 7 | 0.8 | 53.6397 | 52.4542 | 1.0226 |
| 5 | 7 | 0.9 | 53.7162 | 52.4374 | 1.02439 |
| 5 | 7 | 1 | 53.7181 | 52.429 | 1.02459 |
| 5 | 8 | 0.2 | 27.3248 | 143.719 | 0.190126 |
| 5 | 8 | 0.3 | 47.7963 | 71.5973 | 0.667572 |
| 5 | 8 | 0.4 | 52.8181 | 53.0722 | 0.995212 |
| 5 | 8 | 0.5 | 53.285 | 52.5062 | 1.01483 |
| 5 | 8 | 0.6 | 53.4175 | 52.4475 | 1.01849 |
| 5 | 8 | 0.7 | 53.5535 | 52.4044 | 1.02193 |
| 5 | 8 | 0.8 | 53.6206 | 52.3556 | 1.02416 |
| 5 | 8 | 0.9 | 53.7196 | 52.3384 | 1.02639 |
| 5 | 8 | 1 | 53.7193 | 52.3283 | 1.02658 |
| 6 | 1 | 1 | 57.1753 | 69.2724 | 0.825369 |
| 6 | 2 | 0.5 | 53.0719 | 57.5967 | 0.92144 |
| 6 | 2 | 0.6 | 53.0721 | 57.6011 | 0.921372 |
| 6 | 2 | 0.7 | 53.0721 | 57.6021 | 0.921358 |
| 6 | 2 | 0.8 | 53.0721 | 57.6053 | 0.921306 |
| 6 | 2 | 0.9 | 53.0722 | 57.6102 | 0.92123 |
| 6 | 2 | 1 | 53.0724 | 57.614 | 0.921171 |
| 6 | 3 | 0.4 | 53.0133 | 54.4923 | 0.972858 |
| 6 | 3 | 0.5 | 53.0142 | 54.4933 | 0.972857 |
| 6 | 3 | 0.6 | 53.0163 | 54.4964 | 0.97284 |
| 6 | 3 | 0.7 | 53.0235 | 54.5093 | 0.972742 |
| 6 | 3 | 0.8 | 53.0331 | 54.5274 | 0.972594 |
| 6 | 3 | 0.9 | 53.0354 | 54.5311 | 0.972571 |
| 6 | 3 | 1 | 53.0414 | 54.541 | 0.972505 |
| 6 | 4 | 0.3 | 52.9729 | 53.3562 | 0.992818 |

| casell | | | | | |
|--------|---|-----|---------|----------|-----------|
| 6 | 4 | 0.4 | 52.9762 | 53.3474 | 0.99304 |
| 6 | 4 | 0.5 | 52.9956 | 53.3619 | 0.993136 |
| 6 | 4 | 0.6 | 52.9974 | 53.3636 | 0.993137 |
| 6 | 4 | 0.7 | 53.0093 | 53.3797 | 0.993062 |
| 6 | 4 | 0.8 | 53.0125 | 53.3824 | 0.99307 |
| 6 | 4 | 0.9 | 53.0176 | 53.3885 | 0.993052 |
| 6 | 4 | 1 | 53.0268 | 53.3996 | 0.993018 |
| 6 | 5 | 0.2 | 7.95853 | 7.75E+08 | 1.03E-08 |
| 6 | 5 | 0.3 | 40.2385 | 81.6077 | 0.493073 |
| 6 | 5 | 0.4 | 52.9336 | 52.8446 | 1.00168 |
| 6 | 5 | 0.5 | 52.9379 | 52.8318 | 1.00201 |
| 6 | 5 | 0.6 | 52.9638 | 52.8384 | 1.00237 |
| 6 | 5 | 0.7 | 52.9776 | 52.8386 | 1.00263 |
| 6 | 5 | 0.8 | 52.9974 | 52.8513 | 1.00276 |
| 6 | 5 | 0.9 | 52.9944 | 52.8483 | 1.00276 |
| 6 | 5 | 1 | 53.0098 | 52.8588 | 1.00286 |
| 6 | 6 | 0.2 | 22.9007 | 250.671 | 0.0913577 |
| 6 | 6 | 0.3 | 49.5363 | 64.1305 | 0.77243 |
| 6 | 6 | 0.4 | 52.0868 | 53.9157 | 0.966078 |
| 6 | 6 | 0.5 | 52.4678 | 53.0564 | 0.988906 |
| 6 | 6 | 0.6 | 52.8887 | 52.5581 | 1.00629 |
| 6 | 6 | 0.7 | 52.9524 | 52.5604 | 1.00746 |
| 6 | 6 | 0.8 | 52.9822 | 52.5624 | 1.00799 |
| 6 | 6 | 0.9 | 52.9889 | 52.564 | 1.00808 |
| 6 | 6 | 1 | 52.9882 | 52.5616 | 1.00812 |
| 6 | 7 | 0.2 | 29.9001 | 163.073 | 0.183354 |
| 6 | 7 | 0.3 | 47.4901 | 67.1889 | 0.706815 |
| 6 | 7 | 0.4 | 52.3053 | 53.2094 | 0.98301 |
| 6 | 7 | 0.5 | 52.7815 | 52.441 | 1.00649 |
| 6 | 7 | 0.6 | 52.7927 | 52.4426 | 1.00667 |
| 6 | 7 | 0.7 | 52.9332 | 52.3974 | 1.01023 |
| 6 | 7 | 0.8 | 52.9605 | 52.3891 | 1.01091 |
| 6 | 7 | 0.9 | 52.9773 | 52.3917 | 1.01118 |
| 6 | 7 | 1 | 52.9852 | 52.3903 | 1.01135 |
| 6 | 8 | 0.2 | 31.2937 | 134.215 | 0.233161 |
| 6 | 8 | 0.3 | 48.3945 | 68.3462 | 0.708078 |
| 6 | 8 | 0.4 | 52.2874 | 52.897 | 0.988477 |
| 6 | 8 | 0.5 | 52.7614 | 52.3416 | 1.00802 |
| 6 | 8 | 0.6 | 52.8212 | 52.3103 | 1.00977 |
| 6 | 8 | 0.7 | 52.921 | 52.2904 | 1.01206 |
| 6 | 8 | 0.8 | 52.9504 | 52.2818 | 1.01279 |
| 6 | 8 | 0.9 | 52.9749 | 52.2824 | 1.01325 |
| 6 | 8 | 1 | 52.9797 | 52.2789 | 1.01341 |
| 6 | 9 | 0.2 | 34.3273 | 136.447 | 0.25158 |
| 6 | 9 | 0.3 | 51.1309 | 57.3107 | 0.89217 |
| 6 | 9 | 0.4 | 52.759 | 52.2693 | 1.00937 |
| 6 | 9 | 0.5 | 52.7979 | 52.2489 | 1.01051 |
| 7 | 2 | 0.5 | 52.9158 | 57.6552 | 0.917797 |
| 7 | 3 | 0.4 | 52.8387 | 54.5195 | 0.969171 |
| 7 | 3 | 0.5 | 52.8399 | 54.5254 | 0.969088 |
| 7 | 4 | 0.3 | 52.7928 | 53.3572 | 0.989423 |
| 7 | 4 | 0.4 | 52.7963 | 53.3515 | 0.989592 |
| 7 | 4 | 0.5 | 52.8105 | 53.361 | 0.989682 |

| casell | | | | | |
|--------|----|-----|---------|----------|-----------|
| 7 | 5 | 0.2 | 23.6515 | 3.46E+08 | 6.84E-08 |
| 7 | 5 | 0.3 | 52.7602 | 52.8419 | 0.998455 |
| 7 | 5 | 0.4 | 52.7796 | 52.8243 | 0.999155 |
| 7 | 5 | 0.5 | 52.7831 | 52.8217 | 0.99927 |
| 7 | 6 | 0.2 | 24.4677 | 256.003 | 0.0955762 |
| 7 | 6 | 0.3 | 52.7369 | 52.5514 | 1.00353 |
| 7 | 6 | 0.4 | 52.7463 | 52.5406 | 1.00392 |
| 7 | 6 | 0.5 | 52.7587 | 52.5416 | 1.00413 |
| 7 | 7 | 0.2 | 31.5783 | 121.525 | 0.259851 |
| 7 | 7 | 0.3 | 51.1603 | 55.3614 | 0.924114 |
| 7 | 7 | 0.4 | 52.1698 | 53.1091 | 0.982313 |
| 7 | 7 | 0.5 | 52.7452 | 52.3789 | 1.00699 |
| 7 | 8 | 0.2 | 38.4315 | 119.026 | 0.322884 |
| 7 | 8 | 0.3 | 51.1683 | 55.7096 | 0.918483 |
| 7 | 8 | 0.4 | 52.2303 | 52.7961 | 0.989284 |
| 7 | 8 | 0.5 | 52.6503 | 52.3001 | 1.0067 |
| 7 | 9 | 0.2 | 39.27 | 104.811 | 0.374674 |
| 7 | 9 | 0.3 | 51.9517 | 54.2414 | 0.957786 |
| 7 | 9 | 0.4 | 52.6324 | 52.2352 | 1.0076 |
| 7 | 9 | 0.5 | 52.7192 | 52.2117 | 1.00972 |
| 7 | 10 | 0.1 | 5.81862 | 7.71E+08 | 7.55E-09 |
| 7 | 10 | 0.2 | 36.2899 | 135.657 | 0.267513 |
| 7 | 10 | 0.3 | 52.1346 | 52.861 | 0.986257 |
| 7 | 10 | 0.4 | 52.6195 | 52.1885 | 1.00826 |
| 7 | 10 | 0.5 | 52.6651 | 52.1666 | 1.00956 |
| 8 | 2 | 0.5 | 52.5406 | 57.6935 | 0.910684 |
| 8 | 3 | 0.4 | 52.5156 | 54.5612 | 0.962509 |
| 8 | 3 | 0.5 | 52.5163 | 54.5681 | 0.962401 |
| 8 | 4 | 0.3 | 52.4919 | 53.3674 | 0.983595 |
| 8 | 4 | 0.4 | 52.493 | 53.37 | 0.983567 |
| 8 | 4 | 0.5 | 52.4998 | 53.3863 | 0.983394 |
| 8 | 5 | 0.2 | 31.7568 | 1148.85 | 0.0276421 |
| 8 | 5 | 0.3 | 52.4677 | 52.8226 | 0.993281 |
| 8 | 5 | 0.4 | 52.4814 | 52.8247 | 0.993502 |
| 8 | 5 | 0.5 | 52.4846 | 52.828 | 0.993499 |
| 8 | 6 | 0.2 | 33.0459 | 268.728 | 0.122972 |
| 8 | 6 | 0.3 | 52.4577 | 52.5285 | 0.998651 |
| 8 | 6 | 0.4 | 52.4681 | 52.5311 | 0.998802 |
| 8 | 6 | 0.5 | 52.4726 | 52.5322 | 0.998866 |
| 8 | 7 | 0.2 | 34.8652 | 106.179 | 0.328361 |
| 8 | 7 | 0.3 | 52.4441 | 52.3608 | 1.00159 |
| 8 | 7 | 0.4 | 52.4524 | 52.3563 | 1.00184 |
| 8 | 7 | 0.5 | 52.4654 | 52.3596 | 1.00202 |
| 8 | 8 | 0.2 | 44.7119 | 72.2357 | 0.618973 |
| 8 | 8 | 0.3 | 52.43 | 52.2532 | 1.00338 |
| 8 | 8 | 0.4 | 52.4266 | 52.251 | 1.00336 |
| 8 | 8 | 0.5 | 52.4569 | 52.2496 | 1.00397 |
| 8 | 9 | 0.2 | 45.3203 | 70.5444 | 0.642437 |
| 8 | 9 | 0.3 | 52.4153 | 52.1814 | 1.00448 |
| 8 | 9 | 0.4 | 52.4296 | 52.1755 | 1.00487 |
| 8 | 9 | 0.5 | 52.4547 | 52.1767 | 1.00533 |
| 8 | 10 | 0.1 | 6.34472 | 8.03E+08 | 7.91E-09 |
| 8 | 10 | 0.2 | 43.9686 | 80.5025 | 0.546176 |

| casell | | | | | |
|--------|----|-----|---------|-----------|-----------|
| 8 | 10 | 0.3 | 51.9139 | 52.6927 | 0.98522 |
| 8 | 10 | 0.4 | 52.4049 | 52.1304 | 1.00527 |
| 8 | 10 | 0.5 | 52.4482 | 52.1258 | 1.00618 |
| 9 | 2 | 0.5 | 52.4838 | 57.7093 | 0.909451 |
| 9 | 3 | 0.4 | 52.4269 | 54.5836 | 0.960489 |
| 9 | 3 | 0.5 | 52.4276 | 54.5911 | 0.960369 |
| 9 | 4 | 0.3 | 52.4103 | 53.3844 | 0.981753 |
| 9 | 4 | 0.4 | 52.4114 | 53.3893 | 0.981683 |
| 9 | 4 | 0.5 | 52.4158 | 53.404 | 0.981495 |
| 9 | 5 | 0.2 | 52.3912 | 52.8253 | 0.991783 |
| 9 | 5 | 0.3 | 52.3924 | 52.8229 | 0.99185 |
| 9 | 5 | 0.4 | 52.3978 | 52.8313 | 0.991794 |
| 9 | 5 | 0.5 | 52.4007 | 52.8352 | 0.991776 |
| 9 | 6 | 0.2 | 35.1758 | 271.712 | 0.12946 |
| 9 | 6 | 0.3 | 52.3811 | 52.525 | 0.997259 |
| 9 | 6 | 0.4 | 52.3901 | 52.5324 | 0.997291 |
| 9 | 6 | 0.5 | 52.3915 | 52.5347 | 0.997276 |
| 9 | 7 | 0.2 | 39.0253 | 111.183 | 0.351002 |
| 9 | 7 | 0.3 | 52.3718 | 52.3525 | 1.00037 |
| 9 | 7 | 0.4 | 52.3802 | 52.3534 | 1.00051 |
| 9 | 7 | 0.5 | 52.3873 | 52.3577 | 1.00057 |
| 9 | 8 | 0.2 | 52.344 | 52.2611 | 1.00159 |
| 9 | 8 | 0.3 | 52.3615 | 52.242 | 1.00229 |
| 9 | 8 | 0.4 | 52.3708 | 52.2406 | 1.00249 |
| 9 | 8 | 0.5 | 52.3813 | 52.2443 | 1.00262 |
| 9 | 9 | 0.2 | 52.3376 | 52.1839 | 1.00295 |
| 9 | 9 | 0.3 | 52.3513 | 52.1684 | 1.00351 |
| 9 | 9 | 0.4 | 52.364 | 52.1653 | 1.00381 |
| 9 | 9 | 0.5 | 52.3795 | 52.1693 | 1.00403 |
| 9 | 10 | 0.1 | 6.76464 | -8.76E+08 | -7.72E-09 |
| 9 | 10 | 0.2 | 48.3536 | 59.1838 | 0.817007 |
| 9 | 10 | 0.3 | 52.336 | 52.121 | 1.00413 |
| 9 | 10 | 0.4 | 52.3574 | 52.1134 | 1.00468 |
| 9 | 10 | 0.5 | 52.375 | 52.116 | 1.00497 |
| 10 | 2 | 0.5 | 52.2869 | 57.7317 | 0.905689 |
| 10 | 3 | 0.4 | 52.269 | 54.6104 | 0.957126 |
| 10 | 3 | 0.5 | 52.2695 | 54.6176 | 0.957008 |
| 10 | 4 | 0.3 | 52.2601 | 53.4068 | 0.978529 |
| 10 | 4 | 0.4 | 52.2608 | 53.4115 | 0.978456 |
| 10 | 4 | 0.5 | 52.2636 | 53.4251 | 0.978259 |
| 10 | 5 | 0.2 | 52.2494 | 52.8319 | 0.988973 |
| 10 | 5 | 0.3 | 52.2499 | 52.8372 | 0.988884 |
| 10 | 5 | 0.4 | 52.2526 | 52.846 | 0.98877 |
| 10 | 5 | 0.5 | 52.2556 | 52.8543 | 0.988673 |
| 10 | 6 | 0.2 | 52.2375 | 52.5283 | 0.994463 |
| 10 | 6 | 0.3 | 52.2405 | 52.5307 | 0.994475 |
| 10 | 6 | 0.4 | 52.2467 | 52.5391 | 0.994433 |
| 10 | 6 | 0.5 | 52.2502 | 52.546 | 0.994372 |
| 10 | 7 | 0.2 | 42.0902 | 101.06 | 0.416489 |
| 10 | 7 | 0.3 | 52.236 | 52.3517 | 0.997792 |
| 10 | 7 | 0.4 | 52.2413 | 52.3564 | 0.997801 |
| 10 | 7 | 0.5 | 52.2457 | 52.3614 | 0.99779 |
| 10 | 8 | 0.2 | 52.2172 | 52.2379 | 0.999605 |

| casell | | | | | |
|--------|----|-----|---------|----------|----------|
| 10 | 8 | 0.3 | 52.2303 | 52.2361 | 0.999888 |
| 10 | 8 | 0.4 | 52.2375 | 52.2403 | 0.999945 |
| 10 | 8 | 0.5 | 52.242 | 52.2435 | 0.99997 |
| 10 | 9 | 0.2 | 52.2125 | 52.1617 | 1.00097 |
| 10 | 9 | 0.3 | 52.2244 | 52.1587 | 1.00126 |
| 10 | 9 | 0.4 | 52.2327 | 52.1609 | 1.00138 |
| 10 | 9 | 0.5 | 52.2408 | 52.1651 | 1.00145 |
| 10 | 10 | 0.1 | 7.40488 | 7.48E+08 | 9.90E-09 |
| 10 | 10 | 0.2 | 52.2054 | 52.1132 | 1.00177 |
| 10 | 10 | 0.3 | 52.2162 | 52.105 | 1.00213 |
| 10 | 10 | 0.4 | 52.2283 | 52.1055 | 1.00236 |
| 10 | 10 | 0.5 | 52.2383 | 52.1088 | 1.00249 |

caseIII

| p | d | rmin | J | J* | J/J* |
|---|---|------|---------|----------|-----------|
| 2 | 2 | 0.5 | 53.5881 | 1.14E+09 | 4.70E-08 |
| 2 | 2 | 0.6 | 107.062 | 235.138 | 0.455316 |
| 2 | 2 | 0.7 | 118.839 | 125.89 | 0.943991 |
| 2 | 2 | 0.8 | 122.526 | 112.086 | 1.09315 |
| 2 | 2 | 0.9 | 124.264 | 107.813 | 1.15258 |
| 2 | 2 | 1 | 125.255 | 106.026 | 1.18136 |
| 2 | 3 | 0.4 | 59.0007 | 149.159 | 0.395556 |
| 2 | 3 | 0.5 | 82.2338 | 138.45 | 0.593961 |
| 2 | 3 | 0.6 | 104.445 | 106.352 | 0.982072 |
| 2 | 3 | 0.7 | 114.791 | 101.457 | 1.13142 |
| 2 | 3 | 0.8 | 118.694 | 100.448 | 1.18165 |
| 2 | 3 | 0.9 | 121.697 | 99.8637 | 1.21863 |
| 2 | 3 | 1 | 123.091 | 99.7639 | 1.23383 |
| 3 | 2 | 0.5 | 104.025 | 104.867 | 0.991967 |
| 3 | 2 | 0.6 | 104.025 | 104.842 | 0.992209 |
| 3 | 2 | 0.7 | 104.025 | 104.798 | 0.99263 |
| 3 | 2 | 0.8 | 104.027 | 104.76 | 0.993001 |
| 3 | 2 | 0.9 | 104.029 | 104.723 | 0.993365 |
| 3 | 2 | 1 | 104.034 | 104.659 | 0.994025 |
| 3 | 3 | 0.4 | 82.0728 | 163.859 | 0.500875 |
| 3 | 3 | 0.5 | 91.4746 | 102.645 | 0.891176 |
| 3 | 3 | 0.6 | 96.7114 | 100.861 | 0.958855 |
| 3 | 3 | 0.7 | 99.6318 | 101.139 | 0.985098 |
| 3 | 3 | 0.8 | 100.888 | 100.378 | 1.00508 |
| 3 | 3 | 0.9 | 102.23 | 99.713 | 1.02524 |
| 3 | 3 | 1 | 102.896 | 99.5146 | 1.03398 |
| 3 | 4 | 0.3 | 43.5799 | 958.591 | 0.0454625 |
| 3 | 4 | 0.4 | 85.2404 | 132.954 | 0.641127 |
| 3 | 4 | 0.5 | 94.2861 | 102.165 | 0.922884 |
| 3 | 4 | 0.6 | 96.2608 | 100.65 | 0.956396 |
| 3 | 4 | 0.7 | 98.8387 | 98.9872 | 0.998499 |
| 3 | 4 | 0.8 | 101.041 | 98.6484 | 1.02426 |
| 3 | 4 | 0.9 | 102.018 | 98.1203 | 1.03972 |
| 3 | 4 | 1 | 102.61 | 98.01 | 1.04693 |
| 3 | 5 | 0.2 | 12.1535 | 9.14E+08 | 1.33E-08 |
| 3 | 5 | 0.3 | 55.8079 | 571.238 | 0.0976964 |
| 3 | 5 | 0.4 | 83.1664 | 130.381 | 0.637871 |
| 3 | 5 | 0.5 | 94.9269 | 103.676 | 0.915608 |
| 3 | 5 | 0.6 | 97.7532 | 100.276 | 0.974845 |
| 3 | 5 | 0.7 | 99.4143 | 98.6304 | 1.00795 |
| 3 | 5 | 0.8 | 101.263 | 98.2473 | 1.03069 |
| 3 | 5 | 0.9 | 102.322 | 97.7177 | 1.04712 |
| 3 | 5 | 1 | 102.954 | 97.5106 | 1.05583 |
| 4 | 2 | 0.5 | 99.4023 | 104.657 | 0.949795 |
| 4 | 2 | 0.6 | 99.4024 | 104.663 | 0.94974 |
| 4 | 2 | 0.7 | 99.4029 | 104.676 | 0.949624 |
| 4 | 2 | 0.8 | 99.4034 | 104.687 | 0.949531 |
| 4 | 2 | 0.9 | 99.4041 | 104.697 | 0.949445 |
| 4 | 2 | 1 | 99.4054 | 104.713 | 0.94931 |
| 4 | 3 | 0.4 | 91.5653 | 98.8056 | 0.926721 |
| 4 | 3 | 0.5 | 94.606 | 102.7 | 0.921191 |
| 4 | 3 | 0.6 | 96.8786 | 100.345 | 0.965459 |

| caseIII | | | | | |
|---------|---|-----|---------|----------|-----------|
| 4 | 3 | 0.7 | 98.1073 | 99.7093 | 0.983934 |
| 4 | 3 | 0.8 | 98.5698 | 99.4898 | 0.990752 |
| 4 | 3 | 0.9 | 98.8225 | 99.3053 | 0.995138 |
| 4 | 3 | 1 | 98.986 | 99.3012 | 0.996825 |
| 4 | 4 | 0.3 | 54.573 | 496.92 | 0.109823 |
| 4 | 4 | 0.4 | 85.7719 | 115.713 | 0.74125 |
| 4 | 4 | 0.5 | 96.9199 | 100.761 | 0.961874 |
| 4 | 4 | 0.6 | 96.6742 | 100.161 | 0.965184 |
| 4 | 4 | 0.7 | 97.5861 | 98.4313 | 0.991413 |
| 4 | 4 | 0.8 | 98.266 | 97.9829 | 1.00289 |
| 4 | 4 | 0.9 | 98.4608 | 97.9015 | 1.00571 |
| 4 | 4 | 1 | 98.7476 | 97.887 | 1.00879 |
| 4 | 5 | 0.2 | 16.8085 | 1.34E+09 | 1.26E-08 |
| 4 | 5 | 0.3 | 60.8167 | 187.468 | 0.324412 |
| 4 | 5 | 0.4 | 87.9017 | 111.315 | 0.789663 |
| 4 | 5 | 0.5 | 95.8893 | 98.6971 | 0.971552 |
| 4 | 5 | 0.6 | 97.5153 | 98.7004 | 0.987993 |
| 4 | 5 | 0.7 | 98.0207 | 97.8929 | 1.00131 |
| 4 | 5 | 0.8 | 98.3793 | 97.5257 | 1.00875 |
| 4 | 5 | 0.9 | 98.672 | 97.3955 | 1.01311 |
| 4 | 5 | 1 | 98.8792 | 97.3595 | 1.01561 |
| 4 | 6 | 0.2 | 29.6661 | 725.159 | 0.0409097 |
| 4 | 6 | 0.3 | 69.2795 | 231.177 | 0.299682 |
| 4 | 6 | 0.4 | 91.0672 | 101.32 | 0.898804 |
| 4 | 6 | 0.5 | 96.7746 | 98.0249 | 0.987245 |
| 4 | 6 | 0.6 | 97.6632 | 97.7049 | 0.999573 |
| 4 | 6 | 0.7 | 98.0159 | 97.5616 | 1.00466 |
| 4 | 6 | 0.8 | 98.4717 | 97.2929 | 1.01212 |
| 4 | 6 | 0.9 | 98.7262 | 97.1466 | 1.01626 |
| 4 | 6 | 1 | 98.8868 | 97.0775 | 1.01864 |
| 5 | 2 | 0.5 | 98.6878 | 105.126 | 0.93876 |
| 5 | 2 | 0.6 | 98.6878 | 105.136 | 0.938666 |
| 5 | 2 | 0.7 | 98.6882 | 105.163 | 0.93843 |
| 5 | 2 | 0.8 | 98.6888 | 105.184 | 0.938248 |
| 5 | 2 | 0.9 | 98.6895 | 105.204 | 0.93808 |
| 5 | 2 | 1 | 98.6905 | 105.225 | 0.937899 |
| 5 | 3 | 0.4 | 93.6304 | 97.1215 | 0.964055 |
| 5 | 3 | 0.5 | 97.3233 | 99.8436 | 0.974758 |
| 5 | 3 | 0.6 | 98.0345 | 99.3721 | 0.98654 |
| 5 | 3 | 0.7 | 98.2529 | 99.2367 | 0.990086 |
| 5 | 3 | 0.8 | 98.3476 | 99.2727 | 0.990681 |
| 5 | 3 | 0.9 | 98.3738 | 99.2926 | 0.990747 |
| 5 | 3 | 1 | 98.3951 | 99.3124 | 0.990764 |
| 5 | 4 | 0.3 | 58.9923 | 443.867 | 0.132905 |
| 5 | 4 | 0.4 | 87.9516 | 114.815 | 0.76603 |
| 5 | 4 | 0.5 | 97.3332 | 100.658 | 0.966966 |
| 5 | 4 | 0.6 | 97.8045 | 98.7198 | 0.990728 |
| 5 | 4 | 0.7 | 97.8315 | 98.2769 | 0.995468 |
| 5 | 4 | 0.8 | 98.0397 | 97.9371 | 1.00105 |
| 5 | 4 | 0.9 | 98.1541 | 97.8969 | 1.00263 |
| 5 | 4 | 1 | 98.2919 | 97.8918 | 1.00409 |
| 5 | 5 | 0.2 | 32.9697 | 5.45E+08 | 6.05E-08 |
| 5 | 5 | 0.3 | 76.2219 | 126.787 | 0.601183 |

| caseIII | | | | | |
|---------|---|-----|---------|---------|-----------|
| 5 | 5 | 0.4 | 90.4735 | 106.185 | 0.852038 |
| 5 | 5 | 0.5 | 96.0963 | 98.72 | 0.973423 |
| 5 | 5 | 0.6 | 97.3116 | 98.2532 | 0.990417 |
| 5 | 5 | 0.7 | 97.7077 | 97.5792 | 1.00132 |
| 5 | 5 | 0.8 | 98.0277 | 97.3859 | 1.00659 |
| 5 | 5 | 0.9 | 98.1865 | 97.3453 | 1.00864 |
| 5 | 5 | 1 | 98.2959 | 97.3393 | 1.00983 |
| 5 | 6 | 0.2 | 42.9702 | 688.009 | 0.0624558 |
| 5 | 6 | 0.3 | 78.7495 | 183.983 | 0.428026 |
| 5 | 6 | 0.4 | 92.4194 | 102.25 | 0.903861 |
| 5 | 6 | 0.5 | 96.7108 | 97.6441 | 0.990442 |
| 5 | 6 | 0.6 | 97.5019 | 97.4229 | 1.00081 |
| 5 | 6 | 0.7 | 97.542 | 97.3408 | 1.00207 |
| 5 | 6 | 0.8 | 97.9931 | 97.1227 | 1.00896 |
| 5 | 6 | 0.9 | 98.199 | 97.0763 | 1.01156 |
| 5 | 6 | 1 | 98.3043 | 97.0493 | 1.01293 |
| 5 | 7 | 0.2 | 41.2307 | 583.701 | 0.0706366 |
| 5 | 7 | 0.3 | 80.7437 | 303.21 | 0.266296 |
| 5 | 7 | 0.4 | 94.3552 | 99.82 | 0.945253 |
| 5 | 7 | 0.5 | 97.2017 | 97.4801 | 0.997145 |
| 5 | 7 | 0.6 | 97.4755 | 97.1656 | 1.00319 |
| 5 | 7 | 0.7 | 97.7209 | 97.1578 | 1.0058 |
| 5 | 7 | 0.8 | 97.9971 | 96.9798 | 1.01049 |
| 5 | 7 | 0.9 | 98.1716 | 96.9281 | 1.01283 |
| 5 | 7 | 1 | 98.3001 | 96.8824 | 1.01463 |
| 5 | 8 | 0.2 | 56.2715 | 282.772 | 0.198999 |
| 5 | 8 | 0.3 | 87.8327 | 113.651 | 0.772825 |
| 5 | 8 | 0.4 | 94.594 | 100.479 | 0.941433 |
| 5 | 8 | 0.5 | 97.3408 | 97.2826 | 1.0006 |
| 5 | 8 | 0.6 | 97.6594 | 97.0757 | 1.00601 |
| 5 | 8 | 0.7 | 97.8236 | 97.0952 | 1.0075 |
| 5 | 8 | 0.8 | 98.0022 | 96.8871 | 1.01151 |
| 5 | 8 | 0.9 | 98.1613 | 96.835 | 1.0137 |
| 5 | 8 | 1 | 98.2886 | 96.7796 | 1.01559 |

caseIII

| | | | | | |
|---|----|-----|---------|----------|----------|
| 7 | 2 | 0.5 | 97.4374 | 105.703 | 0.921807 |
| 7 | 3 | 0.4 | 97.3126 | 99.3761 | 0.979235 |
| 7 | 3 | 0.5 | 97.3143 | 99.3997 | 0.97902 |
| 7 | 4 | 0.3 | 85.9479 | 128.891 | 0.666829 |
| 7 | 4 | 0.4 | 94.5895 | 100.469 | 0.941477 |
| 7 | 4 | 0.5 | 97.2727 | 97.9008 | 0.993585 |
| 7 | 5 | 0.2 | 42.631 | 5.45E+08 | 7.83E-08 |
| 7 | 5 | 0.3 | 86.1136 | 118.187 | 0.728619 |
| 7 | 5 | 0.4 | 95.1311 | 101.177 | 0.940246 |
| 7 | 5 | 0.5 | 96.8498 | 97.8131 | 0.990151 |
| 7 | 6 | 0.2 | 42.9578 | 319.027 | 0.134652 |
| 7 | 6 | 0.3 | 93.6802 | 101.731 | 0.920864 |
| 7 | 6 | 0.4 | 96.0832 | 99.4316 | 0.966325 |
| 7 | 6 | 0.5 | 96.4138 | 97.3911 | 0.989966 |
| 7 | 7 | 0.2 | 56.846 | 181.465 | 0.313261 |
| 7 | 7 | 0.3 | 92.0062 | 107.399 | 0.856678 |
| 7 | 7 | 0.4 | 96.22 | 97.3832 | 0.988055 |
| 7 | 7 | 0.5 | 96.964 | 96.9268 | 1.00038 |
| 7 | 8 | 0.2 | 66.8993 | 167.948 | 0.398334 |
| 7 | 8 | 0.3 | 91.9494 | 100.755 | 0.912606 |
| 7 | 8 | 0.4 | 96.4497 | 96.8128 | 0.99625 |
| 7 | 8 | 0.5 | 96.8537 | 96.8284 | 1.00026 |
| 7 | 9 | 0.2 | 68.2142 | 196.361 | 0.347392 |
| 7 | 9 | 0.3 | 93.9141 | 99.6379 | 0.942554 |
| 7 | 9 | 0.4 | 96.6557 | 96.7957 | 0.998554 |
| 7 | 9 | 0.5 | 96.9838 | 96.7302 | 1.00262 |
| 7 | 10 | 0.1 | 10.5096 | 1.47E+09 | 7.14E-09 |
| 7 | 10 | 0.2 | 61.3553 | 198.249 | 0.309486 |
| 7 | 10 | 0.3 | 93.6041 | 98.3652 | 0.951598 |
| 7 | 10 | 0.4 | 96.7539 | 96.6603 | 1.00097 |
| 7 | 10 | 0.5 | 96.9452 | 96.7 | 1.00253 |
| 8 | 2 | 0.5 | 97.0238 | 105.88 | 0.916354 |
| 8 | 3 | 0.4 | 96.9825 | 99.5202 | 0.974501 |
| 8 | 3 | 0.5 | 96.9841 | 99.5485 | 0.97424 |
| 8 | 4 | 0.3 | 91.4725 | 114.786 | 0.796898 |
| 8 | 4 | 0.4 | 96.9594 | 97.9303 | 0.990085 |
| 8 | 4 | 0.5 | 96.9632 | 97.948 | 0.989946 |
| 8 | 5 | 0.2 | 44.1006 | 5.45E+08 | 8.10E-08 |
| 8 | 5 | 0.3 | 87.2731 | 116.901 | 0.746557 |
| 8 | 5 | 0.4 | 95.076 | 101.118 | 0.940247 |
| 8 | 5 | 0.5 | 96.9604 | 97.3315 | 0.996187 |
| 8 | 6 | 0.2 | 52.4938 | 340.784 | 0.154038 |
| 8 | 6 | 0.3 | 94.0429 | 102.233 | 0.919885 |
| 8 | 6 | 0.4 | 95.9998 | 99.4169 | 0.965629 |
| 8 | 6 | 0.5 | 96.5632 | 97.2909 | 0.99252 |
| 8 | 7 | 0.2 | 57.4595 | 136.085 | 0.422233 |
| 8 | 7 | 0.3 | 92.2111 | 107.213 | 0.86007 |

| caseIII | | | | | |
|---------|---|-----|---------|---------|----------|
| 8 | 7 | 0.4 | 96.1976 | 97.2679 | 0.988997 |
| 8 | 7 | 0.5 | 96.87 | 96.8221 | 1.00049 |
| 8 | 8 | 0.2 | 69.9747 | 94.3134 | 0.741938 |
| 8 | 8 | 0.3 | 93.41 | 99.5267 | 0.938542 |
| 8 | 8 | 0.4 | 96.1124 | 96.8307 | 0.992583 |
| 8 | 8 | 0.5 | 96.781 | 96.723 | 1.0006 |
| 8 | 9 | 0.2 | 75.37 | 103.302 | 0.729607 |

combined_Cases

| p | d | rmin | J | J* | J/J* | | p |
|---|---|------|---------|----------|-----------|--|---|
| 1 | 1 | 1 | 35.9341 | 34.2055 | 1.05054 | | |
| 1 | 2 | 0.5 | 8.8694 | 4.61E+08 | 1.92E-08 | | |
| 1 | 2 | 0.6 | 13.2001 | 1095.74 | 0.0120468 | | |
| 1 | 2 | 0.7 | 16.0144 | 358.892 | 0.0446219 | | |
| 1 | 2 | 0.8 | 21.1948 | 122.341 | 0.173243 | | |
| 1 | 2 | 0.9 | 25.0004 | 75.9506 | 0.329167 | | |
| 1 | 2 | 1 | 27.6111 | 59.1323 | 0.466938 | | |
| 2 | 1 | 1 | 34.3143 | 34.2055 | 1.00318 | | 2 |
| 2 | 2 | 0.5 | 34.3098 | 33.935 | 1.01104 | | 2 |
| 2 | 2 | 0.6 | 34.3098 | 33.9351 | 1.01104 | | 2 |
| 2 | 2 | 0.7 | 34.3098 | 33.9347 | 1.01105 | | 2 |
| 2 | 2 | 0.8 | 34.3099 | 33.9341 | 1.01107 | | 2 |
| 2 | 2 | 0.9 | 34.31 | 33.9334 | 1.0111 | | 2 |
| 2 | 2 | 1 | 34.3101 | 33.9331 | 1.01111 | | 2 |
| 2 | 3 | 0.4 | 8.35535 | 552.845 | 0.0151134 | | 2 |
| 2 | 3 | 0.5 | 16.9752 | 100.509 | 0.168893 | | 2 |
| 2 | 3 | 0.6 | 27.6643 | 45.7511 | 0.60467 | | 2 |
| 2 | 3 | 0.7 | 31.4569 | 37.6764 | 0.834922 | | 2 |
| 2 | 3 | 0.8 | 32.4762 | 36.1418 | 0.898578 | | 2 |
| 2 | 3 | 0.9 | 33.4333 | 34.6481 | 0.96494 | | 2 |
| 2 | 3 | 1 | 33.6962 | 34.3311 | 0.981507 | | 2 |
| 3 | 1 | 1 | 34.3019 | 34.2055 | 1.00282 | | 3 |
| 3 | 2 | 0.5 | 34.1738 | 33.9374 | 1.00697 | | 3 |
| 3 | 2 | 0.6 | 34.1738 | 33.9374 | 1.00697 | | 3 |
| 3 | 2 | 0.7 | 34.1739 | 33.9371 | 1.00698 | | 3 |
| 3 | 2 | 0.8 | 34.1739 | 33.9364 | 1.007 | | 3 |
| 3 | 2 | 0.9 | 34.174 | 33.9357 | 1.00702 | | 3 |
| 3 | 2 | 1 | 34.1742 | 33.9345 | 1.00706 | | 3 |
| 3 | 3 | 0.4 | 22.5835 | 74.4729 | 0.303244 | | 3 |
| 3 | 3 | 0.5 | 28.1666 | 37.2274 | 0.756609 | | 3 |
| 3 | 3 | 0.6 | 32.1355 | 34.119 | 0.941865 | | 3 |
| 3 | 3 | 0.7 | 33.2029 | 34.2875 | 0.968369 | | 3 |
| 3 | 3 | 0.8 | 33.5508 | 34.2435 | 0.979771 | | 3 |
| 3 | 3 | 0.9 | 33.8205 | 33.8278 | 0.999785 | | 3 |
| 3 | 3 | 1 | 33.9315 | 33.817 | 1.00339 | | 3 |
| 3 | 4 | 0.3 | 12.2066 | 91.411 | 0.133535 | | 3 |
| 3 | 4 | 0.4 | 20.1531 | 62.5016 | 0.322441 | | 3 |
| 3 | 4 | 0.5 | 25.6085 | 40.9145 | 0.625902 | | 3 |
| 3 | 4 | 0.6 | 29.7112 | 34.9124 | 0.851022 | | 3 |
| 3 | 4 | 0.7 | 32.1458 | 33.902 | 0.948196 | | 3 |
| 3 | 4 | 0.8 | 33.2923 | 33.9719 | 0.979996 | | 3 |
| 3 | 4 | 0.9 | 33.6872 | 33.8341 | 0.995659 | | 3 |
| 3 | 4 | 1 | 33.8345 | 33.773 | 1.00182 | | 3 |
| 3 | 5 | 0.2 | 3.85675 | 4.28E+08 | 9.01E-09 | | 3 |
| 3 | 5 | 0.3 | 13.7947 | 55.0004 | 0.250811 | | 3 |
| 3 | 5 | 0.4 | 19.5935 | 34.6625 | 0.565265 | | 3 |
| 3 | 5 | 0.5 | 25.6817 | 30.5157 | 0.84159 | | 3 |
| 3 | 5 | 0.6 | 29.1437 | 31.9941 | 0.91091 | | 3 |
| 3 | 5 | 0.7 | 31.7835 | 33.7189 | 0.942602 | | 3 |
| 3 | 5 | 0.8 | 33.18 | 33.7734 | 0.98243 | | 3 |
| 3 | 5 | 0.9 | 33.6263 | 33.8124 | 0.994495 | | 3 |

combined_Cases

| | | | | | | |
|---|---|-----|---------|----------|-----------|---|
| 3 | 5 | 1 | 33.8018 | 33.7682 | 1.001 | 3 |
| 4 | 1 | 1 | 33.9991 | 34.2055 | 0.993966 | 4 |
| 4 | 2 | 0.5 | 33.936 | 33.931 | 1.00015 | 4 |
| 4 | 2 | 0.6 | 33.936 | 33.9312 | 1.00014 | 4 |
| 4 | 2 | 0.7 | 33.936 | 33.9312 | 1.00014 | 4 |
| 4 | 2 | 0.8 | 33.936 | 33.9312 | 1.00014 | 4 |
| 4 | 2 | 0.9 | 33.9361 | 33.9312 | 1.00014 | 4 |
| 4 | 2 | 1 | 33.9362 | 33.9313 | 1.00015 | 4 |
| 4 | 3 | 0.4 | 20.1246 | 158.221 | 0.127193 | 4 |
| 4 | 3 | 0.5 | 28.5765 | 54.8429 | 0.521062 | 4 |
| 4 | 3 | 0.6 | 32.8128 | 33.6418 | 0.975358 | 4 |
| 4 | 3 | 0.7 | 33.4921 | 33.8402 | 0.989714 | 4 |
| 4 | 3 | 0.8 | 33.6856 | 33.8922 | 0.993903 | 4 |
| 4 | 3 | 0.9 | 33.9343 | 33.8368 | 1.00288 | 4 |
| 4 | 3 | 1 | 33.9351 | 33.8372 | 1.00289 | 4 |
| 4 | 4 | 0.3 | 16.298 | 82.1909 | 0.198294 | 4 |
| 4 | 4 | 0.4 | 24.6124 | 33.4487 | 0.735826 | 4 |
| 4 | 4 | 0.5 | 28.0395 | 30.6238 | 0.91561 | 4 |
| 4 | 4 | 0.6 | 31.2603 | 32.4674 | 0.962818 | 4 |
| 4 | 4 | 0.7 | 32.8572 | 33.4571 | 0.98207 | 4 |
| 4 | 4 | 0.8 | 33.5867 | 33.6759 | 0.99735 | 4 |
| 4 | 4 | 0.9 | 33.7523 | 33.7335 | 1.00056 | 4 |
| 4 | 4 | 1 | 33.9344 | 33.7917 | 1.00422 | 4 |
| 4 | 5 | 0.2 | 5.3298 | 3.83E+08 | 1.39E-08 | 4 |
| 4 | 5 | 0.3 | 17.5506 | 25.2071 | 0.696257 | 4 |
| 4 | 5 | 0.4 | 22.3943 | 26.1304 | 0.85702 | 4 |
| 4 | 5 | 0.5 | 27.5084 | 29.7786 | 0.923763 | 4 |
| 4 | 5 | 0.6 | 30.4467 | 31.526 | 0.965765 | 4 |
| 4 | 5 | 0.7 | 32.5915 | 32.9671 | 0.988605 | 4 |
| 4 | 5 | 0.8 | 33.4583 | 33.5501 | 0.997265 | 4 |
| 4 | 5 | 0.9 | 33.7391 | 33.7092 | 1.00089 | 4 |
| 4 | 5 | 1 | 33.93 | 33.765 | 1.00489 | 4 |
| 4 | 6 | 0.2 | 10.1254 | 769.318 | 0.0131615 | 4 |
| 4 | 6 | 0.3 | 17.4163 | 26.3546 | 0.660843 | 4 |
| 4 | 6 | 0.4 | 22.4537 | 26.1774 | 0.857753 | 4 |
| 4 | 6 | 0.5 | 26.6279 | 28.4837 | 0.934844 | 4 |
| 4 | 6 | 0.6 | 30.4287 | 31.2783 | 0.972838 | 4 |
| 4 | 6 | 0.7 | 32.5166 | 32.8092 | 0.991081 | 4 |
| 4 | 6 | 0.8 | 33.4455 | 33.5129 | 0.997988 | 4 |
| 4 | 6 | 0.9 | 33.7473 | 33.7079 | 1.00117 | 4 |
| 4 | 6 | 1 | 33.909 | 33.7456 | 1.00484 | 4 |
| 5 | 1 | 1 | 34.2055 | 34.2055 | 1 | 5 |
| 5 | 2 | 0.5 | 33.888 | 33.9312 | 0.998727 | 5 |
| 5 | 2 | 0.6 | 33.888 | 33.9312 | 0.998725 | 5 |
| 5 | 2 | 0.7 | 33.888 | 33.9312 | 0.998725 | 5 |
| 5 | 2 | 0.8 | 33.888 | 33.9313 | 0.998725 | 5 |
| 5 | 2 | 0.9 | 33.8881 | 33.9314 | 0.998724 | 5 |
| 5 | 2 | 1 | 33.8882 | 33.9313 | 0.998728 | 5 |
| 5 | 3 | 0.4 | 25.2722 | 68.5243 | 0.368806 | 5 |
| 5 | 3 | 0.5 | 30.293 | 36.4998 | 0.829949 | 5 |
| 5 | 3 | 0.6 | 32.9715 | 33.3016 | 0.990087 | 5 |
| 5 | 3 | 0.7 | 33.5543 | 33.6455 | 0.997289 | 5 |
| 5 | 3 | 0.8 | 33.885 | 33.8371 | 1.00141 | 5 |

combined_Cases

| | | | | | | |
|---|---|-----|---------|----------|-----------|---|
| 5 | 3 | 0.9 | 33.8851 | 33.8371 | 1.00142 | 5 |
| 5 | 3 | 1 | 33.8853 | 33.8373 | 1.00142 | 5 |
| 5 | 4 | 0.3 | 17.2529 | 82.3988 | 0.209383 | 5 |
| 5 | 4 | 0.4 | 25.1255 | 31.2288 | 0.804563 | 5 |
| 5 | 4 | 0.5 | 28.3826 | 30.5953 | 0.927679 | 5 |
| 5 | 4 | 0.6 | 31.467 | 32.4028 | 0.971121 | 5 |
| 5 | 4 | 0.7 | 32.9564 | 33.409 | 0.986451 | 5 |
| 5 | 4 | 0.8 | 33.6256 | 33.6353 | 0.999714 | 5 |
| 5 | 4 | 0.9 | 33.8844 | 33.7916 | 1.00275 | 5 |
| 5 | 4 | 1 | 33.8847 | 33.7917 | 1.00275 | 5 |
| 5 | 5 | 0.2 | 6.18859 | 3.83E+08 | 1.61E-08 | 5 |
| 5 | 5 | 0.3 | 18.3336 | 24.9101 | 0.735989 | 5 |
| 5 | 5 | 0.4 | 22.7938 | 26.2747 | 0.86752 | 5 |
| 5 | 5 | 0.5 | 27.8756 | 29.5991 | 0.941773 | 5 |
| 5 | 5 | 0.6 | 30.6499 | 31.5015 | 0.972968 | 5 |
| 5 | 5 | 0.7 | 32.6586 | 32.9553 | 0.990995 | 5 |
| 5 | 5 | 0.8 | 33.4707 | 33.5383 | 0.997987 | 5 |
| 5 | 5 | 0.9 | 33.8736 | 33.7624 | 1.00329 | 5 |
| 5 | 5 | 1 | 33.8844 | 33.7661 | 1.0035 | 5 |
| 5 | 6 | 0.2 | 12.0848 | 130.75 | 0.092427 | 5 |
| 5 | 6 | 0.3 | 18.0891 | 27.1949 | 0.665165 | 5 |
| 5 | 6 | 0.4 | 22.8603 | 25.9324 | 0.881536 | 5 |
| 5 | 6 | 0.5 | 26.8964 | 28.4545 | 0.945245 | 5 |
| 5 | 6 | 0.6 | 30.5961 | 31.2296 | 0.979712 | 5 |
| 5 | 6 | 0.7 | 32.5882 | 32.7988 | 0.993578 | 5 |
| 5 | 6 | 0.8 | 33.4616 | 33.5042 | 0.998727 | 5 |
| 5 | 6 | 0.9 | 33.8512 | 33.7429 | 1.00321 | 5 |
| 5 | 6 | 1 | 33.8842 | 33.7503 | 1.00397 | 5 |
| 5 | 7 | 0.2 | 10.937 | 133.844 | 0.0817146 | 5 |
| 5 | 7 | 0.3 | 16.8154 | 25.1355 | 0.668991 | 5 |
| 5 | 7 | 0.4 | 22.6265 | 24.5769 | 0.92064 | 5 |
| 5 | 7 | 0.5 | 27.7435 | 28.7731 | 0.964219 | 5 |
| 5 | 7 | 0.6 | 31.079 | 31.4578 | 0.987958 | 5 |
| 5 | 7 | 0.7 | 32.8253 | 32.9387 | 0.996556 | 5 |
| 5 | 7 | 0.8 | 33.5054 | 33.5308 | 0.999242 | 5 |
| 5 | 7 | 0.9 | 33.8229 | 33.7305 | 1.00274 | 5 |
| 5 | 7 | 1 | 33.8837 | 33.7399 | 1.00426 | 5 |
| 5 | 8 | 0.2 | 11.9031 | 18.3728 | 0.647866 | 5 |
| 5 | 8 | 0.3 | 17.6025 | 23.1754 | 0.759533 | 5 |
| 5 | 8 | 0.4 | 23.2801 | 24.8124 | 0.938246 | 5 |
| 5 | 8 | 0.5 | 28.0081 | 28.921 | 0.968436 | 5 |
| 5 | 8 | 0.6 | 31.2707 | 31.5632 | 0.990732 | 5 |
| 5 | 8 | 0.7 | 32.8664 | 32.9619 | 0.997101 | 5 |
| 5 | 8 | 0.8 | 33.5294 | 33.5459 | 0.99951 | 5 |
| 5 | 8 | 0.9 | 33.8314 | 33.7263 | 1.00312 | 5 |
| 5 | 8 | 1 | 33.884 | 33.7326 | 1.00449 | 5 |
| 6 | 1 | 1 | 33.9773 | 34.2055 | 0.993328 | 6 |
| 6 | 2 | 0.5 | 33.8142 | 33.9315 | 0.996545 | 6 |
| 6 | 2 | 0.6 | 33.8142 | 33.9313 | 0.996549 | 6 |
| 6 | 2 | 0.7 | 33.8142 | 33.9313 | 0.996548 | 6 |
| 6 | 2 | 0.8 | 33.8142 | 33.9314 | 0.996547 | 6 |
| 6 | 2 | 0.9 | 33.8142 | 33.9315 | 0.996545 | 6 |
| 6 | 2 | 1 | 33.8143 | 33.9317 | 0.996538 | 6 |

| combined_Cases | | | | | | |
|----------------|---|-----|---------|----------|----------|---|
| 6 | 3 | 0.4 | 27.34 | 29.5977 | 0.92372 | 6 |
| 6 | 3 | 0.5 | 31.0911 | 32.0196 | 0.971 | 6 |
| 6 | 3 | 0.6 | 33.0056 | 33.2391 | 0.992976 | 6 |
| 6 | 3 | 0.7 | 33.808 | 33.8329 | 0.999266 | 6 |
| 6 | 3 | 0.8 | 33.8134 | 33.8371 | 0.999297 | 6 |
| 6 | 3 | 0.9 | 33.8135 | 33.8373 | 0.999296 | 6 |
| 6 | 3 | 1 | 33.8136 | 33.8374 | 0.999295 | 6 |
| 6 | 4 | 0.3 | 20.9292 | 26.5062 | 0.789595 | 6 |
| 6 | 4 | 0.4 | 26.2494 | 28.9022 | 0.908214 | 6 |
| 6 | 4 | 0.5 | 29.0285 | 30.3872 | 0.955286 | 6 |
| 6 | 4 | 0.6 | 31.8002 | 32.2345 | 0.986527 | 6 |
| 6 | 4 | 0.7 | 33.115 | 33.3022 | 0.994378 | 6 |
| 6 | 4 | 0.8 | 33.8125 | 33.791 | 1.00064 | 6 |
| 6 | 4 | 0.9 | 33.8134 | 33.7917 | 1.00064 | 6 |
| 6 | 4 | 1 | 33.8135 | 33.7917 | 1.00065 | 6 |
| 6 | 5 | 0.2 | 6.12577 | 3.89E+08 | 1.57E-08 | 6 |
| 6 | 5 | 0.3 | 19.2118 | 24.6399 | 0.779701 | 6 |
| 6 | 5 | 0.4 | 23.6537 | 25.7472 | 0.91869 | 6 |
| 6 | 5 | 0.5 | 28.4463 | 29.4628 | 0.965499 | 6 |
| 6 | 5 | 0.6 | 30.9388 | 31.4735 | 0.983012 | 6 |
| 6 | 5 | 0.7 | 32.7586 | 32.9256 | 0.994928 | 6 |
| 6 | 5 | 0.8 | 33.7962 | 33.7571 | 1.00116 | 6 |
| 6 | 5 | 0.9 | 33.8133 | 33.7659 | 1.0014 | 6 |
| 6 | 5 | 1 | 33.8134 | 33.766 | 1.0014 | 6 |
| 6 | 6 | 0.2 | 12.764 | 26.0632 | 0.489733 | 6 |
| 6 | 6 | 0.3 | 19.1832 | 22.1057 | 0.867792 | 6 |
| 6 | 6 | 0.4 | 23.7517 | 25.3438 | 0.937181 | 6 |
| 6 | 6 | 0.5 | 27.389 | 28.4084 | 0.964114 | 6 |
| 6 | 6 | 0.6 | 30.8567 | 31.1854 | 0.989458 | 6 |
| 6 | 6 | 0.7 | 32.6679 | 32.8005 | 0.995958 | 6 |
| 6 | 6 | 0.8 | 33.462 | 33.5008 | 0.998842 | 6 |
| 6 | 6 | 0.9 | 33.8131 | 33.75 | 1.00187 | 6 |
| 6 | 6 | 1 | 33.8134 | 33.7502 | 1.00187 | 6 |
| 6 | 7 | 0.2 | 11.769 | 24.0015 | 0.490346 | 6 |
| 6 | 7 | 0.3 | 17.6683 | 20.7057 | 0.853306 | 6 |
| 6 | 7 | 0.4 | 23.2451 | 24.3635 | 0.954093 | 6 |
| 6 | 7 | 0.5 | 28.1255 | 28.7196 | 0.979315 | 6 |
| 6 | 7 | 0.6 | 31.2411 | 31.4566 | 0.99315 | 6 |
| 6 | 7 | 0.7 | 32.8618 | 32.9408 | 0.997602 | 6 |
| 6 | 7 | 0.8 | 33.4995 | 33.5246 | 0.999251 | 6 |
| 6 | 7 | 0.9 | 33.8131 | 33.7396 | 1.00218 | 6 |
| 6 | 7 | 1 | 33.8134 | 33.7396 | 1.00219 | 6 |
| 6 | 8 | 0.2 | 12.6009 | 29.2237 | 0.431187 | 6 |
| 6 | 8 | 0.3 | 18.3809 | 19.9624 | 0.920775 | 6 |
| 6 | 8 | 0.4 | 23.7867 | 24.7116 | 0.962574 | 6 |
| 6 | 8 | 0.5 | 28.3623 | 28.9029 | 0.981297 | 6 |
| 6 | 8 | 0.6 | 31.4191 | 31.5726 | 0.995139 | 6 |
| 6 | 8 | 0.7 | 32.906 | 32.9665 | 0.998166 | 6 |
| 6 | 8 | 0.8 | 33.5483 | 33.5609 | 0.999625 | 6 |
| 6 | 8 | 0.9 | 33.8126 | 33.7323 | 1.00238 | 6 |
| 6 | 8 | 1 | 33.8133 | 33.7323 | 1.0024 | 6 |
| 6 | 9 | 0.2 | 12.9773 | 15.197 | 0.853941 | 6 |
| 6 | 9 | 0.3 | 19.0006 | 20.4165 | 0.930651 | 6 |

combined_Cases

| | | | | | | |
|---|----|-----|---------|----------|----------|---|
| 6 | 9 | 0.4 | 24.1909 | 24.9784 | 0.968471 | 6 |
| 6 | 9 | 0.5 | 28.4878 | 28.9048 | 0.985572 | 6 |
| 7 | 2 | 0.5 | 33.7974 | 33.9315 | 0.99605 | 7 |
| 7 | 3 | 0.4 | 27.7127 | 29.6056 | 0.936061 | 7 |
| 7 | 3 | 0.5 | 31.2965 | 31.9833 | 0.978526 | 7 |
| 7 | 4 | 0.3 | 21.224 | 26.3991 | 0.803967 | 7 |
| 7 | 4 | 0.4 | 26.3421 | 28.8962 | 0.911611 | 7 |
| 7 | 4 | 0.5 | 29.0837 | 30.3813 | 0.957289 | 7 |
| 7 | 5 | 0.2 | 7.88192 | 1.76E+08 | 4.49E-08 | 7 |
| 7 | 5 | 0.3 | 19.6133 | 24.1681 | 0.811535 | 7 |
| 7 | 5 | 0.4 | 23.7218 | 25.7139 | 0.92253 | 7 |
| 7 | 5 | 0.5 | 28.4741 | 29.4494 | 0.966883 | 7 |
| 7 | 6 | 0.2 | 13.0708 | 26.2451 | 0.49803 | 7 |
| 7 | 6 | 0.3 | 19.2752 | 21.9843 | 0.876771 | 7 |
| 7 | 6 | 0.4 | 23.7728 | 25.346 | 0.937933 | 7 |
| 7 | 6 | 0.5 | 27.4107 | 28.4098 | 0.964832 | 7 |
| 7 | 7 | 0.2 | 12.2105 | 21.2419 | 0.57483 | 7 |
| 7 | 7 | 0.3 | 17.7283 | 20.6119 | 0.860101 | 7 |
| 7 | 7 | 0.4 | 23.2494 | 24.373 | 0.953904 | 7 |
| 7 | 7 | 0.5 | 28.143 | 28.7229 | 0.979809 | 7 |
| 7 | 8 | 0.2 | 13.0223 | 15.7441 | 0.827124 | 7 |
| 7 | 8 | 0.3 | 18.4232 | 19.924 | 0.924669 | 7 |
| 7 | 8 | 0.4 | 23.8089 | 24.7118 | 0.963463 | 7 |
| 7 | 8 | 0.5 | 28.3861 | 28.9031 | 0.982112 | 7 |
| 7 | 9 | 0.2 | 13.0329 | 14.979 | 0.870075 | 7 |
| 7 | 9 | 0.3 | 19.0578 | 20.3586 | 0.936106 | 7 |
| 7 | 9 | 0.4 | 24.2179 | 24.9789 | 0.969536 | 7 |
| 7 | 9 | 0.5 | 28.5092 | 28.9063 | 0.986263 | 7 |
| 7 | 10 | 0.1 | 3.75014 | 5.08E+08 | 7.38E-09 | 7 |
| 7 | 10 | 0.2 | 13.0559 | 14.7726 | 0.883793 | 7 |
| 7 | 10 | 0.3 | 18.9366 | 20.1066 | 0.941811 | 7 |
| 7 | 10 | 0.4 | 24.1818 | 24.85 | 0.973111 | 7 |
| 7 | 10 | 0.5 | 28.3438 | 28.7118 | 0.987183 | 7 |
| 8 | 3 | 0.4 | 27.9314 | 29.5949 | 0.94379 | 8 |
| 8 | 4 | 0.3 | 21.7223 | 26.3627 | 0.82398 | 8 |
| 8 | 4 | 0.4 | 26.7789 | 28.8808 | 0.927219 | 8 |
| 8 | 5 | 0.2 | 9.71726 | 16.1729 | 0.600834 | 8 |
| 8 | 5 | 0.3 | 19.8931 | 24.0911 | 0.825742 | 8 |
| 8 | 5 | 0.4 | 23.8165 | 25.7018 | 0.926646 | 8 |
| 8 | 6 | 0.2 | 14.1913 | 18.5367 | 0.765581 | 8 |
| 8 | 6 | 0.3 | 19.3876 | 21.7865 | 0.889892 | 8 |
| 8 | 6 | 0.4 | 23.8156 | 25.3305 | 0.940193 | 8 |
| 8 | 7 | 0.2 | 12.9141 | 17.6165 | 0.733065 | 8 |
| 8 | 7 | 0.3 | 17.8057 | 20.3377 | 0.875505 | 8 |
| 8 | 7 | 0.4 | 23.3041 | 24.3601 | 0.956654 | 8 |
| 8 | 8 | 0.2 | 13.2573 | 15.3822 | 0.861854 | 8 |
| 8 | 8 | 0.3 | 18.5345 | 19.8603 | 0.933243 | 8 |
| 8 | 8 | 0.4 | 23.8903 | 24.7044 | 0.967047 | 8 |
| 8 | 9 | 0.2 | 13.1613 | 14.7426 | 0.892735 | 8 |
| 8 | 9 | 0.3 | 19.1866 | 20.3116 | 0.944611 | 8 |

| combined_Cases | | | | | | |
|----------------|----|-----|---------|----------|----------|----|
| 8 | 9 | 0.4 | 24.3269 | 24.9722 | 0.974157 | 8 |
| 8 | 10 | 0.1 | 3.89051 | 4.86E+08 | 8.01E-09 | 8 |
| 8 | 10 | 0.2 | 13.1715 | 14.5312 | 0.906429 | 8 |
| 8 | 10 | 0.3 | 19.0738 | 20.0382 | 0.951872 | 8 |
| 8 | 10 | 0.4 | 24.2873 | 24.8403 | 0.977738 | 8 |
| | | | | | | 9 |
| 9 | 3 | 0.4 | 28.1317 | 29.5996 | 0.950406 | 9 |
| 9 | 4 | 0.3 | 21.8587 | 26.2491 | 0.832741 | 9 |
| 9 | 4 | 0.4 | 26.8534 | 28.8587 | 0.930513 | 9 |
| 9 | 5 | 0.2 | 8.66633 | 12.4979 | 0.693421 | 9 |
| 9 | 5 | 0.3 | 20.0533 | 24.0344 | 0.834359 | 9 |
| 9 | 5 | 0.4 | 23.862 | 25.6711 | 0.929528 | 9 |
| 9 | 6 | 0.2 | 14.3841 | 18.398 | 0.78183 | 9 |
| 9 | 6 | 0.3 | 19.4123 | 21.7642 | 0.891937 | 9 |
| 9 | 6 | 0.4 | 23.817 | 25.3515 | 0.939471 | 9 |
| 9 | 7 | 0.2 | 13.2467 | 16.7484 | 0.790924 | 9 |
| 9 | 7 | 0.3 | 17.8827 | 20.2021 | 0.885191 | 9 |
| 9 | 7 | 0.4 | 23.3081 | 24.3654 | 0.956606 | 9 |
| 9 | 8 | 0.2 | 13.2895 | 15.349 | 0.865824 | 9 |
| 9 | 8 | 0.3 | 18.5579 | 19.8473 | 0.935033 | 9 |
| 9 | 8 | 0.4 | 23.8993 | 24.7051 | 0.967383 | 9 |
| 9 | 9 | 0.2 | 13.1937 | 14.6626 | 0.899825 | 9 |
| 9 | 9 | 0.3 | 19.2221 | 20.2659 | 0.948495 | 9 |
| 9 | 9 | 0.4 | 24.3367 | 24.9752 | 0.974432 | 9 |
| 9 | 10 | 0.1 | 4.43518 | 4.15E+08 | 1.07E-08 | 9 |
| 9 | 10 | 0.2 | 13.2162 | 14.5078 | 0.910972 | 9 |
| 9 | 10 | 0.3 | 19.1071 | 20.0186 | 0.95447 | 9 |
| 9 | 10 | 0.4 | 24.2979 | 24.8408 | 0.978148 | 9 |
| | | | | | | 10 |
| 10 | 3 | 0.4 | 28.2862 | 29.6001 | 0.955613 | 10 |
| 10 | 4 | 0.3 | 22.125 | 26.0546 | 0.84918 | 10 |
| 10 | 4 | 0.4 | 27.01 | 28.8428 | 0.936456 | 10 |
| 10 | 5 | 0.2 | 15.9359 | 18.2309 | 0.874115 | 10 |
| 10 | 5 | 0.3 | 20.2036 | 24.0035 | 0.841696 | 10 |
| 10 | 5 | 0.4 | 23.9351 | 25.6552 | 0.932953 | 10 |
| 10 | 6 | 0.2 | 14.6528 | 18.065 | 0.811117 | 10 |
| 10 | 6 | 0.3 | 19.5569 | 21.577 | 0.906376 | 10 |
| 10 | 6 | 0.4 | 23.8454 | 25.3447 | 0.940845 | 10 |
| 10 | 7 | 0.2 | 13.3581 | 16.3677 | 0.816127 | 10 |
| 10 | 7 | 0.3 | 17.9674 | 20.129 | 0.892615 | 10 |
| 10 | 7 | 0.4 | 23.3365 | 24.3694 | 0.957615 | 10 |
| 10 | 8 | 0.2 | 13.397 | 15.3087 | 0.875126 | 10 |
| 10 | 8 | 0.3 | 18.6163 | 19.8283 | 0.938874 | 10 |
| 10 | 8 | 0.4 | 23.9348 | 24.7051 | 0.968821 | 10 |
| 10 | 9 | 0.2 | 13.2501 | 14.5948 | 0.907867 | 10 |
| 10 | 9 | 0.3 | 19.2914 | 20.2216 | 0.953997 | 10 |
| 10 | 9 | 0.4 | 24.3752 | 24.9805 | 0.975773 | 10 |
| 10 | 10 | 0.1 | 4.28564 | 1.07E+09 | 3.99E-09 | 10 |
| 10 | 10 | 0.2 | 13.2632 | 14.48 | 0.91597 | 10 |
| 10 | 10 | 0.3 | 19.1613 | 19.9795 | 0.959051 | 10 |
| 10 | 10 | 0.4 | 24.3313 | 24.8399 | 0.979525 | 10 |

combined_Cases

| d | rmin | J | J* | J/J* | | p | d |
|---|------|---------|----------|-----------|--|---|---|
| 1 | 1 | 59.458 | 69.2724 | 0.858321 | | | |
| 2 | 0.5 | 55.964 | 64.9694 | 0.86139 | | 2 | 2 |
| 2 | 0.6 | 55.9659 | 64.3707 | 0.869431 | | 2 | 2 |
| 2 | 0.7 | 55.9714 | 63.6059 | 0.879971 | | 2 | 2 |
| 2 | 0.8 | 55.9827 | 62.8173 | 0.8912 | | 2 | 2 |
| 2 | 0.9 | 56.0037 | 62.0192 | 0.903006 | | 2 | 2 |
| 2 | 1 | 56.0338 | 61.3388 | 0.913514 | | 2 | 2 |
| 3 | 0.4 | 22.2551 | 532.975 | 0.0417564 | | 2 | 3 |
| 3 | 0.5 | 37.6524 | 118.52 | 0.317688 | | 2 | 3 |
| 3 | 0.6 | 50.0938 | 67.1326 | 0.746192 | | 2 | 3 |
| 3 | 0.7 | 54.3713 | 59.1582 | 0.919083 | | 2 | 3 |
| 3 | 0.8 | 55.6804 | 57.7637 | 0.963934 | | 2 | 3 |
| 3 | 0.9 | 55.7952 | 56.4711 | 0.988031 | | 2 | 3 |
| 3 | 1 | 56.0778 | 55.8726 | 1.00367 | | 2 | 3 |
| 1 | 1 | 60.1105 | 69.2724 | 0.867741 | | | |
| 2 | 0.5 | 57.6525 | 57.5135 | 1.00242 | | 3 | 2 |
| 2 | 0.6 | 57.6528 | 57.5086 | 1.00251 | | 3 | 2 |
| 2 | 0.7 | 57.6538 | 57.5039 | 1.00261 | | 3 | 2 |
| 2 | 0.8 | 57.6558 | 57.5008 | 1.0027 | | 3 | 2 |
| 2 | 0.9 | 57.6567 | 57.4977 | 1.00277 | | 3 | 2 |
| 2 | 1 | 57.6567 | 57.4954 | 1.00281 | | 3 | 2 |
| 3 | 0.4 | 38.4406 | 253.001 | 0.151939 | | 3 | 3 |
| 3 | 0.5 | 49.7914 | 81.6971 | 0.609464 | | 3 | 3 |
| 3 | 0.6 | 53.9413 | 60.5047 | 0.891522 | | 3 | 3 |
| 3 | 0.7 | 55.5799 | 55.9145 | 0.994016 | | 3 | 3 |
| 3 | 0.8 | 56.2032 | 54.9953 | 1.02196 | | 3 | 3 |
| 3 | 0.9 | 56.2319 | 54.9785 | 1.0228 | | 3 | 3 |
| 3 | 1 | 56.3422 | 54.9342 | 1.02563 | | 3 | 3 |
| 4 | 0.3 | 24.3113 | 479.366 | 0.0507155 | | 3 | 4 |
| 4 | 0.4 | 43.8075 | 72.8971 | 0.60095 | | 3 | 4 |
| 4 | 0.5 | 53.2879 | 63.3341 | 0.841379 | | 3 | 4 |
| 4 | 0.6 | 55.2517 | 57.1509 | 0.966768 | | 3 | 4 |
| 4 | 0.7 | 55.6626 | 54.9342 | 1.01326 | | 3 | 4 |
| 4 | 0.8 | 56.1838 | 53.8728 | 1.0429 | | 3 | 4 |
| 4 | 0.9 | 56.3952 | 53.674 | 1.0507 | | 3 | 4 |
| 4 | 1 | 56.4684 | 53.6796 | 1.05195 | | 3 | 4 |
| 5 | 0.2 | 7.38468 | 8.41E+08 | 8.79E-09 | | 3 | 5 |
| 5 | 0.3 | 27.6064 | 169.131 | 0.163225 | | 3 | 5 |
| 5 | 0.4 | 43.6381 | 70.2178 | 0.621467 | | 3 | 5 |
| 5 | 0.5 | 51.974 | 56.6637 | 0.917236 | | 3 | 5 |
| 5 | 0.6 | 55.3848 | 55.1039 | 1.0051 | | 3 | 5 |
| 5 | 0.7 | 55.8743 | 54.0504 | 1.03375 | | 3 | 5 |
| 5 | 0.8 | 56.0975 | 53.4147 | 1.05022 | | 3 | 5 |
| 5 | 0.9 | 56.4123 | 53.1735 | 1.06091 | | 3 | 5 |

combined_Cases

| | | | | | | | |
|---|-----|---------|----------|------------|--|---|---|
| 5 | 1 | 56.5181 | 53.155 | 1.06327 | | 3 | 5 |
| 1 | 1 | 55.2655 | 69.2724 | 0.797799 | | | |
| 2 | 0.5 | 54.4473 | 57.4879 | 0.947109 | | 4 | 2 |
| 2 | 0.6 | 54.4476 | 57.4863 | 0.94714 | | 4 | 2 |
| 2 | 0.7 | 54.4482 | 57.4846 | 0.94718 | | 4 | 2 |
| 2 | 0.8 | 54.449 | 57.4841 | 0.947201 | | 4 | 2 |
| 2 | 0.9 | 54.4506 | 57.4852 | 0.947211 | | 4 | 2 |
| 2 | 1 | 54.451 | 57.4864 | 0.947197 | | 4 | 2 |
| 3 | 0.4 | 32.4511 | 288.905 | 0.112325 | | 4 | 3 |
| 3 | 0.5 | 46.0209 | 96.145 | 0.478661 | | 4 | 3 |
| 3 | 0.6 | 54.2467 | 54.6279 | 0.993022 | | 4 | 3 |
| 3 | 0.7 | 54.2458 | 54.6239 | 0.993078 | | 4 | 3 |
| 3 | 0.8 | 54.2413 | 54.6555 | 0.992421 | | 4 | 3 |
| 3 | 0.9 | 54.288 | 54.5187 | 0.995767 | | 4 | 3 |
| 3 | 1 | 54.309 | 54.5243 | 0.996051 | | 4 | 3 |
| 4 | 0.3 | 31.1711 | 333.728 | 0.0934027 | | 4 | 4 |
| 4 | 0.4 | 47.207 | 72.5533 | 0.650652 | | 4 | 4 |
| 4 | 0.5 | 52.9983 | 54.5098 | 0.972271 | | 4 | 4 |
| 4 | 0.6 | 53.2127 | 54.1803 | 0.98214 | | 4 | 4 |
| 4 | 0.7 | 53.7665 | 53.6289 | 1.00257 | | 4 | 4 |
| 4 | 0.8 | 53.704 | 53.7062 | 0.999958 | | 4 | 4 |
| 4 | 0.9 | 53.9447 | 53.5017 | 1.00828 | | 4 | 4 |
| 4 | 1 | 54.0161 | 53.4549 | 1.0105 | | 4 | 4 |
| 5 | 0.2 | 10.4905 | 6.39E+08 | 1.64E-08 | | 4 | 5 |
| 5 | 0.3 | 37.4417 | 104.203 | 0.359316 | | 4 | 5 |
| 5 | 0.4 | 50.2237 | 64.4517 | 0.779245 | | 4 | 5 |
| 5 | 0.5 | 52.923 | 55.8893 | 0.946924 | | 4 | 5 |
| 5 | 0.6 | 53.5076 | 53.1409 | 1.0069 | | 4 | 5 |
| 5 | 0.7 | 53.8282 | 52.9737 | 1.01613 | | 4 | 5 |
| 5 | 0.8 | 53.9821 | 52.9641 | 1.01922 | | 4 | 5 |
| 5 | 0.9 | 53.9831 | 52.9461 | 1.01959 | | 4 | 5 |
| 5 | 1 | 54.0435 | 52.9336 | 1.02097 | | 4 | 5 |
| 6 | 0.2 | 16.818 | 1694.85 | 0.00992302 | | 4 | 6 |
| 6 | 0.3 | 42.3047 | 101.451 | 0.416996 | | 4 | 6 |
| 6 | 0.4 | 51.9873 | 55.2013 | 0.941777 | | 4 | 6 |
| 6 | 0.5 | 53.3114 | 53.477 | 0.996904 | | 4 | 6 |
| 6 | 0.6 | 53.5832 | 52.9386 | 1.01218 | | 4 | 6 |
| 6 | 0.7 | 53.7006 | 52.7817 | 1.01741 | | 4 | 6 |
| 6 | 0.8 | 54.0002 | 52.6825 | 1.02501 | | 4 | 6 |
| 6 | 0.9 | 53.9606 | 52.7024 | 1.02388 | | 4 | 6 |
| 6 | 1 | 54.0492 | 52.6728 | 1.02613 | | 4 | 6 |
| 1 | 1 | 69.2724 | 69.2724 | 1 | | | |
| 2 | 0.5 | 53.9634 | 57.5163 | 0.938228 | | 5 | 2 |
| 2 | 0.6 | 53.9636 | 57.5189 | 0.938188 | | 5 | 2 |
| 2 | 0.7 | 53.9634 | 57.5184 | 0.938194 | | 5 | 2 |
| 2 | 0.8 | 53.9635 | 57.5204 | 0.938162 | | 5 | 2 |
| 2 | 0.9 | 53.9635 | 57.5227 | 0.938126 | | 5 | 2 |
| 2 | 1 | 53.9637 | 57.526 | 0.938075 | | 5 | 2 |
| 3 | 0.4 | 53.8512 | 54.4778 | 0.988499 | | 5 | 3 |
| 3 | 0.5 | 53.8523 | 54.4729 | 0.988606 | | 5 | 3 |
| 3 | 0.6 | 53.8551 | 54.4689 | 0.988732 | | 5 | 3 |
| 3 | 0.7 | 53.8658 | 54.4729 | 0.988855 | | 5 | 3 |
| 3 | 0.8 | 53.8814 | 54.4899 | 0.988833 | | 5 | 3 |

combined_Cases

| | | | | | | |
|---|-----|---------|----------|-----------|---|---|
| 3 | 0.9 | 53.8797 | 54.4864 | 0.988864 | 5 | 3 |
| 3 | 1 | 53.8897 | 54.4984 | 0.988832 | 5 | 3 |
| 4 | 0.3 | 34.9334 | 332.447 | 0.10508 | 5 | 4 |
| 4 | 0.4 | 49.4864 | 72.6001 | 0.681631 | 5 | 4 |
| 4 | 0.5 | 53.4755 | 53.8434 | 0.993167 | 5 | 4 |
| 4 | 0.6 | 53.4107 | 54.0967 | 0.987319 | 5 | 4 |
| 4 | 0.7 | 53.7514 | 53.403 | 1.00652 | 5 | 4 |
| 4 | 0.8 | 53.7692 | 53.3618 | 1.00764 | 5 | 4 |
| 4 | 0.9 | 53.8065 | 53.3602 | 1.00836 | 5 | 4 |
| 4 | 1 | 53.8103 | 53.3639 | 1.00837 | 5 | 4 |
| 5 | 0.2 | 15.3351 | 4.70E+08 | 3.26E-08 | 5 | 5 |
| 5 | 0.3 | 42.6137 | 79.8437 | 0.533714 | 5 | 5 |
| 5 | 0.4 | 52.7618 | 56.7253 | 0.930129 | 5 | 5 |
| 5 | 0.5 | 53.1544 | 53.573 | 0.992185 | 5 | 5 |
| 5 | 0.6 | 53.2836 | 53.2384 | 1.00085 | 5 | 5 |
| 5 | 0.7 | 53.5308 | 52.9626 | 1.01073 | 5 | 5 |
| 5 | 0.8 | 53.6945 | 52.8759 | 1.01548 | 5 | 5 |
| 5 | 0.9 | 53.6863 | 52.8544 | 1.01574 | 5 | 5 |
| 5 | 1 | 53.7576 | 52.8505 | 1.01716 | 5 | 5 |
| 6 | 0.2 | 20.9518 | 481.955 | 0.0434725 | 5 | 6 |
| 6 | 0.3 | 48.9406 | 66.2291 | 0.738959 | 5 | 6 |
| 6 | 0.4 | 52.4127 | 54.2295 | 0.966498 | 5 | 6 |
| 6 | 0.5 | 53.0649 | 53.0483 | 1.00031 | 5 | 6 |
| 6 | 0.6 | 53.4593 | 52.6798 | 1.0148 | 5 | 6 |
| 6 | 0.7 | 53.5267 | 52.692 | 1.01584 | 5 | 6 |
| 6 | 0.8 | 53.6515 | 52.6068 | 1.01986 | 5 | 6 |
| 6 | 0.9 | 53.6994 | 52.5924 | 1.02105 | 5 | 6 |
| 6 | 1 | 53.7143 | 52.5837 | 1.0215 | 5 | 6 |
| 7 | 0.2 | 22.0105 | 256.142 | 0.0859309 | 5 | 7 |
| 7 | 0.3 | 44.8875 | 89.5961 | 0.500998 | 5 | 7 |
| 7 | 0.4 | 52.6709 | 54.001 | 0.975371 | 5 | 7 |
| 7 | 0.5 | 53.3698 | 52.5597 | 1.01541 | 5 | 7 |
| 7 | 0.6 | 53.3777 | 52.5666 | 1.01543 | 5 | 7 |
| 7 | 0.7 | 53.5428 | 52.5196 | 1.01948 | 5 | 7 |
| 7 | 0.8 | 53.6397 | 52.4542 | 1.0226 | 5 | 7 |
| 7 | 0.9 | 53.7162 | 52.4374 | 1.02439 | 5 | 7 |
| 7 | 1 | 53.7181 | 52.429 | 1.02459 | 5 | 7 |
| 8 | 0.2 | 27.3248 | 143.719 | 0.190126 | 5 | 8 |
| 8 | 0.3 | 47.7963 | 71.5973 | 0.667572 | 5 | 8 |
| 8 | 0.4 | 52.8181 | 53.0722 | 0.995212 | 5 | 8 |
| 8 | 0.5 | 53.285 | 52.5062 | 1.01483 | 5 | 8 |
| 8 | 0.6 | 53.4175 | 52.4475 | 1.01849 | 5 | 8 |
| 8 | 0.7 | 53.5535 | 52.4044 | 1.02193 | 5 | 8 |
| 8 | 0.8 | 53.6206 | 52.3556 | 1.02416 | 5 | 8 |
| 8 | 0.9 | 53.7196 | 52.3384 | 1.02639 | 5 | 8 |
| 8 | 1 | 53.7193 | 52.3283 | 1.02658 | 5 | 8 |
| 1 | 1 | 57.1753 | 69.2724 | 0.825369 | | |
| 2 | 0.5 | 53.0719 | 57.5967 | 0.92144 | | |
| 2 | 0.6 | 53.0721 | 57.6011 | 0.921372 | | |
| 2 | 0.7 | 53.0721 | 57.6021 | 0.921358 | | |
| 2 | 0.8 | 53.0721 | 57.6053 | 0.921306 | | |
| 2 | 0.9 | 53.0722 | 57.6102 | 0.92123 | | |
| 2 | 1 | 53.0724 | 57.614 | 0.921171 | | |

| combined_Cases | | | | |
|----------------|-----|---------|----------|-----------|
| 3 | 0.4 | 53.0133 | 54.4923 | 0.972858 |
| 3 | 0.5 | 53.0142 | 54.4933 | 0.972857 |
| 3 | 0.6 | 53.0163 | 54.4964 | 0.97284 |
| 3 | 0.7 | 53.0235 | 54.5093 | 0.972742 |
| 3 | 0.8 | 53.0331 | 54.5274 | 0.972594 |
| 3 | 0.9 | 53.0354 | 54.5311 | 0.972571 |
| 3 | 1 | 53.0414 | 54.541 | 0.972505 |
| 4 | 0.3 | 52.9729 | 53.3562 | 0.992818 |
| 4 | 0.4 | 52.9762 | 53.3474 | 0.99304 |
| 4 | 0.5 | 52.9956 | 53.3619 | 0.993136 |
| 4 | 0.6 | 52.9974 | 53.3636 | 0.993137 |
| 4 | 0.7 | 53.0093 | 53.3797 | 0.993062 |
| 4 | 0.8 | 53.0125 | 53.3824 | 0.99307 |
| 4 | 0.9 | 53.0176 | 53.3885 | 0.993052 |
| 4 | 1 | 53.0268 | 53.3996 | 0.993018 |
| 5 | 0.2 | 7.95853 | 7.75E+08 | 1.03E-08 |
| 5 | 0.3 | 40.2385 | 81.6077 | 0.493073 |
| 5 | 0.4 | 52.9336 | 52.8446 | 1.00168 |
| 5 | 0.5 | 52.9379 | 52.8318 | 1.00201 |
| 5 | 0.6 | 52.9638 | 52.8384 | 1.00237 |
| 5 | 0.7 | 52.9776 | 52.8386 | 1.00263 |
| 5 | 0.8 | 52.9974 | 52.8513 | 1.00276 |
| 5 | 0.9 | 52.9944 | 52.8483 | 1.00276 |
| 5 | 1 | 53.0098 | 52.8588 | 1.00286 |
| 6 | 0.2 | 22.9007 | 250.671 | 0.0913577 |
| 6 | 0.3 | 49.5363 | 64.1305 | 0.77243 |
| 6 | 0.4 | 52.0868 | 53.9157 | 0.966078 |
| 6 | 0.5 | 52.4678 | 53.0564 | 0.988906 |
| 6 | 0.6 | 52.8887 | 52.5581 | 1.00629 |
| 6 | 0.7 | 52.9524 | 52.5604 | 1.00746 |
| 6 | 0.8 | 52.9822 | 52.5624 | 1.00799 |
| 6 | 0.9 | 52.9889 | 52.564 | 1.00808 |
| 6 | 1 | 52.9882 | 52.5616 | 1.00812 |
| 7 | 0.2 | 29.9001 | 163.073 | 0.183354 |
| 7 | 0.3 | 47.4901 | 67.1889 | 0.706815 |
| 7 | 0.4 | 52.3053 | 53.2094 | 0.98301 |
| 7 | 0.5 | 52.7815 | 52.441 | 1.00649 |
| 7 | 0.6 | 52.7927 | 52.4426 | 1.00667 |
| 7 | 0.7 | 52.9332 | 52.3974 | 1.01023 |
| 7 | 0.8 | 52.9605 | 52.3891 | 1.01091 |
| 7 | 0.9 | 52.9773 | 52.3917 | 1.01118 |
| 7 | 1 | 52.9852 | 52.3903 | 1.01135 |
| 8 | 0.2 | 31.2937 | 134.215 | 0.233161 |
| 8 | 0.3 | 48.3945 | 68.3462 | 0.708078 |
| 8 | 0.4 | 52.2874 | 52.897 | 0.988477 |
| 8 | 0.5 | 52.7614 | 52.3416 | 1.00802 |
| 8 | 0.6 | 52.8212 | 52.3103 | 1.00977 |
| 8 | 0.7 | 52.921 | 52.2904 | 1.01206 |
| 8 | 0.8 | 52.9504 | 52.2818 | 1.01279 |
| 8 | 0.9 | 52.9749 | 52.2824 | 1.01325 |
| 8 | 1 | 52.9797 | 52.2789 | 1.01341 |
| 9 | 0.2 | 34.3273 | 136.447 | 0.25158 |
| 9 | 0.3 | 51.1309 | 57.3107 | 0.89217 |

combined_Cases

| | | | | | | |
|----|-----|---------|----------|-----------|---|----|
| 9 | 0.4 | 52.759 | 52.2693 | 1.00937 | | |
| 9 | 0.5 | 52.7979 | 52.2489 | 1.01051 | | |
| 2 | 0.5 | 52.9158 | 57.6552 | 0.917797 | 7 | 2 |
| 3 | 0.4 | 52.8387 | 54.5195 | 0.969171 | 7 | 3 |
| 3 | 0.5 | 52.8399 | 54.5254 | 0.969088 | 7 | 3 |
| 4 | 0.3 | 52.7928 | 53.3572 | 0.989423 | 7 | 4 |
| 4 | 0.4 | 52.7963 | 53.3515 | 0.989592 | 7 | 4 |
| 4 | 0.5 | 52.8105 | 53.361 | 0.989682 | 7 | 4 |
| 5 | 0.2 | 23.6515 | 3.46E+08 | 6.84E-08 | 7 | 5 |
| 5 | 0.3 | 52.7602 | 52.8419 | 0.998455 | 7 | 5 |
| 5 | 0.4 | 52.7796 | 52.8243 | 0.999155 | 7 | 5 |
| 5 | 0.5 | 52.7831 | 52.8217 | 0.99927 | 7 | 5 |
| 6 | 0.2 | 24.4677 | 256.003 | 0.0955762 | 7 | 6 |
| 6 | 0.3 | 52.7369 | 52.5514 | 1.00353 | 7 | 6 |
| 6 | 0.4 | 52.7463 | 52.5406 | 1.00392 | 7 | 6 |
| 6 | 0.5 | 52.7587 | 52.5416 | 1.00413 | 7 | 6 |
| 7 | 0.2 | 31.5783 | 121.525 | 0.259851 | 7 | 7 |
| 7 | 0.3 | 51.1603 | 55.3614 | 0.924114 | 7 | 7 |
| 7 | 0.4 | 52.1698 | 53.1091 | 0.982313 | 7 | 7 |
| 7 | 0.5 | 52.7452 | 52.3789 | 1.00699 | 7 | 7 |
| 8 | 0.2 | 38.4315 | 119.026 | 0.322884 | 7 | 8 |
| 8 | 0.3 | 51.1683 | 55.7096 | 0.918483 | 7 | 8 |
| 8 | 0.4 | 52.2303 | 52.7961 | 0.989284 | 7 | 8 |
| 8 | 0.5 | 52.6503 | 52.3001 | 1.0067 | 7 | 8 |
| 9 | 0.2 | 39.27 | 104.811 | 0.374674 | 7 | 9 |
| 9 | 0.3 | 51.9517 | 54.2414 | 0.957786 | 7 | 9 |
| 9 | 0.4 | 52.6324 | 52.2352 | 1.0076 | 7 | 9 |
| 9 | 0.5 | 52.7192 | 52.2117 | 1.00972 | 7 | 9 |
| 10 | 0.1 | 5.81862 | 7.71E+08 | 7.55E-09 | 7 | 10 |
| 10 | 0.2 | 36.2899 | 135.657 | 0.267513 | 7 | 10 |
| 10 | 0.3 | 52.1346 | 52.861 | 0.986257 | 7 | 10 |
| 10 | 0.4 | 52.6195 | 52.1885 | 1.00826 | 7 | 10 |
| 10 | 0.5 | 52.6651 | 52.1666 | 1.00956 | 7 | 10 |
| 2 | 0.5 | 52.5406 | 57.6935 | 0.910684 | 8 | 2 |
| 3 | 0.4 | 52.5156 | 54.5612 | 0.962509 | 8 | 3 |
| 3 | 0.5 | 52.5163 | 54.5681 | 0.962401 | 8 | 3 |
| 4 | 0.3 | 52.4919 | 53.3674 | 0.983595 | 8 | 4 |
| 4 | 0.4 | 52.493 | 53.37 | 0.983567 | 8 | 4 |
| 4 | 0.5 | 52.4998 | 53.3863 | 0.983394 | 8 | 4 |
| 5 | 0.2 | 31.7568 | 1148.85 | 0.0276421 | 8 | 5 |
| 5 | 0.3 | 52.4677 | 52.8226 | 0.993281 | 8 | 5 |
| 5 | 0.4 | 52.4814 | 52.8247 | 0.993502 | 8 | 5 |
| 6 | 0.2 | 33.0459 | 268.728 | 0.122972 | 8 | 6 |
| 6 | 0.3 | 52.4577 | 52.5285 | 0.998651 | 8 | 6 |
| 6 | 0.4 | 52.4681 | 52.5311 | 0.998802 | 8 | 6 |
| 7 | 0.2 | 34.8652 | 106.179 | 0.328361 | 8 | 7 |
| 7 | 0.3 | 52.4441 | 52.3608 | 1.00159 | 8 | 7 |
| 7 | 0.4 | 52.4524 | 52.3563 | 1.00184 | 8 | 7 |
| 8 | 0.2 | 44.7119 | 72.2357 | 0.618973 | 8 | 8 |
| 8 | 0.3 | 52.43 | 52.2532 | 1.00338 | 8 | 8 |
| 8 | 0.4 | 52.4266 | 52.251 | 1.00336 | 8 | 8 |
| 9 | 0.2 | 45.3203 | 70.5444 | 0.642437 | 8 | 9 |
| 9 | 0.3 | 52.4153 | 52.1814 | 1.00448 | | |

| combined_Cases | | | | |
|----------------|-----|---------|-----------|-----------|
| 9 | 0.4 | 52.4296 | 52.1755 | 1.00487 |
| 10 | 0.1 | 6.34472 | 8.03E+08 | 7.91E-09 |
| 10 | 0.2 | 43.9686 | 80.5025 | 0.546176 |
| 10 | 0.3 | 51.9139 | 52.6927 | 0.98522 |
| 10 | 0.4 | 52.4049 | 52.1304 | 1.00527 |
| 2 | 0.5 | 52.4838 | 57.7093 | 0.909451 |
| 3 | 0.4 | 52.4269 | 54.5836 | 0.960489 |
| 4 | 0.3 | 52.4103 | 53.3844 | 0.981753 |
| 4 | 0.4 | 52.4114 | 53.3893 | 0.981683 |
| 5 | 0.2 | 52.3912 | 52.8253 | 0.991783 |
| 5 | 0.3 | 52.3924 | 52.8229 | 0.99185 |
| 5 | 0.4 | 52.3978 | 52.8313 | 0.991794 |
| 6 | 0.2 | 35.1758 | 271.712 | 0.12946 |
| 6 | 0.3 | 52.3811 | 52.525 | 0.997259 |
| 6 | 0.4 | 52.3901 | 52.5324 | 0.997291 |
| 7 | 0.2 | 39.0253 | 111.183 | 0.351002 |
| 7 | 0.3 | 52.3718 | 52.3525 | 1.00037 |
| 7 | 0.4 | 52.3802 | 52.3534 | 1.00051 |
| 8 | 0.2 | 52.344 | 52.2611 | 1.00159 |
| 8 | 0.3 | 52.3615 | 52.242 | 1.00229 |
| 8 | 0.4 | 52.3708 | 52.2406 | 1.00249 |
| 9 | 0.2 | 52.3376 | 52.1839 | 1.00295 |
| 9 | 0.3 | 52.3513 | 52.1684 | 1.00351 |
| 9 | 0.4 | 52.364 | 52.1653 | 1.00381 |
| 10 | 0.1 | 6.76464 | -8.76E+08 | -7.72E-09 |
| 10 | 0.2 | 48.3536 | 59.1838 | 0.817007 |
| 10 | 0.3 | 52.336 | 52.121 | 1.00413 |
| 10 | 0.4 | 52.3574 | 52.1134 | 1.00468 |
| 2 | 0.5 | 52.2869 | 57.7317 | 0.905689 |
| 3 | 0.4 | 52.269 | 54.6104 | 0.957126 |
| 4 | 0.3 | 52.2601 | 53.4068 | 0.978529 |
| 4 | 0.4 | 52.2608 | 53.4115 | 0.978456 |
| 5 | 0.2 | 52.2494 | 52.8319 | 0.988973 |
| 5 | 0.3 | 52.2499 | 52.8372 | 0.988884 |
| 5 | 0.4 | 52.2526 | 52.846 | 0.98877 |
| 6 | 0.2 | 52.2375 | 52.5283 | 0.994463 |
| 6 | 0.3 | 52.2405 | 52.5307 | 0.994475 |
| 6 | 0.4 | 52.2467 | 52.5391 | 0.994433 |
| 7 | 0.2 | 42.0902 | 101.06 | 0.416489 |
| 7 | 0.3 | 52.236 | 52.3517 | 0.997792 |
| 7 | 0.4 | 52.2413 | 52.3564 | 0.997801 |
| 8 | 0.2 | 52.2172 | 52.2379 | 0.999605 |
| 8 | 0.3 | 52.2303 | 52.2361 | 0.999888 |
| 8 | 0.4 | 52.2375 | 52.2403 | 0.999945 |
| 9 | 0.2 | 52.2125 | 52.1617 | 1.00097 |
| 9 | 0.3 | 52.2244 | 52.1587 | 1.00126 |
| 9 | 0.4 | 52.2327 | 52.1609 | 1.00138 |
| 10 | 0.1 | 7.40488 | 7.48E+08 | 9.90E-09 |
| 10 | 0.2 | 52.2054 | 52.1132 | 1.00177 |
| 10 | 0.3 | 52.2162 | 52.105 | 1.00213 |
| 10 | 0.4 | 52.2283 | 52.1055 | 1.00236 |

| rmin | J | J* | J/J* |
|------|---------|----------|-----------|
| 0.5 | 53.5881 | 1.14E+09 | 4.70E-08 |
| 0.6 | 107.062 | 235.138 | 0.455316 |
| 0.7 | 118.839 | 125.89 | 0.943991 |
| 0.8 | 122.526 | 112.086 | 1.09315 |
| 0.9 | 124.264 | 107.813 | 1.15258 |
| 1 | 125.255 | 106.026 | 1.18136 |
| 0.4 | 59.0007 | 149.159 | 0.395556 |
| 0.5 | 82.2338 | 138.45 | 0.593961 |
| 0.6 | 104.445 | 106.352 | 0.982072 |
| 0.7 | 114.791 | 101.457 | 1.13142 |
| 0.8 | 118.694 | 100.448 | 1.18165 |
| 0.9 | 121.697 | 99.8637 | 1.21863 |
| 1 | 123.091 | 99.7639 | 1.23383 |
| 0.5 | 104.025 | 104.867 | 0.991967 |
| 0.6 | 104.025 | 104.842 | 0.992209 |
| 0.7 | 104.025 | 104.798 | 0.99263 |
| 0.8 | 104.027 | 104.76 | 0.993001 |
| 0.9 | 104.029 | 104.723 | 0.993365 |
| 1 | 104.034 | 104.659 | 0.994025 |
| 0.4 | 82.0728 | 163.859 | 0.500875 |
| 0.5 | 91.4746 | 102.645 | 0.891176 |
| 0.6 | 96.7114 | 100.861 | 0.958855 |
| 0.7 | 99.6318 | 101.139 | 0.985098 |
| 0.8 | 100.888 | 100.378 | 1.00508 |
| 0.9 | 102.23 | 99.713 | 1.02524 |
| 1 | 102.896 | 99.5146 | 1.03398 |
| 0.3 | 43.5799 | 958.591 | 0.0454625 |
| 0.4 | 85.2404 | 132.954 | 0.641127 |
| 0.5 | 94.2861 | 102.165 | 0.922884 |
| 0.6 | 96.2608 | 100.65 | 0.956396 |
| 0.7 | 98.8387 | 98.9872 | 0.998499 |
| 0.8 | 101.041 | 98.6484 | 1.02426 |
| 0.9 | 102.018 | 98.1203 | 1.03972 |
| 1 | 102.61 | 98.01 | 1.04693 |
| 0.2 | 12.1535 | 9.14E+08 | 1.33E-08 |
| 0.3 | 55.8079 | 571.238 | 0.0976964 |
| 0.4 | 83.1664 | 130.381 | 0.637871 |
| 0.5 | 94.9269 | 103.676 | 0.915608 |
| 0.6 | 97.7532 | 100.276 | 0.974845 |
| 0.7 | 99.4143 | 98.6304 | 1.00795 |
| 0.8 | 101.263 | 98.2473 | 1.03069 |
| 0.9 | 102.322 | 97.7177 | 1.04712 |

combined_Cases

| | | | |
|-----|---------|----------|-----------|
| 1 | 102.954 | 97.5106 | 1.05583 |
| 0.5 | 99.4023 | 104.657 | 0.949795 |
| 0.6 | 99.4024 | 104.663 | 0.94974 |
| 0.7 | 99.4029 | 104.676 | 0.949624 |
| 0.8 | 99.4034 | 104.687 | 0.949531 |
| 0.9 | 99.4041 | 104.697 | 0.949445 |
| 1 | 99.4054 | 104.713 | 0.94931 |
| 0.4 | 91.5653 | 98.8056 | 0.926721 |
| 0.5 | 94.606 | 102.7 | 0.921191 |
| 0.6 | 96.8786 | 100.345 | 0.965459 |
| 0.7 | 98.1073 | 99.7093 | 0.983934 |
| 0.8 | 98.5698 | 99.4898 | 0.990752 |
| 0.9 | 98.8225 | 99.3053 | 0.995138 |
| 1 | 98.986 | 99.3012 | 0.996825 |
| 0.3 | 54.573 | 496.92 | 0.109823 |
| 0.4 | 85.7719 | 115.713 | 0.74125 |
| 0.5 | 96.9199 | 100.761 | 0.961874 |
| 0.6 | 96.6742 | 100.161 | 0.965184 |
| 0.7 | 97.5861 | 98.4313 | 0.991413 |
| 0.8 | 98.266 | 97.9829 | 1.00289 |
| 0.9 | 98.4608 | 97.9015 | 1.00571 |
| 1 | 98.7476 | 97.887 | 1.00879 |
| 0.2 | 16.8085 | 1.34E+09 | 1.26E-08 |
| 0.3 | 60.8167 | 187.468 | 0.324412 |
| 0.4 | 87.9017 | 111.315 | 0.789663 |
| 0.5 | 95.8893 | 98.6971 | 0.971552 |
| 0.6 | 97.5153 | 98.7004 | 0.987993 |
| 0.7 | 98.0207 | 97.8929 | 1.00131 |
| 0.8 | 98.3793 | 97.5257 | 1.00875 |
| 0.9 | 98.672 | 97.3955 | 1.01311 |
| 1 | 98.8792 | 97.3595 | 1.01561 |
| 0.2 | 29.6661 | 725.159 | 0.0409097 |
| 0.3 | 69.2795 | 231.177 | 0.299682 |
| 0.4 | 91.0672 | 101.32 | 0.898804 |
| 0.5 | 96.7746 | 98.0249 | 0.987245 |
| 0.6 | 97.6632 | 97.7049 | 0.999573 |
| 0.7 | 98.0159 | 97.5616 | 1.00466 |
| 0.8 | 98.4717 | 97.2929 | 1.01212 |
| 0.9 | 98.7262 | 97.1466 | 1.01626 |
| 1 | 98.8868 | 97.0775 | 1.01864 |
| 0.5 | 98.6878 | 105.126 | 0.93876 |
| 0.6 | 98.6878 | 105.136 | 0.938666 |
| 0.7 | 98.6882 | 105.163 | 0.93843 |
| 0.8 | 98.6888 | 105.184 | 0.938248 |
| 0.9 | 98.6895 | 105.204 | 0.93808 |
| 1 | 98.6905 | 105.225 | 0.937899 |
| 0.4 | 93.6304 | 97.1215 | 0.964055 |
| 0.5 | 97.3233 | 99.8436 | 0.974758 |
| 0.6 | 98.0345 | 99.3721 | 0.98654 |
| 0.7 | 98.2529 | 99.2367 | 0.990086 |
| 0.8 | 98.3476 | 99.2727 | 0.990681 |

combined_Cases

| | | | |
|-----|---------|----------|-----------|
| 0.9 | 98.3738 | 99.2926 | 0.990747 |
| 1 | 98.3951 | 99.3124 | 0.990764 |
| 0.3 | 58.9923 | 443.867 | 0.132905 |
| 0.4 | 87.9516 | 114.815 | 0.76603 |
| 0.5 | 97.3332 | 100.658 | 0.966966 |
| 0.6 | 97.8045 | 98.7198 | 0.990728 |
| 0.7 | 97.8315 | 98.2769 | 0.995468 |
| 0.8 | 98.0397 | 97.9371 | 1.00105 |
| 0.9 | 98.1541 | 97.8969 | 1.00263 |
| 1 | 98.2919 | 97.8918 | 1.00409 |
| 0.2 | 32.9697 | 5.45E+08 | 6.05E-08 |
| 0.3 | 76.2219 | 126.787 | 0.601183 |
| 0.4 | 90.4735 | 106.185 | 0.852038 |
| 0.5 | 96.0963 | 98.72 | 0.973423 |
| 0.6 | 97.3116 | 98.2532 | 0.990417 |
| 0.7 | 97.7077 | 97.5792 | 1.00132 |
| 0.8 | 98.0277 | 97.3859 | 1.00659 |
| 0.9 | 98.1865 | 97.3453 | 1.00864 |
| 1 | 98.2959 | 97.3393 | 1.00983 |
| 0.2 | 42.9702 | 688.009 | 0.0624558 |
| 0.3 | 78.7495 | 183.983 | 0.428026 |
| 0.4 | 92.4194 | 102.25 | 0.903861 |
| 0.5 | 96.7108 | 97.6441 | 0.990442 |
| 0.6 | 97.5019 | 97.4229 | 1.00081 |
| 0.7 | 97.542 | 97.3408 | 1.00207 |
| 0.8 | 97.9931 | 97.1227 | 1.00896 |
| 0.9 | 98.199 | 97.0763 | 1.01156 |
| 1 | 98.3043 | 97.0493 | 1.01293 |
| 0.2 | 41.2307 | 583.701 | 0.0706366 |
| 0.3 | 80.7437 | 303.21 | 0.266296 |
| 0.4 | 94.3552 | 99.82 | 0.945253 |
| 0.5 | 97.2017 | 97.4801 | 0.997145 |
| 0.6 | 97.4755 | 97.1656 | 1.00319 |
| 0.7 | 97.7209 | 97.1578 | 1.0058 |
| 0.8 | 97.9971 | 96.9798 | 1.01049 |
| 0.9 | 98.1716 | 96.9281 | 1.01283 |
| 1 | 98.3001 | 96.8824 | 1.01463 |
| 0.2 | 56.2715 | 282.772 | 0.198999 |
| 0.3 | 87.8327 | 113.651 | 0.772825 |
| 0.4 | 94.594 | 100.479 | 0.941433 |
| 0.5 | 97.3408 | 97.2826 | 1.0006 |
| 0.6 | 97.6594 | 97.0757 | 1.00601 |
| 0.7 | 97.8236 | 97.0952 | 1.0075 |
| 0.8 | 98.0022 | 96.8871 | 1.01151 |
| 0.9 | 98.1613 | 96.835 | 1.0137 |
| 1 | 98.2886 | 96.7796 | 1.01559 |

combined_Cases

| | | | |
|-----|---------|----------|----------|
| 0.5 | 97.4374 | 105.703 | 0.921807 |
| 0.4 | 97.3126 | 99.3761 | 0.979235 |
| 0.5 | 97.3143 | 99.3997 | 0.97902 |
| 0.3 | 85.9479 | 128.891 | 0.666829 |
| 0.4 | 94.5895 | 100.469 | 0.941477 |
| 0.5 | 97.2727 | 97.9008 | 0.993585 |
| 0.2 | 42.631 | 5.45E+08 | 7.83E-08 |
| 0.3 | 86.1136 | 118.187 | 0.728619 |
| 0.4 | 95.1311 | 101.177 | 0.940246 |
| 0.5 | 96.8498 | 97.8131 | 0.990151 |
| 0.2 | 42.9578 | 319.027 | 0.134652 |
| 0.3 | 93.6802 | 101.731 | 0.920864 |
| 0.4 | 96.0832 | 99.4316 | 0.966325 |
| 0.5 | 96.4138 | 97.3911 | 0.989966 |
| 0.2 | 56.846 | 181.465 | 0.313261 |
| 0.3 | 92.0062 | 107.399 | 0.856678 |
| 0.4 | 96.22 | 97.3832 | 0.988055 |
| 0.5 | 96.964 | 96.9268 | 1.00038 |
| 0.2 | 66.8993 | 167.948 | 0.398334 |
| 0.3 | 91.9494 | 100.755 | 0.912606 |
| 0.4 | 96.4497 | 96.8128 | 0.99625 |
| 0.5 | 96.8537 | 96.8284 | 1.00026 |
| 0.2 | 68.2142 | 196.361 | 0.347392 |
| 0.3 | 93.9141 | 99.6379 | 0.942554 |
| 0.4 | 96.6557 | 96.7957 | 0.998554 |
| 0.5 | 96.9838 | 96.7302 | 1.00262 |
| 0.1 | 10.5096 | 1.47E+09 | 7.14E-09 |
| 0.2 | 61.3553 | 198.249 | 0.309486 |
| 0.3 | 93.6041 | 98.3652 | 0.951598 |
| 0.4 | 96.7539 | 96.6603 | 1.00097 |
| 0.5 | 96.9452 | 96.7 | 1.00253 |
| 0.5 | 97.0238 | 105.88 | 0.916354 |
| 0.4 | 96.9825 | 99.5202 | 0.974501 |
| 0.5 | 96.9841 | 99.5485 | 0.97424 |
| 0.3 | 91.4725 | 114.786 | 0.796898 |
| 0.4 | 96.9594 | 97.9303 | 0.990085 |
| 0.5 | 96.9632 | 97.948 | 0.989946 |
| 0.2 | 44.1006 | 5.45E+08 | 8.10E-08 |
| 0.3 | 87.2731 | 116.901 | 0.746557 |
| 0.4 | 95.076 | 101.118 | 0.940247 |
| 0.2 | 52.4938 | 340.784 | 0.154038 |
| 0.3 | 94.0429 | 102.233 | 0.919885 |
| 0.4 | 95.9998 | 99.4169 | 0.965629 |
| 0.2 | 57.4595 | 136.085 | 0.422233 |
| 0.3 | 92.2111 | 107.213 | 0.86007 |
| 0.4 | 96.1976 | 97.2679 | 0.988997 |
| 0.2 | 69.9747 | 94.3134 | 0.741938 |
| 0.3 | 93.41 | 99.5267 | 0.938542 |
| 0.4 | 96.1124 | 96.8307 | 0.992583 |
| 0.2 | 75.37 | 103.302 | 0.729607 |