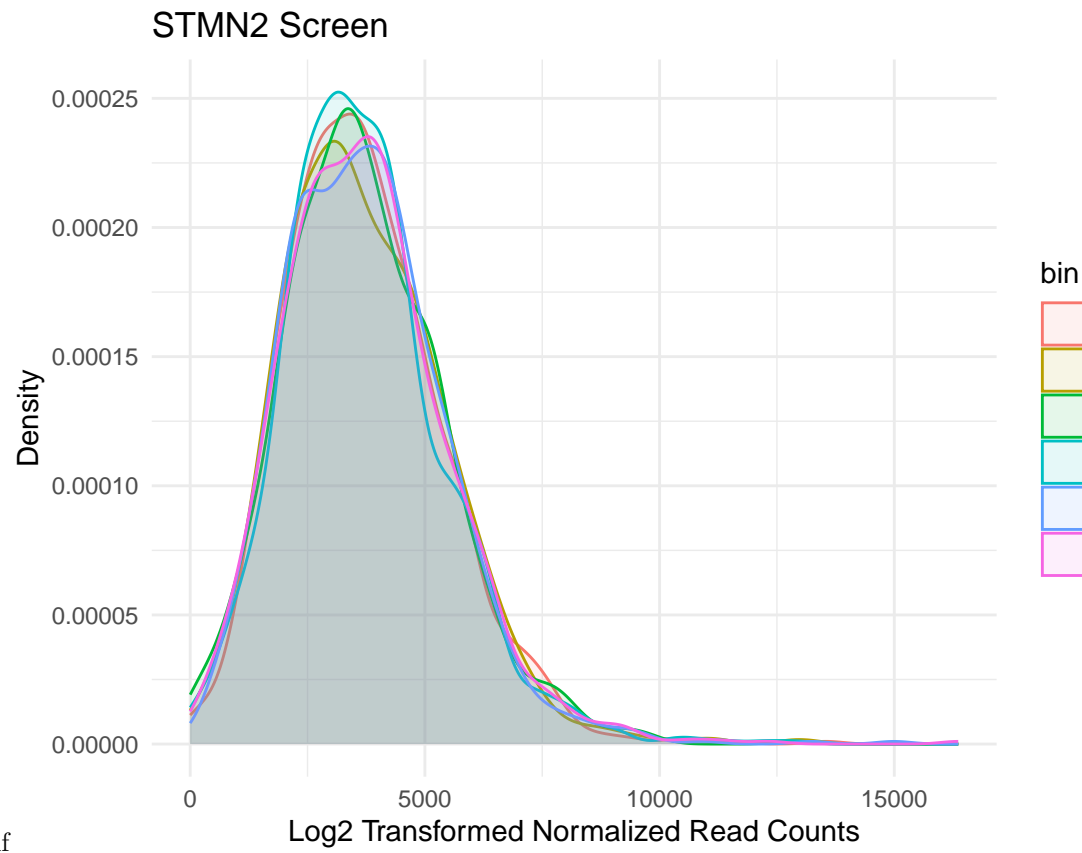
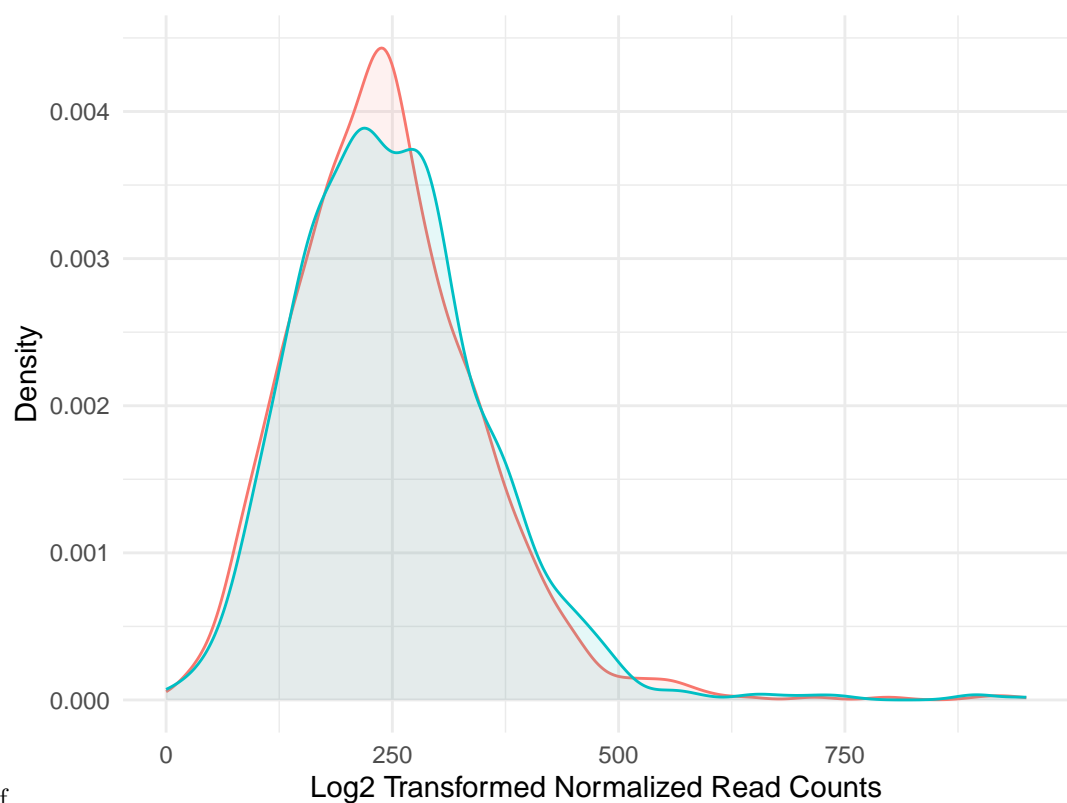


Dual-guide CRISPR Optimization

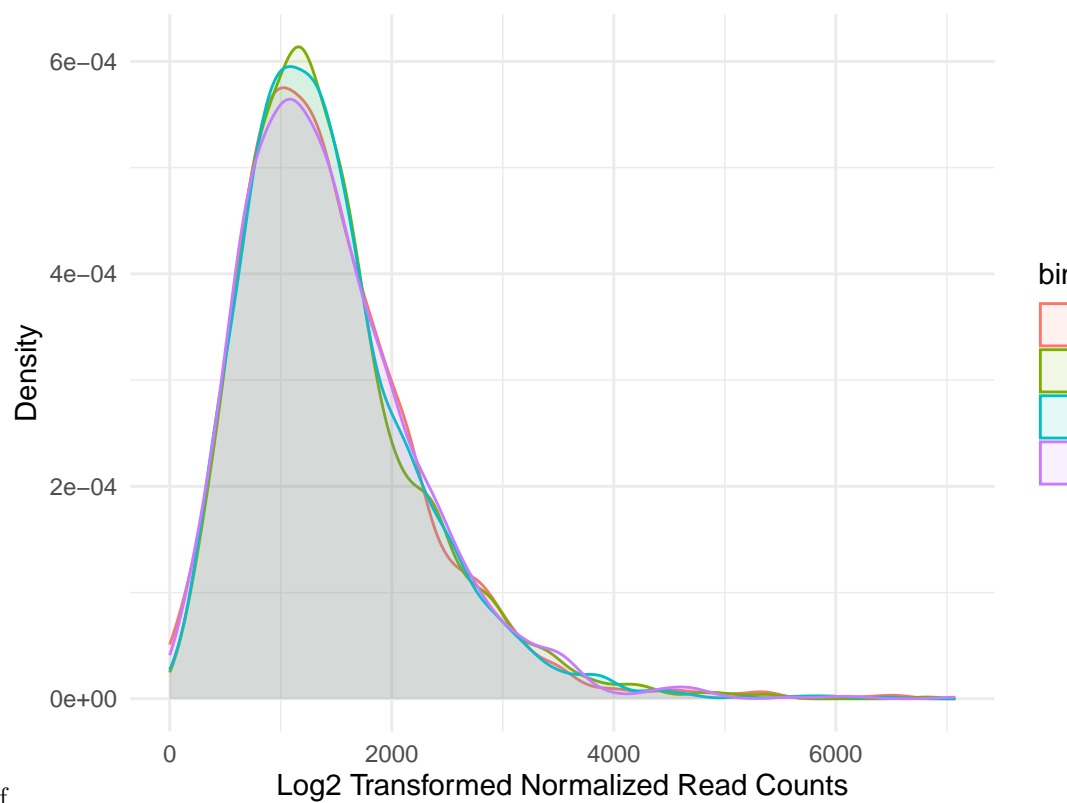


TDP Screen



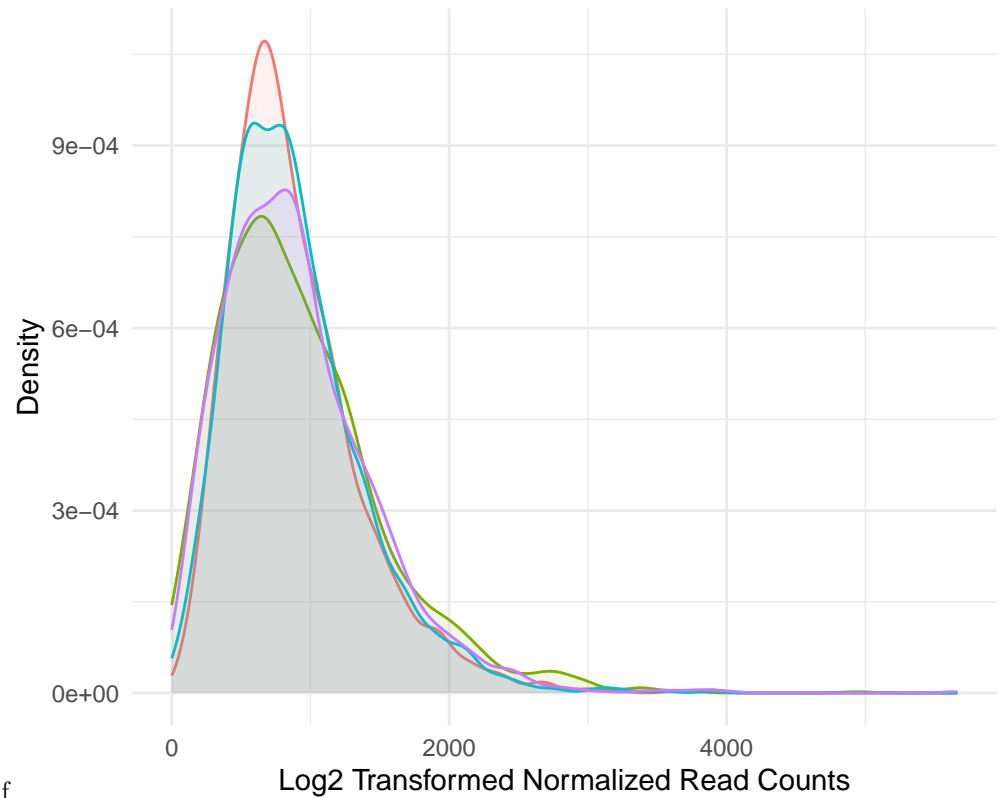
best normalization method-2.pdf

i3N Screen



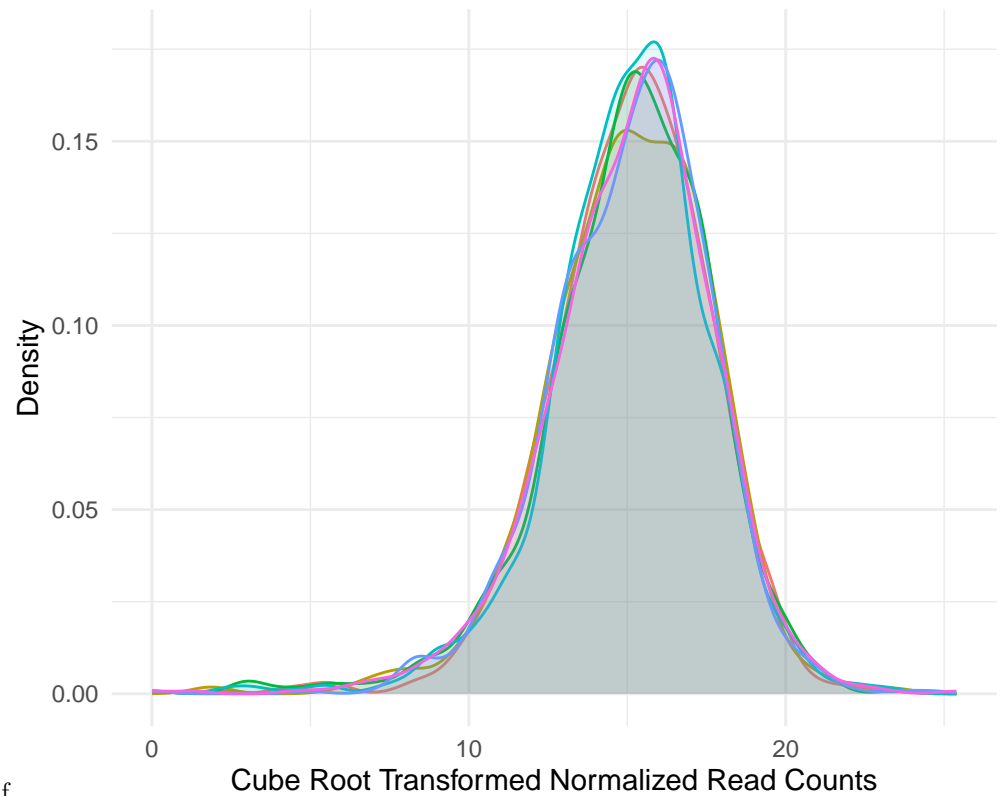
best normalization method-3.pdf

iPSC Screen



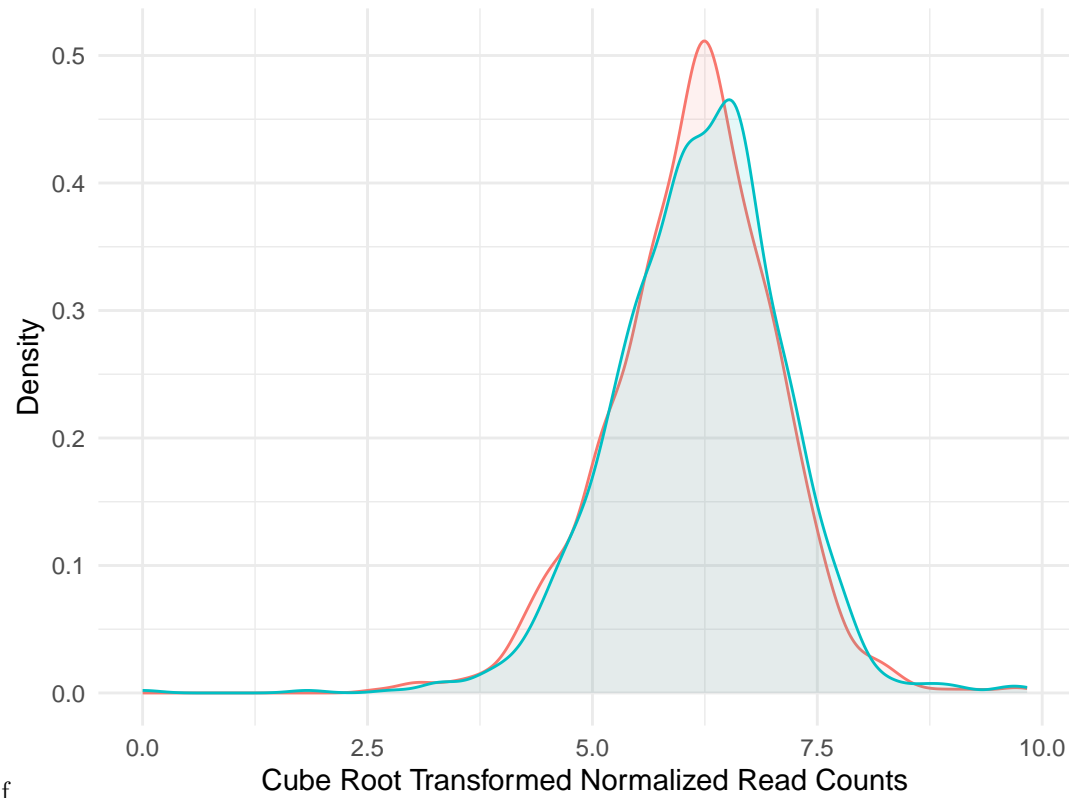
best normalization method-4.pdf

STMN2 Screen



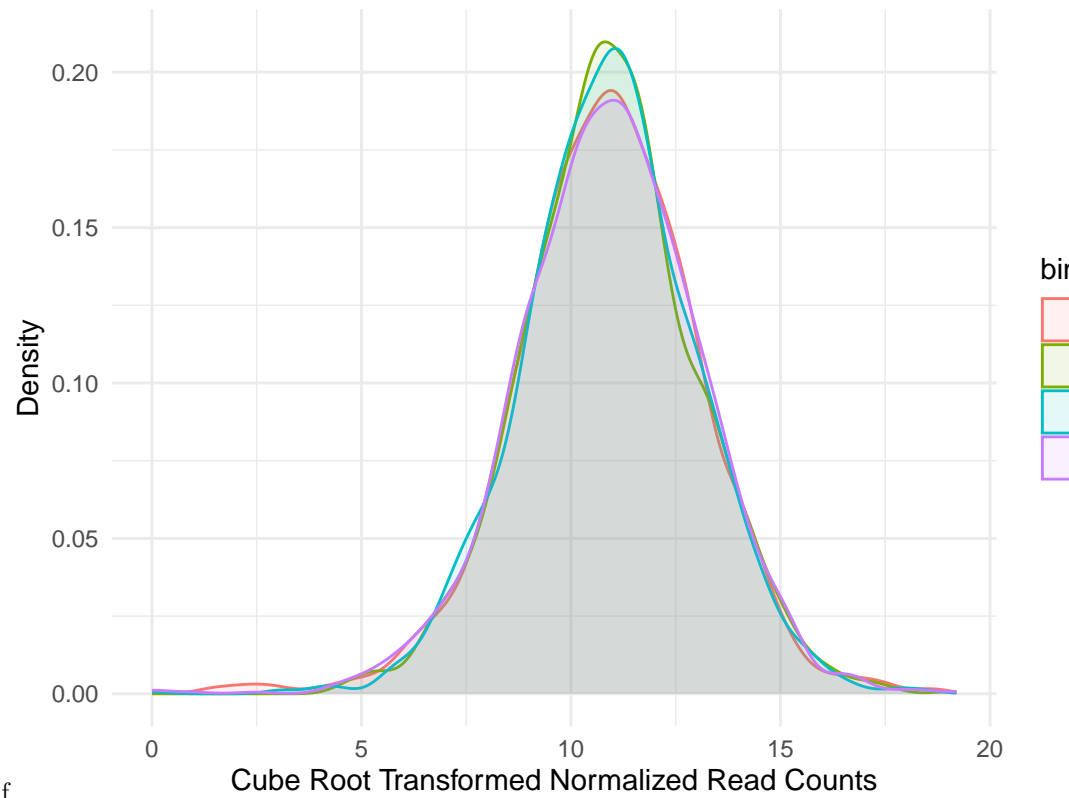
best normalization method-5.pdf

TDP Screen



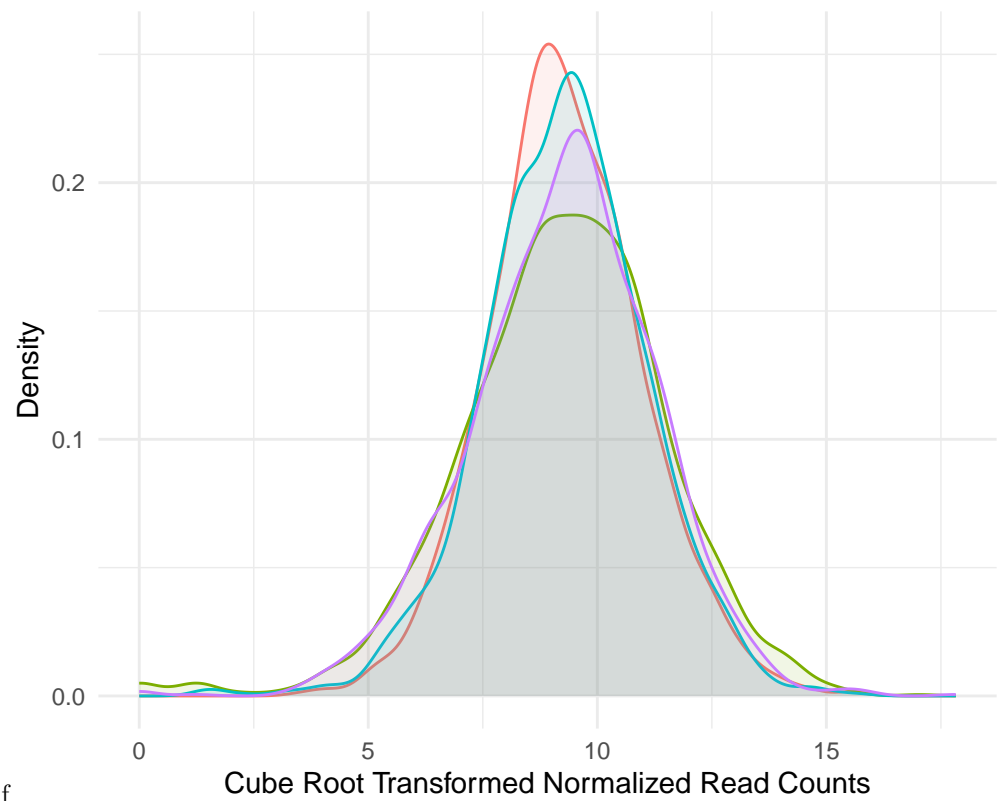
best normalization method-6.pdf

i3N Screen



best normalization method-7.pdf

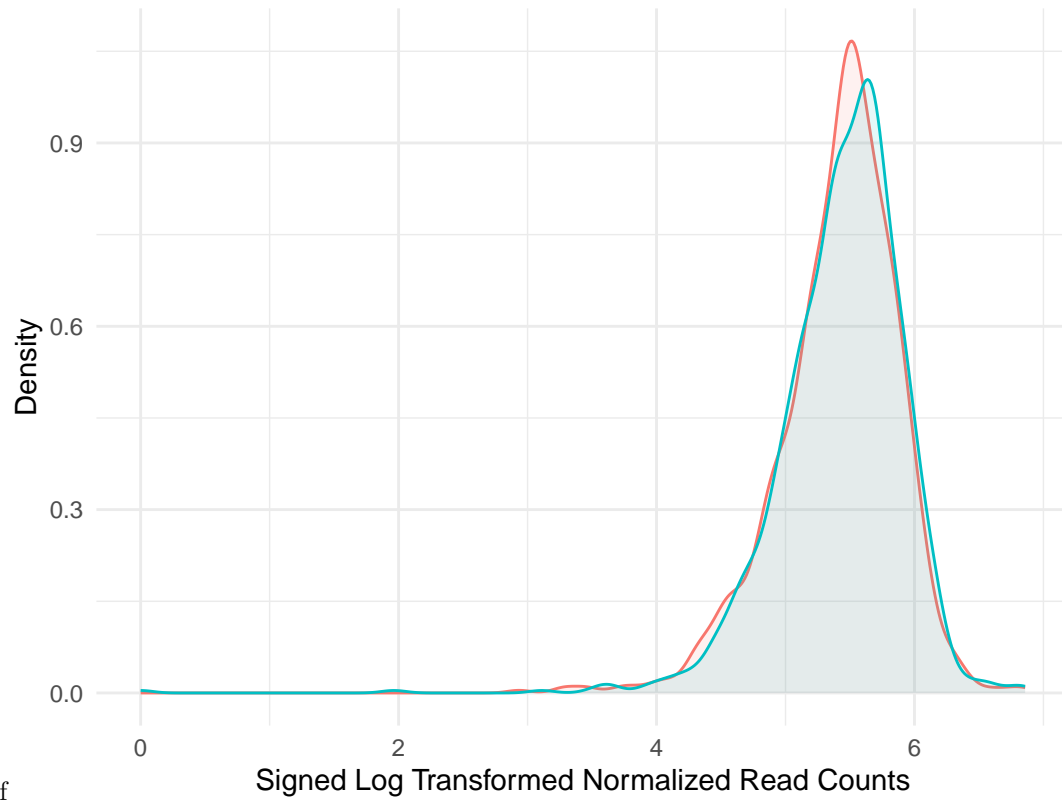
iPSC Screen



STMN2 Screen

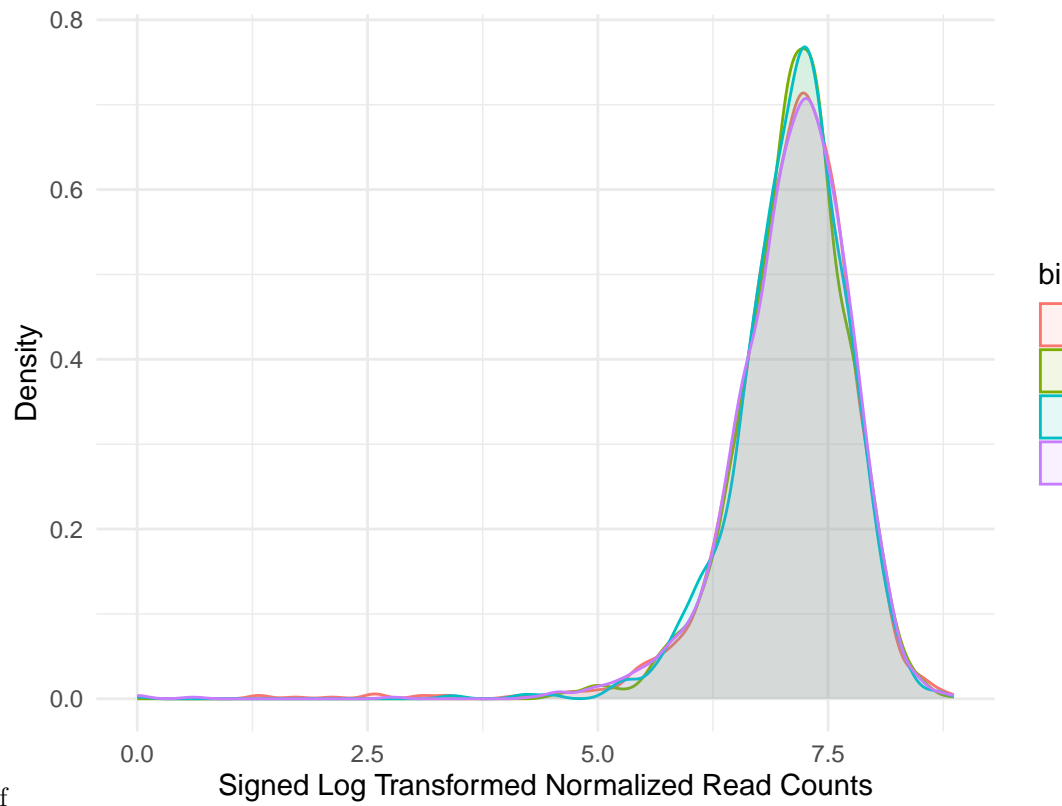


TDP Screen

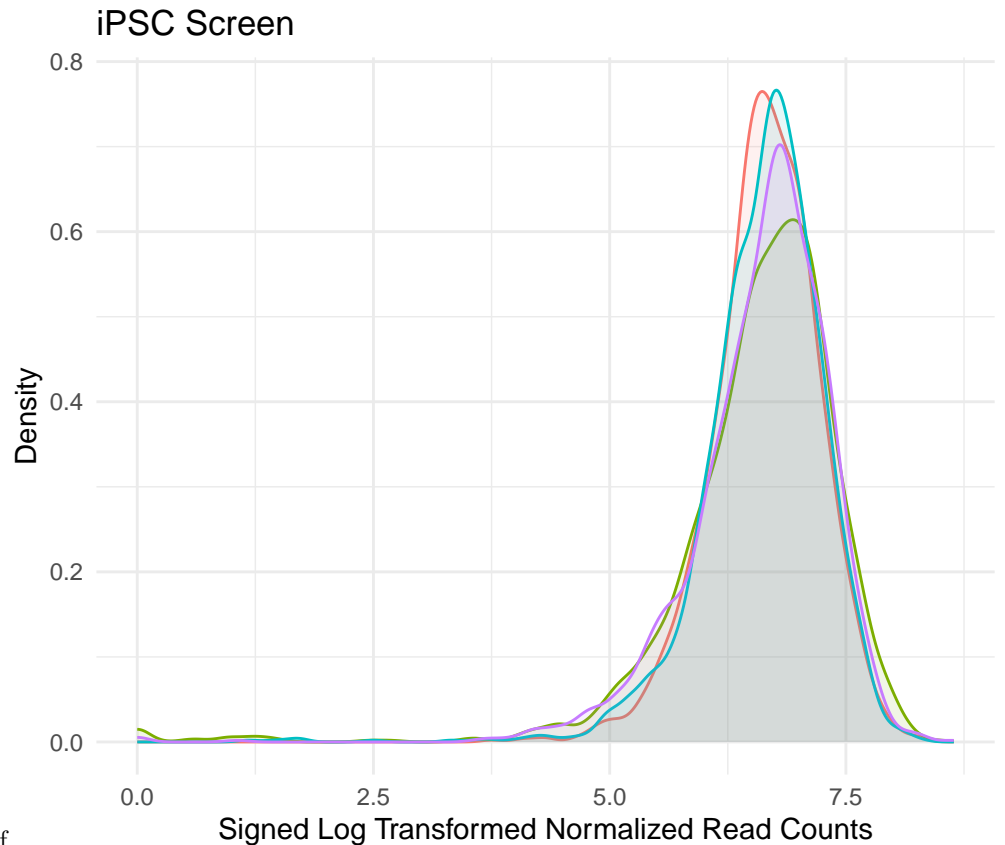


best normalization method-10.pdf

i3N Screen



best normalization method-11.pdf



best normalization method-12.pdf

```
## # A tibble: 6 x 2
##   bin      median_normalized_read_count
##   <chr>                                <dbl>
## 1 high1_rep1                        3544.
## 2 high2_rep2                        3535.
## 3 high3_rep3                        3551.
## 4 low1_rep1                         3541.
## 5 low2_rep2                         3619.
## 6 low3_rep3                         3615.
```

	sgrna	Gene
## 1	non-targeting_02299 non-targeting_02998	negative_control
## 2	non-targeting_01669 non-targeting_00505	negative_control
## 3	non-targeting_00186 non-targeting_01726	negative_control
## 4	non-targeting_00364 non-targeting_01292	negative_control
## 5	non-targeting_01290 non-targeting_01141	negative_control
## 6	non-targeting_00692 non-targeting_03256	negative_control
## 7	non-targeting_00485 non-targeting_00653	negative_control
## 8	non-targeting_02760 non-targeting_00683	negative_control
## 9	non-targeting_03530 non-targeting_01407	negative_control
## 10	non-targeting_03535 non-targeting_03661	negative_control
## 11	non-targeting_00379 non-targeting_02968	negative_control
## 12	non-targeting_02196 non-targeting_03224	negative_control
## 13	non-targeting_03005 non-targeting_02056	negative_control
## 14	non-targeting_00707 non-targeting_00071	negative_control
## 15	non-targeting_01593 non-targeting_03637	negative_control
## 16	non-targeting_00316 non-targeting_03115	negative_control

```

## 17 non-targeting_01855|non-targeting_02924 negative_control
## 18 non-targeting_01451|non-targeting_00168 negative_control
## 19 non-targeting_01800|non-targeting_01657 negative_control
## 20 non-targeting_03097|non-targeting_00510 negative_control
## 21 non-targeting_03600|non-targeting_00547 negative_control
## 22 non-targeting_02029|non-targeting_03636 negative_control
## 23 non-targeting_00164|non-targeting_00374 negative_control
## 24 non-targeting_00909|non-targeting_01805 negative_control
## 25 non-targeting_02191|non-targeting_03218 negative_control
## 26 non-targeting_03631|non-targeting_02264 negative_control
## 27 non-targeting_02103|non-targeting_01069 negative_control
## 28 non-targeting_01339|non-targeting_02089 negative_control
## 29 non-targeting_00533|non-targeting_00096 negative_control
## 30 non-targeting_01763|non-targeting_02345 negative_control
## 31 non-targeting_01030|non-targeting_02990 negative_control
## 32 non-targeting_02448|non-targeting_02256 negative_control
## 33 non-targeting_01374|non-targeting_00185 negative_control
## 34 non-targeting_03098|non-targeting_01895 negative_control
## 35 non-targeting_00018|non-targeting_00127 negative_control
## 36 non-targeting_03492|non-targeting_00459 negative_control
## 37 non-targeting_02640|non-targeting_01574 negative_control
## 38 non-targeting_00811|non-targeting_01928 negative_control
## 39 non-targeting_00709|non-targeting_03400 negative_control
## 40 non-targeting_03262|non-targeting_01338 negative_control
## 41 non-targeting_00856|non-targeting_00467 negative_control
## 42 non-targeting_00597|non-targeting_00270 negative_control
## 43 non-targeting_03074|non-targeting_03325 negative_control
## 44 non-targeting_02276|non-targeting_03587 negative_control
## 45 non-targeting_01336|non-targeting_02222 negative_control
## 46 non-targeting_03381|non-targeting_03517 negative_control
## 47 non-targeting_03258|non-targeting_01564 negative_control
## 48 non-targeting_02624|non-targeting_01182 negative_control
## 49 non-targeting_03219|non-targeting_01733 negative_control
## 50 non-targeting_02052|non-targeting_01483 negative_control
## 51 non-targeting_02649|non-targeting_02725 negative_control
## 52 non-targeting_02138|non-targeting_02804 negative_control
## 53 non-targeting_03342|non-targeting_01473 negative_control
## 54 non-targeting_02845|non-targeting_01741 negative_control
## 55 non-targeting_02126|non-targeting_02323 negative_control
## 56 non-targeting_01739|non-targeting_01924 negative_control
## 57 non-targeting_03471|non-targeting_03652 negative_control
## 58 non-targeting_02037|non-targeting_02869 negative_control
## 59 non-targeting_01320|non-targeting_00737 negative_control
## 60 non-targeting_03060|non-targeting_03678 negative_control
## 61 non-targeting_02412|non-targeting_01387 negative_control
## 62 non-targeting_01975|non-targeting_03663 negative_control
## 63 non-targeting_01164|non-targeting_02895 negative_control
## 64 non-targeting_02801|non-targeting_02839 negative_control
## 65 non-targeting_03004|non-targeting_03662 negative_control
## 66 non-targeting_02181|non-targeting_01321 negative_control
## 67 non-targeting_00081|non-targeting_03672 negative_control
## 68 non-targeting_01114|non-targeting_02257 negative_control
## 69 non-targeting_02242|non-targeting_02371 negative_control
## 70 non-targeting_02205|non-targeting_00372 negative_control

```



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## 71 non-targeting_03035|non-targeting_03777 negative_control
## 72 non-targeting_00681|non-targeting_03509 negative_control
## 73 non-targeting_02027|non-targeting_00430 negative_control
## 74 non-targeting_01828|non-targeting_00135 negative_control
## 75 non-targeting_02511|non-targeting_01851 negative_control
## 76 non-targeting_00013|non-targeting_01297 negative_control
## 77 non-targeting_02513|non-targeting_00546 negative_control
## 78 non-targeting_00552|non-targeting_02770 negative_control
## 79 non-targeting_00618|non-targeting_00371 negative_control
## 80 non-targeting_03212|non-targeting_00673 negative_control
## 81 non-targeting_00232|non-targeting_02519 negative_control
## 82 non-targeting_02006|non-targeting_02722 negative_control
## 83 non-targeting_01206|non-targeting_00197 negative_control
## 84 non-targeting_00340|non-targeting_03051 negative_control
## 85 non-targeting_03480|non-targeting_01419 negative_control
## 86 non-targeting_02773|non-targeting_01803 negative_control
## 87 non-targeting_01050|non-targeting_01213 negative_control
## 88 non-targeting_03477|non-targeting_02464 negative_control
## 89 non-targeting_02466|non-targeting_03190 negative_control
## 90 non-targeting_00496|non-targeting_02153 negative_control
## 91 non-targeting_01649|non-targeting_01132 negative_control
## 92 non-targeting_00843|non-targeting_00774 negative_control
## 93 non-targeting_00970|non-targeting_01973 negative_control
## 94 non-targeting_02465|non-targeting_01624 negative_control
## 95 non-targeting_00147|non-targeting_03113 negative_control
## 96 non-targeting_00879|non-targeting_00778 negative_control
## 97 non-targeting_01034|non-targeting_02275 negative_control
## 98 non-targeting_01903|non-targeting_03667 negative_control
## 99 non-targeting_00092|non-targeting_00192 negative_control
## 100 non-targeting_03473|non-targeting_00255 negative_control
## 101 non-targeting_01269|non-targeting_02539 negative_control
## 102 non-targeting_01232|non-targeting_02028 negative_control
## 103 non-targeting_02283|non-targeting_02290 negative_control
## 104 non-targeting_03627|non-targeting_01531 negative_control
## 105 non-targeting_01631|non-targeting_01014 negative_control
## 106 non-targeting_00559|non-targeting_01021 negative_control
## 107 non-targeting_02567|non-targeting_02708 negative_control
## 108 non-targeting_01629|non-targeting_02931 negative_control
## 109 non-targeting_02872|non-targeting_01067 negative_control
## 110 non-targeting_00311|non-targeting_01406 negative_control
## 111 non-targeting_01779|non-targeting_03361 negative_control
## 112 non-targeting_03238|non-targeting_00512 negative_control
## 113 non-targeting_01660|non-targeting_01229 negative_control
## 114 non-targeting_01603|non-targeting_01563 negative_control
## 115 non-targeting_00161|non-targeting_02254 negative_control
## 116 non-targeting_01188|non-targeting_03030 negative_control
## 117 non-targeting_02209|non-targeting_02240 negative_control
## 118 non-targeting_03205|non-targeting_01589 negative_control
## 119 non-targeting_00367|non-targeting_03658 negative_control
## 120 non-targeting_02260|non-targeting_02349 negative_control
## 121 non-targeting_02492|non-targeting_03071 negative_control
## 122 non-targeting_01190|non-targeting_00619 negative_control
## 123 non-targeting_02459|non-targeting_01512 negative_control
## 124 non-targeting_02053|non-targeting_02584 negative_control

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## 125 non-targeting_02521|non-targeting_01091 negative_control
## 126 non-targeting_00771|non-targeting_02865 negative_control
## 127 non-targeting_00620|non-targeting_00532 negative_control
## 128 non-targeting_02306|non-targeting_00824 negative_control
## 129 non-targeting_01142|non-targeting_03096 negative_control
## 130 non-targeting_01359|non-targeting_01868 negative_control
## 131 non-targeting_01298|non-targeting_02984 negative_control
## 132 non-targeting_03486|non-targeting_00444 negative_control
## 133 non-targeting_01313|non-targeting_01015 negative_control
## 134 non-targeting_00531|non-targeting_01795 negative_control
## 135 non-targeting_00509|non-targeting_02389 negative_control
## 136 non-targeting_01341|non-targeting_02425 negative_control
## 137 non-targeting_00768|non-targeting_02867 negative_control
## 138 non-targeting_02057|non-targeting_01508 negative_control
## 139 non-targeting_02759|non-targeting_02561 negative_control
## 140 non-targeting_00753|non-targeting_01110 negative_control
## 141 non-targeting_01955|non-targeting_03532 negative_control
## 142 non-targeting_00470|non-targeting_02343 negative_control
## 143 non-targeting_01920|non-targeting_01275 negative_control
## 144 non-targeting_00442|non-targeting_01312 negative_control
## 145 non-targeting_01055|non-targeting_01396 negative_control
## 146 non-targeting_03753|non-targeting_00369 negative_control
## 147 non-targeting_00089|non-targeting_01490 negative_control
## 148 non-targeting_00410|non-targeting_00731 negative_control
## 149 non-targeting_03691|non-targeting_00087 negative_control
## 150 non-targeting_01744|non-targeting_03196 negative_control
## 151 non-targeting_02487|non-targeting_02435 negative_control
## 152 non-targeting_03762|non-targeting_02460 negative_control
## 153 non-targeting_02294|non-targeting_00535 negative_control
## 154 non-targeting_02004|non-targeting_00025 negative_control
## 155 non-targeting_00860|non-targeting_01972 negative_control
## 156 non-targeting_00431|non-targeting_00275 negative_control
## 157 non-targeting_02216|non-targeting_00700 negative_control
## 158 non-targeting_00696|non-targeting_03457 negative_control
## 159 non-targeting_00545|non-targeting_03125 negative_control
## 160 non-targeting_03247|non-targeting_02781 negative_control
## 161 non-targeting_02442|non-targeting_01830 negative_control
## 162 non-targeting_00539|non-targeting_03531 negative_control
## 163 non-targeting_02743|non-targeting_00008 negative_control
## 164 non-targeting_03394|non-targeting_02655 negative_control
## 165 non-targeting_03323|non-targeting_02337 negative_control
## 166 non-targeting_03438|non-targeting_00514 negative_control
## 167 non-targeting_01059|non-targeting_01988 negative_control
## 168 non-targeting_00977|non-targeting_01748 negative_control
## 169 non-targeting_00162|non-targeting_02683 negative_control
## 170 non-targeting_03385|non-targeting_01645 negative_control
## 171 non-targeting_00038|non-targeting_00083 negative_control
## 172 non-targeting_01611|non-targeting_01672 negative_control
## 173 non-targeting_03215|non-targeting_02798 negative_control
## 174 non-targeting_00022|non-targeting_02334 negative_control
## 175 non-targeting_03685|non-targeting_02934 negative_control
## 176 non-targeting_01730|non-targeting_03520 negative_control
## 177 non-targeting_03615|non-targeting_02225 negative_control
## 178 non-targeting_02533|non-targeting_03168 negative_control

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## 179 non-targeting_02259|non-targeting_02171 negative_control
## 180 non-targeting_02114|non-targeting_01891 negative_control
## 181 non-targeting_03152|non-targeting_02841 negative_control
## 182 non-targeting_03290|non-targeting_03021 negative_control
## 183 non-targeting_00676|non-targeting_01448 negative_control
## 184 non-targeting_02155|non-targeting_00500 negative_control
## 185 non-targeting_00169|non-targeting_03010 negative_control
## 186 non-targeting_03711|non-targeting_02359 negative_control
## 187 non-targeting_03396|non-targeting_03014 negative_control
## 188 non-targeting_00769|non-targeting_00944 negative_control
## 189 non-targeting_03774|non-targeting_00475 negative_control
## 190 non-targeting_01035|non-targeting_02622 negative_control
## 191 non-targeting_01706|non-targeting_01181 negative_control
## 192 non-targeting_01155|non-targeting_03313 negative_control
## 193 non-targeting_01822|non-targeting_02548 negative_control
## 194 non-targeting_02455|non-targeting_01880 negative_control
## 195 non-targeting_02493|non-targeting_02549 negative_control
## 196 non-targeting_00610|non-targeting_01244 negative_control
## 197 non-targeting_00027|non-targeting_00143 negative_control
## 198 non-targeting_03651|non-targeting_00637 negative_control
## 199 non-targeting_00699|non-targeting_03612 negative_control
## 200 non-targeting_03525|non-targeting_01686 negative_control
## 201 non-targeting_01162|non-targeting_00053 negative_control
## 202 non-targeting_02438|non-targeting_00448 negative_control
## 203 non-targeting_00474|non-targeting_03644 negative_control
## 204 non-targeting_00756|non-targeting_00219 negative_control
## 205 non-targeting_01778|non-targeting_00115 negative_control
## 206 non-targeting_02121|non-targeting_03008 negative_control
## 207 non-targeting_01853|non-targeting_01794 negative_control
## 208 non-targeting_00803|non-targeting_02757 negative_control
## 209 non-targeting_03203|non-targeting_00052 negative_control
## 210 non-targeting_00804|non-targeting_02930 negative_control
## 211 non-targeting_01695|non-targeting_02230 negative_control
## 212 non-targeting_00503|non-targeting_02159 negative_control
## 213 non-targeting_02328|non-targeting_00345 negative_control
## 214 non-targeting_00274|non-targeting_00794 negative_control
## 215 non-targeting_01392|non-targeting_01404 negative_control
## 216 non-targeting_00657|non-targeting_01692 negative_control
## 217 non-targeting_00632|non-targeting_01620 negative_control
## 218 non-targeting_02738|non-targeting_00469 negative_control
## 219 non-targeting_00121|non-targeting_00339 negative_control
## 220 non-targeting_01431|non-targeting_03194 negative_control
## 221 non-targeting_00945|non-targeting_00751 negative_control
## 222 non-targeting_00932|non-targeting_02311 negative_control
## 223 non-targeting_03054|non-targeting_01334 negative_control
## 224 non-targeting_02183|non-targeting_00846 negative_control
## 225 non-targeting_03114|non-targeting_00481 negative_control
## 226 non-targeting_03195|non-targeting_01057 negative_control
## 227 non-targeting_03324|non-targeting_02161 negative_control
## 228 non-targeting_01193|non-targeting_00733 negative_control
## 229 non-targeting_02039|non-targeting_01077 negative_control
## 230 non-targeting_01633|non-targeting_00310 negative_control
## 231 non-targeting_00862|non-targeting_00411 negative_control
## 232 non-targeting_00318|non-targeting_00877 negative_control

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## 233 non-targeting_01149|non-targeting_02763 negative_control
## 234 non-targeting_00931|non-targeting_02792 negative_control
## 235 non-targeting_00065|non-targeting_02434 negative_control
## 236 non-targeting_03735|non-targeting_03577 negative_control
## 237 non-targeting_03016|non-targeting_03214 negative_control
## 238 non-targeting_02364|non-targeting_02477 negative_control
## 239 non-targeting_02046|non-targeting_01500 negative_control
## 240 non-targeting_02421|non-targeting_00070 negative_control
## 241 non-targeting_02537|non-targeting_03399 negative_control
## 242 non-targeting_02010|non-targeting_01147 negative_control
## 243 non-targeting_02432|non-targeting_01810 negative_control
## 244 non-targeting_03491|non-targeting_01510 negative_control
## 245 non-targeting_01012|non-targeting_03042 negative_control
## 246 non-targeting_00923|non-targeting_01904 negative_control
## 247 non-targeting_02785|non-targeting_01983 negative_control
## 248 non-targeting_01717|non-targeting_01814 negative_control
## 249 non-targeting_00461|non-targeting_01378 negative_control
## 250 non-targeting_00982|non-targeting_03760 negative_control
## 251 non-targeting_01000|non-targeting_00231 negative_control
## 252 non-targeting_01527|non-targeting_03765 negative_control
## 253 non-targeting_01013|non-targeting_02005 negative_control
## 254 non-targeting_00116|non-targeting_02560 negative_control
## 255 non-targeting_01666|non-targeting_00671 negative_control
## 256 non-targeting_00517|non-targeting_01028 negative_control
## 257 non-targeting_00347|non-targeting_01314 negative_control
## 258 non-targeting_02152|non-targeting_03100 negative_control
## 259 non-targeting_00718|non-targeting_01902 negative_control
## 260 non-targeting_01118|non-targeting_01458 negative_control
## 261 non-targeting_01196|non-targeting_03048 negative_control
## 262 non-targeting_00180|non-targeting_01979 negative_control
## 263 non-targeting_00634|non-targeting_01548 negative_control
## 264 non-targeting_03507|non-targeting_00615 negative_control
## 265 non-targeting_02293|non-targeting_03178 negative_control
## 266 non-targeting_03089|non-targeting_01127 negative_control
## 267 non-targeting_03123|non-targeting_03725 negative_control
## 268 non-targeting_02180|non-targeting_00439 negative_control
## 269 non-targeting_00831|non-targeting_01058 negative_control
## 270 non-targeting_00190|non-targeting_01408 negative_control
## 271 non-targeting_03523|non-targeting_00802 negative_control
## 272 non-targeting_00550|non-targeting_00606 negative_control
## 273 non-targeting_00544|non-targeting_02386 negative_control
## 274 non-targeting_03358|non-targeting_02092 negative_control
## 275 non-targeting_02416|non-targeting_03463 negative_control
## 276 non-targeting_02357|non-targeting_02156 negative_control
## 277 non-targeting_01279|non-targeting_02614 negative_control
## 278 non-targeting_01586|non-targeting_02844 negative_control
## 279 non-targeting_02446|non-targeting_00513 negative_control
## 280 non-targeting_01542|non-targeting_01896 negative_control
## 281 non-targeting_01681|non-targeting_03130 negative_control
## 282 non-targeting_02358|non-targeting_00822 negative_control
## 283 non-targeting_03552|non-targeting_01537 negative_control
## 284 non-targeting_00247|non-targeting_00113 negative_control
## 285 non-targeting_00501|non-targeting_01502 negative_control
## 286 non-targeting_02332|non-targeting_03333 negative_control

```

```

## 287 non-targeting_03462|non-targeting_00434 negative_control
## 288 non-targeting_03043|non-targeting_00703 negative_control
## 289 non-targeting_00963|non-targeting_03321 negative_control
## 290 non-targeting_03416|non-targeting_01974 negative_control
## 291 non-targeting_00609|non-targeting_02945 negative_control
## 292 non-targeting_01185|non-targeting_02678 negative_control
## 293 non-targeting_01161|non-targeting_02504 negative_control
## 294 non-targeting_00587|non-targeting_01019 negative_control
## 295 non-targeting_01792|non-targeting_02575 negative_control
## 296 non-targeting_02273|non-targeting_03719 negative_control
## 297 non-targeting_00281|non-targeting_01340 negative_control
## 298 non-targeting_00623|non-targeting_02740 negative_control
## 299 non-targeting_01833|non-targeting_01864 negative_control
## 300 non-targeting_00750|non-targeting_02554 negative_control
## 301 non-targeting_01957|non-targeting_01159 negative_control
## 302 non-targeting_03489|non-targeting_02373 negative_control
## 303 non-targeting_00613|non-targeting_01699 negative_control
## 304 non-targeting_03444|non-targeting_02117 negative_control
## 305 non-targeting_00205|non-targeting_02976 negative_control
## 306 non-targeting_00957|non-targeting_02566 negative_control
## 307 non-targeting_02340|non-targeting_00631 negative_control
## 308 non-targeting_03467|non-targeting_01317 negative_control
## 309 non-targeting_03647|non-targeting_00899 negative_control
## 310 non-targeting_03148|non-targeting_00109 negative_control
## 311 non-targeting_03549|non-targeting_01559 negative_control
## 312 non-targeting_02840|non-targeting_01049 negative_control
## 313 non-targeting_03591|non-targeting_02077 negative_control
## 314 non-targeting_01053|non-targeting_02769 negative_control
## 315 non-targeting_02080|non-targeting_00151 negative_control
## 316 non-targeting_01775|non-targeting_02333 negative_control
## 317 non-targeting_01047|non-targeting_00258 negative_control
## 318 non-targeting_03081|non-targeting_02975 negative_control
## 319 non-targeting_03649|non-targeting_00208 negative_control
## 320 non-targeting_03721|non-targeting_02172 negative_control
## 321 non-targeting_03162|non-targeting_00358 negative_control
## 322 non-targeting_01122|non-targeting_01494 negative_control
## 323 non-targeting_00106|non-targeting_02193 negative_control
## 324 non-targeting_01425|non-targeting_00639 negative_control
## 325 non-targeting_03783|non-targeting_02098 negative_control
## 326 non-targeting_02633|non-targeting_02546 negative_control
## 327 non-targeting_01999|non-targeting_01911 negative_control
## 328 non-targeting_00602|non-targeting_03763 negative_control
## 329 non-targeting_02846|non-targeting_02817 negative_control
## 330 non-targeting_03665|non-targeting_03703 negative_control
## 331 non-targeting_00144|non-targeting_02076 negative_control
## 332 non-targeting_02779|non-targeting_03470 negative_control
## 333 non-targeting_02298|non-targeting_03336 negative_control
## 334 non-targeting_03483|non-targeting_01497 negative_control
## 335 non-targeting_03768|non-targeting_01358 negative_control
## 336 non-targeting_01907|non-targeting_01998 negative_control
## 337 non-targeting_01412|non-targeting_02078 negative_control
## 338 non-targeting_02883|non-targeting_03575 negative_control
## 339 non-targeting_00827|non-targeting_02601 negative_control
## 340 non-targeting_02265|non-targeting_02106 negative_control

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## 341 non-targeting_01218|non-targeting_02001 negative_control
## 342 non-targeting_03482|non-targeting_02176 negative_control
## 343 non-targeting_02488|non-targeting_02609 negative_control
## 344 non-targeting_01948|non-targeting_02744 negative_control
## 345 non-targeting_00057|non-targeting_00277 negative_control
## 346 non-targeting_01048|non-targeting_01443 negative_control
## 347 non-targeting_03318|non-targeting_00221 negative_control
## 348 non-targeting_00426|non-targeting_01970 negative_control
## 349 non-targeting_01349|non-targeting_01064 negative_control
## 350 non-targeting_00821|non-targeting_00394 negative_control
## 351 non-targeting_02498|non-targeting_03354 negative_control
## 352 non-targeting_01938|non-targeting_03442 negative_control
## 353 non-targeting_02095|non-targeting_00515 negative_control
## 354 non-targeting_02654|non-targeting_02082 negative_control
## 355 non-targeting_01919|non-targeting_03067 negative_control
## 356 non-targeting_02777|non-targeting_02170 negative_control
## 357 non-targeting_00445|non-targeting_02824 negative_control
## 358 non-targeting_01969|non-targeting_02893 negative_control
## 359 non-targeting_03249|non-targeting_01286 negative_control
## 360 non-targeting_03273|non-targeting_00825 negative_control
## 361 non-targeting_02825|non-targeting_01847 negative_control
## 362 non-targeting_02444|non-targeting_03378 negative_control
## 363 non-targeting_01914|non-targeting_03386 negative_control
## 364 non-targeting_03555|non-targeting_03220 negative_control
## 365 non-targeting_01825|non-targeting_01637 negative_control
## 366 non-targeting_01797|non-targeting_01106 negative_control
## 367 non-targeting_02312|non-targeting_01784 negative_control
## 368 non-targeting_03236|non-targeting_01673 negative_control
## 369 non-targeting_02983|non-targeting_02666 negative_control
## 370 non-targeting_02262|non-targeting_02688 negative_control
## 371 non-targeting_01607|non-targeting_01052 negative_control
## 372 non-targeting_01532|non-targeting_02599 negative_control
## 373 non-targeting_03454|non-targeting_01173 negative_control
## 374 non-targeting_00880|non-targeting_01345 negative_control
## 375 non-targeting_02712|non-targeting_02380 negative_control
## 376 non-targeting_00167|non-targeting_00392 negative_control
## 377 non-targeting_02570|non-targeting_01477 negative_control
## 378 non-targeting_00799|non-targeting_00833 negative_control
## 379 non-targeting_00293|non-targeting_03688 negative_control
## 380 non-targeting_03129|non-targeting_01952 negative_control
## 381 non-targeting_02151|non-targeting_01749 negative_control
## 382 non-targeting_00762|non-targeting_02986 negative_control
## 383 non-targeting_02192|non-targeting_01728 negative_control
## 384 non-targeting_02278|non-targeting_02815 negative_control
## 385 non-targeting_02637|non-targeting_00926 negative_control
## 386 non-targeting_02597|non-targeting_01282 negative_control
## 387 non-targeting_00940|non-targeting_00465 negative_control
## 388 non-targeting_02314|non-targeting_02526 negative_control
## 389 non-targeting_00327|non-targeting_01249 negative_control
## 390 non-targeting_00320|non-targeting_01616 negative_control
## 391 non-targeting_01177|non-targeting_02711 negative_control
## 392 non-targeting_03751|non-targeting_00758 negative_control
## 393 non-targeting_02586|non-targeting_00257 negative_control
## 394 non-targeting_02417|non-targeting_03264 negative_control

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## 395 non-targeting_01908|non-targeting_03776 negative_control
## 396 non-targeting_00910|non-targeting_03208 negative_control
## 397 non-targeting_03715|non-targeting_02480 negative_control
## 398 non-targeting_01295|non-targeting_01866 negative_control
## 399 non-targeting_00784|non-targeting_00251 negative_control
## 400 non-targeting_02608|non-targeting_01901 negative_control
## 401 non-targeting_01086|non-targeting_01580 negative_control
## 402 non-targeting_02774|non-targeting_00697 negative_control
## 403 non-targeting_02750|non-targeting_00617 negative_control
## 404 non-targeting_02908|non-targeting_02422 negative_control
## 405 non-targeting_03623|non-targeting_02639 negative_control
## 406 non-targeting_00227|non-targeting_01764 negative_control
## 407 non-targeting_02937|non-targeting_00325 negative_control
## 408 non-targeting_00031|non-targeting_00014 negative_control
## 409 non-targeting_00271|non-targeting_03192 negative_control
## 410 non-targeting_00787|non-targeting_02341 negative_control
## 411 non-targeting_01985|non-targeting_02270 negative_control
## 412 non-targeting_01421|non-targeting_02598 negative_control
## 413 non-targeting_03624|non-targeting_03589 negative_control
## 414 non-targeting_01819|non-targeting_01912 negative_control
## 415 non-targeting_00479|non-targeting_03515 negative_control
## 416 non-targeting_00612|non-targeting_03415 negative_control
## 417 non-targeting_01136|non-targeting_01683 negative_control
## 418 non-targeting_00678|non-targeting_02387 negative_control
## 419 non-targeting_02457|non-targeting_01729 negative_control
## 420 non-targeting_00006|non-targeting_00706 negative_control
## 421 non-targeting_03479|non-targeting_01475 negative_control
## 422 non-targeting_00250|non-targeting_02146 negative_control
## 423 non-targeting_00183|non-targeting_01885 negative_control
## 424 non-targeting_00996|non-targeting_01756 negative_control
## 425 non-targeting_00265|non-targeting_00888 negative_control
## 426 non-targeting_03181|non-targeting_01276 negative_control
## 427 non-targeting_02797|non-targeting_02967 negative_control
## 428 non-targeting_02524|non-targeting_01364 negative_control
## 429 non-targeting_00672|non-targeting_01993 negative_control
## 430 non-targeting_00999|non-targeting_03641 negative_control
## 431 non-targeting_00068|non-targeting_00473 negative_control
## 432 non-targeting_02847|non-targeting_00134 negative_control
## 433 non-targeting_00433|non-targeting_00254 negative_control
## 434 non-targeting_01961|non-targeting_00390 negative_control
## 435 non-targeting_00020|non-targeting_01323 negative_control
## 436 non-targeting_02247|non-targeting_03104 negative_control
## 437 non-targeting_00288|non-targeting_00845 negative_control
## 438 non-targeting_01288|non-targeting_02942 negative_control
## 439 non-targeting_00702|non-targeting_02833 negative_control
## 440 non-targeting_01355|non-targeting_01062 negative_control
## 441 non-targeting_02578|non-targeting_02124 negative_control
## 442 non-targeting_02906|non-targeting_02246 negative_control
## 443 non-targeting_03307|non-targeting_01551 negative_control
## 444 non-targeting_03037|non-targeting_02673 negative_control
## 445 non-targeting_00037|non-targeting_03093 negative_control
## 446 non-targeting_02227|non-targeting_00139 negative_control
## 447 non-targeting_02628|non-targeting_01634 negative_control
## 448 non-targeting_02544|non-targeting_00995 negative_control

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## 449 non-targeting_00077|non-targeting_01678 negative_control
## 450 non-targeting_02776|non-targeting_03769 negative_control
## 451 non-targeting_02621|non-targeting_02020 negative_control
## 452 non-targeting_00984|non-targeting_02665 negative_control
## 453 non-targeting_01296|non-targeting_00786 negative_control
## 454 non-targeting_02636|non-targeting_01299 negative_control
## 455 non-targeting_01933|non-targeting_03701 negative_control
## 456 non-targeting_02860|non-targeting_03270 negative_control
## 457 non-targeting_01583|non-targeting_03414 negative_control
## 458 non-targeting_02819|non-targeting_01549 negative_control
## 459 non-targeting_01712|non-targeting_03276 negative_control
## 460 non-targeting_00903|non-targeting_00000 negative_control
## 461 non-targeting_00454|non-targeting_01874 negative_control
## 462 non-targeting_03670|non-targeting_01094 negative_control
## 463 non-targeting_02451|non-targeting_02032 negative_control
## 464 non-targeting_03513|non-targeting_01023 negative_control
## 465 non-targeting_03080|non-targeting_01844 negative_control
## 466 non-targeting_00484|non-targeting_03309 negative_control
## 467 non-targeting_03124|non-targeting_01444 negative_control
## 468 non-targeting_03514|non-targeting_00735 negative_control
## 469 non-targeting_03279|non-targeting_03580 negative_control
## 470 non-targeting_01826|non-targeting_03083 negative_control
## 471 non-targeting_03572|non-targeting_03412 negative_control
## 472 non-targeting_01227|non-targeting_02878 negative_control
## 473 non-targeting_01235|non-targeting_02619 negative_control
## 474 non-targeting_02803|non-targeting_02441 negative_control
## 475 non-targeting_00592|non-targeting_03254 negative_control
## 476 non-targeting_03461|non-targeting_01773 negative_control
## 477 non-targeting_01550|non-targeting_03505 negative_control
## 478 non-targeting_01460|non-targeting_02125 negative_control
## 479 non-targeting_00355|non-targeting_01829 negative_control
## 480 non-targeting_03116|non-targeting_00126 negative_control
## 481 non-targeting_02816|non-targeting_02012 negative_control
## 482 non-targeting_01044|non-targeting_02338 negative_control
## 483 non-targeting_02894|non-targeting_01038 negative_control
## 484 non-targeting_01382|non-targeting_02469 negative_control
## 485 non-targeting_02282|non-targeting_01099 negative_control
## 486 non-targeting_00823|non-targeting_03199 negative_control
## 487 non-targeting_01917|non-targeting_00370 negative_control
## 488 non-targeting_01861|non-targeting_01704 negative_control
## 489 non-targeting_03441|non-targeting_00663 negative_control
## 490 non-targeting_01628|non-targeting_03433 negative_control
## 491 non-targeting_00412|non-targeting_02913 negative_control
## 492 non-targeting_03198|non-targeting_03408 negative_control
## 493 non-targeting_00819|non-targeting_00111 negative_control
## 494 non-targeting_02882|non-targeting_01905 negative_control
## 495 non-targeting_01736|non-targeting_01474 negative_control
## 496 non-targeting_00693|non-targeting_02043 negative_control
## 497 non-targeting_02038|non-targeting_01350 negative_control
## 498 non-targeting_02326|non-targeting_01614 negative_control
## 499 non-targeting_00582|non-targeting_02704 negative_control
## 500 non-targeting_00698|non-targeting_02362 negative_control
## 501 non-targeting_02461|non-targeting_00432 negative_control
## 502 non-targeting_03445|non-targeting_00648 negative_control

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## 503 non-targeting_02211|non-targeting_00261 negative_control
## 504 non-targeting_03554|non-targeting_01676 negative_control
## 505 non-targeting_02896|non-targeting_03244 negative_control
## 506 non-targeting_02253|non-targeting_03421 negative_control
## 507 non-targeting_03581|non-targeting_00730 negative_control
## 508 non-targeting_01817|non-targeting_03136 negative_control
## 509 non-targeting_01958|non-targeting_03465 negative_control
## 510 non-targeting_01432|non-targeting_03428 negative_control
## 511 non-targeting_02200|non-targeting_01033 negative_control
## 512 non-targeting_02271|non-targeting_01789 negative_control
## 513 non-targeting_02691|non-targeting_01195 negative_control
## 514 non-targeting_00919|non-targeting_01328 negative_control
## 515 non-targeting_00930|non-targeting_03450 negative_control
## 516 non-targeting_03622|non-targeting_03138 negative_control
## 517 non-targeting_01939|non-targeting_03024 negative_control
## 518 non-targeting_02802|non-targeting_02033 negative_control
## 519 non-targeting_03346|non-targeting_01783 negative_control
## 520 non-targeting_01530|non-targeting_03007 negative_control
## 521 non-targeting_00839|non-targeting_00103 negative_control
## 522 non-targeting_02877|non-targeting_03592 negative_control
## 523 non-targeting_00062|non-targeting_02518 negative_control
## 524 non-targeting_03137|non-targeting_01807 negative_control
## 525 non-targeting_03593|non-targeting_02944 negative_control
## 526 non-targeting_00446|non-targeting_00196 negative_control
## 527 non-targeting_02989|non-targeting_02406 negative_control
## 528 non-targeting_00863|non-targeting_01393 negative_control
## 529 non-targeting_01342|non-targeting_01307 negative_control
## 530 non-targeting_03518|non-targeting_02527 negative_control
## 531 non-targeting_01522|non-targeting_01520 negative_control
## 532 non-targeting_02963|non-targeting_00641 negative_control
## 533 non-targeting_01987|non-targeting_02992 negative_control
## 534 non-targeting_02835|non-targeting_00901 negative_control
## 535 non-targeting_01892|non-targeting_02245 negative_control
## 536 non-targeting_00540|non-targeting_01609 negative_control
## 537 non-targeting_02602|non-targeting_02903 negative_control
## 538 non-targeting_00306|non-targeting_00477 negative_control
## 539 non-targeting_00541|non-targeting_03595 negative_control
## 540 non-targeting_03045|non-targeting_02403 negative_control
## 541 non-targeting_00204|non-targeting_00553 negative_control
## 542 non-targeting_01869|non-targeting_02165 negative_control
## 543 non-targeting_00809|non-targeting_03613 negative_control
## 544 non-targeting_03263|non-targeting_01638 negative_control
## 545 non-targeting_02297|non-targeting_01410 negative_control
## 546 non-targeting_02433|non-targeting_01821 negative_control
## 547 non-targeting_02935|non-targeting_00421 negative_control
## 548 non-targeting_01806|non-targeting_01016 negative_control
## 549 non-targeting_00921|non-targeting_01174 negative_control
## 550 non-targeting_03352|non-targeting_00933 negative_control
## 551 non-targeting_02960|non-targeting_00456 negative_control
## 552 non-targeting_00629|non-targeting_02978 negative_control
## 553 non-targeting_02775|non-targeting_02565 negative_control
## 554 non-targeting_02093|non-targeting_00955 negative_control
## 555 non-targeting_02748|non-targeting_02806 negative_control
## 556 non-targeting_01798|non-targeting_01119 negative_control

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## 557 non-targeting_02684|non-targeting_03653 negative_control
## 558 non-targeting_03347|non-targeting_03546 negative_control
## 559 non-targeting_01804|non-targeting_01360 negative_control
## 560 non-targeting_02600|non-targeting_01131 negative_control
## 561 non-targeting_02167|non-targeting_00049 negative_control
## 562 non-targeting_02694|non-targeting_01253 negative_control
## 563 non-targeting_02716|non-targeting_00915 negative_control
## 564 non-targeting_03679|non-targeting_01381 negative_control
## 565 non-targeting_02226|non-targeting_02217 negative_control
## 566 non-targeting_03044|non-targeting_00667 negative_control
## 567 non-targeting_03306|non-targeting_03356 negative_control
## 568 non-targeting_03250|non-targeting_00767 negative_control
## 569 non-targeting_01992|non-targeting_00908 negative_control
## 570 non-targeting_00131|non-targeting_02325 negative_control
## 571 non-targeting_02799|non-targeting_02828 negative_control
## 572 non-targeting_02160|non-targeting_03127 negative_control
## 573 non-targeting_00295|non-targeting_00583 negative_control
## 574 non-targeting_00934|non-targeting_02971 negative_control
## 575 non-targeting_00987|non-targeting_01594 negative_control
## 576 non-targeting_01541|non-targeting_01029 negative_control
## 577 non-targeting_03068|non-targeting_00091 negative_control
## 578 non-targeting_02596|non-targeting_01746 negative_control
## 579 non-targeting_00958|non-targeting_00482 negative_control
## 580 non-targeting_01572|non-targeting_01752 negative_control
## 581 non-targeting_00736|non-targeting_02197 negative_control
## 582 non-targeting_00538|non-targeting_03038 negative_control
## 583 non-targeting_01139|non-targeting_00725 negative_control
## 584 non-targeting_00351|non-targeting_02158 negative_control
## 585 non-targeting_02729|non-targeting_03508 negative_control
## 586 non-targeting_01947|non-targeting_02641 negative_control
## 587 non-targeting_00447|non-targeting_03431 negative_control
## 588 non-targeting_00047|non-targeting_00882 negative_control
## 589 non-targeting_02243|non-targeting_00182 negative_control
## 590 non-targeting_03135|non-targeting_02838 negative_control
## 591 non-targeting_02166|non-targeting_01584 negative_control
## 592 non-targeting_01956|non-targeting_00471 negative_control
## 593 non-targeting_01344|non-targeting_02013 negative_control
## 594 non-targeting_01757|non-targeting_01262 negative_control
## 595 non-targeting_00407|non-targeting_01523 negative_control
## 596 non-targeting_02248|non-targeting_02255 negative_control
## 597 non-targeting_03548|non-targeting_00145 negative_control
## 598 non-targeting_00518|non-targeting_03397 negative_control
## 599 non-targeting_03429|non-targeting_00079 negative_control
## 600 non-targeting_00365|non-targeting_00876 negative_control
## 601 non-targeting_03345|non-targeting_02920 negative_control
## 602 non-targeting_02374|non-targeting_01832 negative_control
## 603 non-targeting_00177|non-targeting_02660 negative_control
## 604 non-targeting_03176|non-targeting_02026 negative_control
## 605 non-targeting_01209|non-targeting_00834 negative_control
## 606 non-targeting_02437|non-targeting_00925 negative_control
## 607 non-targeting_02202|non-targeting_03764 negative_control
## 608 non-targeting_01357|non-targeting_02697 negative_control
## 609 non-targeting_00483|non-targeting_03391 negative_control
## 610 non-targeting_03478|non-targeting_00527 negative_control

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## 611 non-targeting_03012|non-targeting_03684 negative_control
## 612 non-targeting_03758|non-targeting_00493 negative_control
## 613 non-targeting_03510|non-targeting_01602 negative_control
## 614 non-targeting_03692|non-targeting_00661 negative_control
## 615 non-targeting_00035|non-targeting_03439 negative_control
## 616 non-targeting_01281|non-targeting_01871 negative_control
## 617 non-targeting_02154|non-targeting_01007 negative_control
## 618 non-targeting_03787|non-targeting_00777 negative_control
## 619 non-targeting_00216|non-targeting_00857 negative_control
## 620 non-targeting_01566|non-targeting_03182 negative_control
## 621 non-targeting_01759|non-targeting_01351 negative_control
## 622 non-targeting_03614|non-targeting_03586 negative_control
## 623 non-targeting_01581|non-targeting_03406 negative_control
## 624 non-targeting_03185|non-targeting_00576 negative_control
## 625 non-targeting_03522|non-targeting_02177 negative_control
## 626 non-targeting_01679|non-targeting_03610 negative_control
## 627 non-targeting_03006|non-targeting_00233 negative_control
## 628 non-targeting_03560|non-targeting_02075 negative_control
## 629 non-targeting_03028|non-targeting_01238 negative_control
## 630 non-targeting_01720|non-targeting_01811 negative_control
## 631 non-targeting_03750|non-targeting_03232 negative_control
## 632 non-targeting_01525|non-targeting_01380 negative_control
## 633 non-targeting_01945|non-targeting_00636 negative_control
## 634 non-targeting_00234|non-targeting_02569 negative_control
## 635 non-targeting_03426|non-targeting_02982 negative_control
## 636 non-targeting_00806|non-targeting_02762 negative_control
## 637 non-targeting_00198|non-targeting_01434 negative_control
## 638 non-targeting_02747|non-targeting_02525 negative_control
## 639 non-targeting_02310|non-targeting_00883 negative_control
## 640 non-targeting_00528|non-targeting_03757 negative_control
## 641 non-targeting_01373|non-targeting_01032 negative_control
## 642 non-targeting_02946|non-targeting_03268 negative_control
## 643 non-targeting_00920|non-targeting_00174 negative_control
## 644 non-targeting_01399|non-targeting_00303 negative_control
## 645 non-targeting_02514|non-targeting_02058 negative_control
## 646 non-targeting_00278|non-targeting_00279 negative_control
## 647 non-targeting_00792|non-targeting_02296 negative_control
## 648 non-targeting_01368|non-targeting_02699 negative_control
## 649 non-targeting_00537|non-targeting_00968 negative_control
## 650 non-targeting_02794|non-targeting_01479 negative_control
## 651 non-targeting_01705|non-targeting_02538 negative_control
## 652 non-targeting_02232|non-targeting_03437 negative_control
## 653 non-targeting_02162|non-targeting_01818 negative_control
## 654 non-targeting_02698|non-targeting_03556 negative_control
## 655 non-targeting_02559|non-targeting_01481 negative_control
## 656 non-targeting_03340|non-targeting_02859 negative_control
## 657 non-targeting_01471|non-targeting_03683 negative_control
## 658 non-targeting_01570|non-targeting_02784 negative_control
## 659 non-targeting_03237|non-targeting_02700 negative_control
## 660 non-targeting_02736|non-targeting_00785 negative_control
## 661 non-targeting_02957|non-targeting_00713 negative_control
## 662 non-targeting_02791|non-targeting_03550 negative_control
## 663 non-targeting_01097|non-targeting_03311 negative_control
## 664 non-targeting_03694|non-targeting_02277 negative_control

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## 665 non-targeting_00986|non-targeting_00554 negative_control
## 666 non-targeting_03731|non-targeting_02863 negative_control
## 667 non-targeting_03027|non-targeting_00744 negative_control
## 668 non-targeting_01881|non-targeting_00848 negative_control
## 669 non-targeting_03052|non-targeting_02210 negative_control
## 670 non-targeting_02035|non-targeting_03407 negative_control
## 671 non-targeting_00438|non-targeting_00603 negative_control
## 672 non-targeting_02855|non-targeting_01051 negative_control
## 673 non-targeting_01469|non-targeting_02714 negative_control
## 674 non-targeting_02002|non-targeting_02143 negative_control
## 675 non-targeting_01031|non-targeting_00562 negative_control
## 676 non-targeting_01989|non-targeting_01304 negative_control
## 677 non-targeting_03785|non-targeting_00377 negative_control
## 678 non-targeting_00684|non-targeting_02962 negative_control
## 679 non-targeting_00209|non-targeting_00237 negative_control
## 680 non-targeting_03368|non-targeting_02140 negative_control
## 681 non-targeting_02034|non-targeting_02136 negative_control
## 682 non-targeting_00026|non-targeting_02263 negative_control
## 683 non-targeting_00502|non-targeting_01405 negative_control
## 684 non-targeting_00317|non-targeting_00201 negative_control
## 685 non-targeting_03639|non-targeting_01632 negative_control
## 686 non-targeting_02520|non-targeting_01428 negative_control
## 687 non-targeting_00359|non-targeting_03671 negative_control
## 688 non-targeting_01109|non-targeting_00206 negative_control
## 689 non-targeting_00050|non-targeting_03642 negative_control
## 690 non-targeting_00170|non-targeting_02581 negative_control
## 691 non-targeting_03756|non-targeting_01543 negative_control
## 692 non-targeting_02030|non-targeting_01760 negative_control
## 693 non-targeting_01978|non-targeting_01105 negative_control
## 694 non-targeting_02074|non-targeting_01707 negative_control
## 695 non-targeting_01093|non-targeting_02104 negative_control
## 696 non-targeting_01484|non-targeting_00622 negative_control
## 697 non-targeting_00039|non-targeting_01771 negative_control
## 698 non-targeting_02821|non-targeting_02347 negative_control
## 699 non-targeting_02049|non-targeting_03476 negative_control
## 700 non-targeting_02643|non-targeting_02008 negative_control
## 701 non-targeting_00991|non-targeting_00506 negative_control
## 702 non-targeting_01528|non-targeting_03709 negative_control
## 703 non-targeting_03001|non-targeting_03015 negative_control
## 704 non-targeting_00998|non-targeting_00141 negative_control
## 705 non-targeting_00287|non-targeting_01691 negative_control
## 706 non-targeting_03291|non-targeting_00453 negative_control
## 707 non-targeting_03398|non-targeting_02889 negative_control
## 708 non-targeting_01403|non-targeting_00732 negative_control
## 709 non-targeting_01942|non-targeting_03002 negative_control
## 710 non-targeting_01849|non-targeting_03668 negative_control
## 711 non-targeting_02309|non-targeting_00330 negative_control
## 712 non-targeting_00419|non-targeting_02843 negative_control
## 713 non-targeting_00286|non-targeting_01420 negative_control
## 714 non-targeting_02481|non-targeting_02587 negative_control
## 715 non-targeting_00907|non-targeting_00238 negative_control
## 716 non-targeting_00332|non-targeting_01927 negative_control
## 717 non-targeting_01976|non-targeting_00463 negative_control
## 718 non-targeting_02307|non-targeting_02721 negative_control

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## 719 non-targeting_01326|non-targeting_03782 negative_control
## 720 non-targeting_02229|non-targeting_03253 negative_control
## 721 non-targeting_02996|non-targeting_01112 negative_control
## 722 non-targeting_03269|non-targeting_00391 negative_control
## 723 non-targeting_02764|non-targeting_02175 negative_control
## 724 non-targeting_00314|non-targeting_02555 negative_control
## 725 non-targeting_00895|non-targeting_01040 negative_control
## 726 non-targeting_01894|non-targeting_01677 negative_control
## 727 non-targeting_01008|non-targeting_00425 negative_control
## 728 non-targeting_00712|non-targeting_03169 negative_control
## 729 non-targeting_02501|non-targeting_02402 negative_control
## 730 non-targeting_03446|non-targeting_00668 negative_control
## 731 non-targeting_02385|non-targeting_03167 negative_control
## 732 non-targeting_03526|non-targeting_01571 negative_control
## 733 non-targeting_01371|non-targeting_00870 negative_control
## 734 non-targeting_03141|non-targeting_03160 negative_control
## 735 non-targeting_02070|non-targeting_03070 negative_control
## 736 non-targeting_00220|non-targeting_00362 negative_control
## 737 non-targeting_02999|non-targeting_03659 negative_control
## 738 non-targeting_00508|non-targeting_03570 negative_control
## 739 non-targeting_02661|non-targeting_02909 negative_control
## 740 non-targeting_03616|non-targeting_00195 negative_control
## 741 non-targeting_03223|non-targeting_00457 negative_control
## 742 non-targeting_03332|non-targeting_02189 negative_control
## 743 non-targeting_03500|non-targeting_03402 negative_control
## 744 non-targeting_02021|non-targeting_00117 negative_control
## 745 non-targeting_00652|non-targeting_02540 negative_control
## 746 non-targeting_03713|non-targeting_01916 negative_control
## 747 non-targeting_01859|non-targeting_03380 negative_control
## 748 non-targeting_00341|non-targeting_03528 negative_control
## 749 non-targeting_01831|non-targeting_03734 negative_control
## 750 non-targeting_03630|non-targeting_02353 negative_control
## 751 non-targeting_02668|non-targeting_03017 negative_control
## 752 non-targeting_00210|non-targeting_02497 negative_control
## 753 non-targeting_01224|non-targeting_00504 negative_control
## 754 non-targeting_00266|non-targeting_00589 negative_control
## 755 non-targeting_00218|non-targeting_00004 negative_control
## 756 non-targeting_02800|non-targeting_00088 negative_control
## 757 non-targeting_03455|non-targeting_02881 negative_control
## 758 non-targeting_01591|non-targeting_00063 negative_control
## 759 non-targeting_03705|non-targeting_01623 negative_control
## 760 non-targeting_02705|non-targeting_01092 negative_control
## 761 non-targeting_01567|non-targeting_00596 negative_control
## 762 non-targeting_00670|non-targeting_02805 negative_control
## 763 non-targeting_00005|non-targeting_01689 negative_control
## 764 non-targeting_02610|non-targeting_00150 negative_control
## 765 non-targeting_01986|non-targeting_00058 negative_control
## 766 non-targeting_00781|non-targeting_01302 negative_control
## 767 non-targeting_02331|non-targeting_02470 negative_control
## 768 non-targeting_00776|non-targeting_03320 negative_control
## 769 non-targeting_01273|non-targeting_03357 negative_control
## 770 non-targeting_02741|non-targeting_00859 negative_control
## 771 non-targeting_03197|non-targeting_01293 negative_control
## 772 non-targeting_01236|non-targeting_03229 negative_control

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## 773 non-targeting_01734|non-targeting_03775 negative_control
## 774 non-targeting_01257|non-targeting_03078 negative_control
## 775 non-targeting_01879|non-targeting_00378 negative_control
## 776 non-targeting_00570|non-targeting_02137 negative_control
## 777 non-targeting_02399|non-targeting_01547 negative_control
## 778 non-targeting_02135|non-targeting_00872 negative_control
## 779 non-targeting_02635|non-targeting_02356 negative_control
## 780 non-targeting_01668|non-targeting_00791 negative_control
## 781 non-targeting_00298|non-targeting_01888 negative_control
## 782 non-targeting_01857|non-targeting_01068 negative_control
## 783 non-targeting_01922|non-targeting_03434 negative_control
## 784 non-targeting_00914|non-targeting_00605 negative_control
## 785 non-targeting_00119|non-targeting_02445 negative_control
## 786 non-targeting_02789|non-targeting_00992 negative_control
## 787 non-targeting_03553|non-targeting_03304 negative_control
## 788 non-targeting_01101|non-targeting_02369 negative_control
## 789 non-targeting_03296|non-targeting_03317 negative_control
## 790 non-targeting_01197|non-targeting_02671 negative_control
## 791 non-targeting_01684|non-targeting_01932 negative_control
## 792 non-targeting_03248|non-targeting_02361 negative_control
## 793 non-targeting_02787|non-targeting_01465 negative_control
## 794 non-targeting_02237|non-targeting_02250 negative_control
## 795 non-targeting_00611|non-targeting_01555 negative_control
## 796 non-targeting_00557|non-targeting_00240 negative_control
## 797 non-targeting_01900|non-targeting_01280 negative_control
## 798 non-targeting_02573|non-targeting_00654 negative_control
## 799 non-targeting_00664|non-targeting_02503 negative_control
## 800 non-targeting_00797|non-targeting_01685 negative_control
## 801 non-targeting_02085|non-targeting_03789 negative_control
## 802 non-targeting_03180|non-targeting_03033 negative_control
## 803 non-targeting_02949|non-targeting_03588 negative_control
## 804 non-targeting_02354|non-targeting_01234 negative_control
## 805 non-targeting_00689|non-targeting_01836 negative_control
## 806 non-targeting_01981|non-targeting_01172 negative_control
## 807 non-targeting_03475|non-targeting_01545 negative_control
## 808 non-targeting_01283|non-targeting_03681 negative_control
## 809 non-targeting_03275|non-targeting_01954 negative_control
## 810 non-targeting_00962|non-targeting_00480 negative_control
## 811 non-targeting_02496|non-targeting_01318 negative_control
## 812 non-targeting_01647|non-targeting_03039 negative_control
## 813 non-targeting_01498|non-targeting_01333 negative_control
## 814 non-targeting_02790|non-targeting_01697 negative_control
## 815 non-targeting_02577|non-targeting_00178 negative_control
## 816 non-targeting_03120|non-targeting_02862 negative_control
## 817 non-targeting_02580|non-targeting_01394 negative_control
## 818 non-targeting_02900|non-targeting_03712 negative_control
## 819 non-targeting_00260|non-targeting_02215 negative_control
## 820 non-targeting_02274|non-targeting_01075 negative_control
## 821 non-targeting_00289|non-targeting_00015 negative_control
## 822 non-targeting_03629|non-targeting_02182 negative_control
## 823 non-targeting_02100|non-targeting_03011 negative_control
## 824 non-targeting_03605|non-targeting_00789 negative_control
## 825 non-targeting_01102|non-targeting_00338 negative_control
## 826 non-targeting_03695|non-targeting_03558 negative_control

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## 827 non-targeting_03449|non-targeting_03233 negative_control
## 828 non-targeting_00033|non-targeting_02025 negative_control
## 829 non-targeting_00817|non-targeting_02758 negative_control
## 830 non-targeting_01130|non-targeting_02426 negative_control
## 831 non-targeting_01395|non-targeting_02523 negative_control
## 832 non-targeting_03484|non-targeting_02953 negative_control
## 833 non-targeting_01524|non-targeting_03498 negative_control
## 834 non-targeting_02142|non-targeting_02703 negative_control
## 835 non-targeting_00246|non-targeting_01308 negative_control
## 836 non-targeting_01291|non-targeting_03673 negative_control
## 837 non-targeting_03108|non-targeting_02605 negative_control
## 838 non-targeting_02214|non-targeting_03351 negative_control
## 839 non-targeting_02467|non-targeting_00395 negative_control
## 840 non-targeting_02505|non-targeting_01287 negative_control
## 841 non-targeting_00852|non-targeting_02593 negative_control
## 842 non-targeting_01367|non-targeting_02185 negative_control
## 843 non-targeting_01936|non-targeting_01870 negative_control
## 844 non-targeting_01294|non-targeting_01201 negative_control
## 845 non-targeting_00927|non-targeting_02645 negative_control
## 846 non-targeting_02912|non-targeting_00129 negative_control
## 847 non-targeting_02443|non-targeting_00307 negative_control
## 848 non-targeting_00659|non-targeting_01743 negative_control
## 849 non-targeting_00313|non-targeting_01906 negative_control
## 850 non-targeting_02811|non-targeting_00414 negative_control
## 851 non-targeting_03294|non-targeting_03094 negative_control
## 852 non-targeting_00163|non-targeting_00665 negative_control
## 853 non-targeting_01721|non-targeting_01433 negative_control
## 854 non-targeting_01538|non-targeting_00001 negative_control
## 855 non-targeting_00349|non-targeting_03722 negative_control
## 856 non-targeting_01493|non-targeting_00334 negative_control
## 857 non-targeting_00807|non-targeting_02911 negative_control
## 858 non-targeting_00176|non-targeting_00949 negative_control
## 859 non-targeting_02830|non-targeting_02710 negative_control
## 860 non-targeting_01107|non-targeting_03676 negative_control
## 861 non-targeting_00125|non-targeting_02335 negative_control
## 862 non-targeting_00166|non-targeting_02207 negative_control
## 863 non-targeting_03315|non-targeting_00715 negative_control
## 864 non-targeting_01332|non-targeting_02054 negative_control
## 865 non-targeting_02829|non-targeting_01335 negative_control
## 866 non-targeting_02198|non-targeting_00658 negative_control
## 867 non-targeting_01018|non-targeting_01478 negative_control
## 868 non-targeting_02396|non-targeting_00565 negative_control
## 869 non-targeting_00979|non-targeting_03702 negative_control
## 870 non-targeting_01046|non-targeting_00884 negative_control
## 871 non-targeting_02484|non-targeting_03585 negative_control
## 872 non-targeting_00886|non-targeting_01005 negative_control
## 873 non-targeting_03778|non-targeting_00397 negative_control
## 874 non-targeting_02766|non-targeting_01799 negative_control
## 875 non-targeting_01258|non-targeting_03183 negative_control
## 876 non-targeting_03504|non-targeting_02717 negative_control
## 877 non-targeting_01655|non-targeting_03541 negative_control
## 878 non-targeting_03393|non-targeting_03474 negative_control
## 879 non-targeting_02119|non-targeting_02651 negative_control
## 880 non-targeting_02595|non-targeting_02179 negative_control

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## 881 non-targeting_01943|non-targeting_02552 negative_control
## 882 non-targeting_01946|non-targeting_02652 negative_control
## 883 non-targeting_02542|non-targeting_00252 negative_control
## 884 non-targeting_01723|non-targeting_01138 negative_control
## 885 non-targeting_03494|non-targeting_01198 negative_control
## 886 non-targeting_00095|non-targeting_03143 negative_control
## 887 non-targeting_02627|non-targeting_03573 negative_control
## 888 non-targeting_01117|non-targeting_00200 negative_control
## 889 non-targeting_01967|non-targeting_00082 negative_control
## 890 non-targeting_01641|non-targeting_03726 negative_control
## 891 non-targeting_02502|non-targeting_02742 negative_control
## 892 non-targeting_01725|non-targeting_00813 negative_control
## 893 non-targeting_00918|non-targeting_00078 negative_control
## 894 non-targeting_02456|non-targeting_01643 negative_control
## 895 non-targeting_00215|non-targeting_02292 negative_control
## 896 non-targeting_00324|non-targeting_00868 negative_control
## 897 non-targeting_01636|non-targeting_02405 negative_control
## 898 non-targeting_00881|non-targeting_02409 negative_control
## 899 non-targeting_02458|non-targeting_03087 negative_control
## 900 non-targeting_02755|non-targeting_00566 negative_control
## 901 non-targeting_00148|non-targeting_03204 negative_control
## 902 non-targeting_03158|non-targeting_03436 negative_control
## 903 non-targeting_01615|non-targeting_02905 negative_control
## 904 non-targeting_03171|non-targeting_03032 negative_control
## 905 non-targeting_01823|non-targeting_00796 negative_control
## 906 non-targeting_00153|non-targeting_00305 negative_control
## 907 non-targeting_02659|non-targeting_00060 negative_control
## 908 non-targeting_00972|non-targeting_01400 negative_control
## 909 non-targeting_02510|non-targeting_02947 negative_control
## 910 non-targeting_00179|non-targeting_00898 negative_control
## 911 non-targeting_01311|non-targeting_02558 negative_control
## 912 non-targeting_01890|non-targeting_03737 negative_control
## 913 non-targeting_00953|non-targeting_02376 negative_control
## 914 non-targeting_02223|non-targeting_03234 negative_control
## 915 non-targeting_03231|non-targeting_01782 negative_control
## 916 non-targeting_03468|non-targeting_01711 negative_control
## 917 non-targeting_01796|non-targeting_02327 negative_control
## 918 non-targeting_01495|non-targeting_00655 negative_control
## 919 non-targeting_00158|non-targeting_01160 negative_control
## 920 non-targeting_03216|non-targeting_03157 negative_control
## 921 non-targeting_02244|non-targeting_01027 negative_control
## 922 non-targeting_03754|non-targeting_02423 negative_control
## 923 non-targeting_01401|non-targeting_02127 negative_control
## 924 non-targeting_00010|non-targeting_02551 negative_control
## 925 non-targeting_03761|non-targeting_00994 negative_control
## 926 non-targeting_00492|non-targeting_00488 negative_control
## 927 non-targeting_03056|non-targeting_00625 negative_control
## 928 non-targeting_03155|non-targeting_01225 negative_control
## 929 non-targeting_03521|non-targeting_02629 negative_control
## 930 non-targeting_03063|non-targeting_02055 negative_control
## 931 non-targeting_02515|non-targeting_00333 negative_control
## 932 non-targeting_02462|non-targeting_01640 negative_control
## 933 non-targeting_00688|non-targeting_02157 negative_control
## 934 non-targeting_00451|non-targeting_00262 negative_control

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## 935 non-targeting_02921|non-targeting_01004 negative_control
## 936 non-targeting_01436|non-targeting_03544 negative_control
## 937 non-targeting_03706|non-targeting_01081 negative_control
## 938 non-targeting_01600|non-targeting_01113 negative_control
## 939 non-targeting_01540|non-targeting_03536 negative_control
## 940 non-targeting_01242|non-targeting_03173 negative_control
## 941 non-targeting_02401|non-targeting_02568 negative_control
## 942 non-targeting_01910|non-targeting_02981 negative_control
## 943 non-targeting_03266|non-targeting_02822 negative_control
## 944 non-targeting_03370|non-targeting_03288 negative_control
## 945 non-targeting_02068|non-targeting_01588 negative_control
## 946 non-targeting_01648|non-targeting_01061 negative_control
## 947 non-targeting_02233|non-targeting_02428 negative_control
## 948 non-targeting_00054|non-targeting_01095 negative_control
## 949 non-targeting_03335|non-targeting_03594 negative_control
## 950 non-targeting_00599|non-targeting_03472 negative_control
## 951 non-targeting_01834|non-targeting_02388 negative_control
## 952 non-targeting_00352|non-targeting_02915 negative_control
## 953 non-targeting_03049|non-targeting_00739 negative_control
## 954 non-targeting_00326|non-targeting_00573 negative_control
## 955 non-targeting_01376|non-targeting_00354 negative_control
## 956 non-targeting_01215|non-targeting_02173 negative_control
## 957 non-targeting_00495|non-targeting_01377 negative_control
## 958 non-targeting_01786|non-targeting_02813 negative_control
## 959 non-targeting_02823|non-targeting_00887 negative_control
## 960 non-targeting_03677|non-targeting_00032 negative_control
## 961 non-targeting_00490|non-targeting_01841 negative_control
## 962 non-targeting_00959|non-targeting_00815 negative_control
## 963 non-targeting_02820|non-targeting_03728 negative_control
## 964 non-targeting_01923|non-targeting_01156 negative_control
## 965 non-targeting_03284|non-targeting_01654 negative_control
## 966 non-targeting_02468|non-targeting_00385 negative_control
## 967 non-targeting_00747|non-targeting_01456 negative_control
## 968 non-targeting_00967|non-targeting_03569 negative_control
## 969 non-targeting_01485|non-targeting_00292 negative_control
## 970 non-targeting_03617|non-targeting_01158 negative_control
## 971 non-targeting_03319|non-targeting_01429 negative_control
## 972 non-targeting_02994|non-targeting_03339 negative_control
## 973 non-targeting_01656|non-targeting_03669 negative_control
## 974 non-targeting_02672|non-targeting_00924 negative_control
## 975 non-targeting_00691|non-targeting_00734 negative_control
## 976 non-targeting_02734|non-targeting_02732 negative_control
## 977 non-targeting_00954|non-targeting_00633 negative_control
## 978 non-targeting_02961|non-targeting_01457 negative_control
## 979 non-targeting_03404|non-targeting_02218 negative_control
## 980 non-targeting_01435|non-targeting_00348 negative_control
## 981 non-targeting_00284|non-targeting_01289 negative_control
## 982 non-targeting_02879|non-targeting_00558 negative_control
## 983 non-targeting_01801|non-targeting_03733 negative_control
## 984 non-targeting_01482|non-targeting_00048 negative_control
## 985 non-targeting_03382|non-targeting_00487 negative_control
## 986 non-targeting_01241|non-targeting_00165 negative_control
## 987 non-targeting_00642|non-targeting_00748 negative_control
## 988 non-targeting_01865|non-targeting_01665 negative_control

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## 989 non-targeting_01245|non-targeting_02634 negative_control
## 990 non-targeting_02607|non-targeting_01402 negative_control
## 991 non-targeting_03424|non-targeting_00110 negative_control
## 992 non-targeting_00296|non-targeting_03582 negative_control
## 993 non-targeting_02611|non-targeting_00353 negative_control
## 994 non-targeting_00635|non-targeting_02061 negative_control
## 995 non-targeting_01499|non-targeting_00356 negative_control
## 996 non-targeting_01348|non-targeting_02617 negative_control
## 997 non-targeting_03674|non-targeting_00904 negative_control
## 998 non-targeting_02097|non-targeting_02279 negative_control
## 999 non-targeting_00749|non-targeting_01519 negative_control
## 1000 non-targeting_02178|non-targeting_03326 negative_control
## 1001 non-targeting_02977|non-targeting_01146 negative_control
## 1002 non-targeting_03111|non-targeting_01921 negative_control
## 1003 non-targeting_01180|non-targeting_01468 negative_control
## 1004 non-targeting_01813|non-targeting_00122 negative_control
## 1005 non-targeting_02478|non-targeting_03310 negative_control
## 1006 non-targeting_00516|non-targeting_02940 negative_control
## 1007 non-targeting_03700|non-targeting_03562 negative_control
## 1008 non-targeting_00497|non-targeting_01578 negative_control
## 1009 non-targeting_03246|non-targeting_02490 negative_control
## 1010 non-targeting_02778|non-targeting_00801 negative_control
## 1011 non-targeting_02969|non-targeting_00236 negative_control
## 1012 non-targeting_02272|non-targeting_01968 negative_control
## 1013 non-targeting_03240|non-targeting_03788 negative_control
## 1014 non-targeting_00024|non-targeting_03061 negative_control
## 1015 non-targeting_00389|non-targeting_03628 negative_control
## 1016 non-targeting_02836|non-targeting_03210 negative_control
## 1017 non-targeting_00021|non-targeting_03430 negative_control
## 1018 non-targeting_02902|non-targeting_02884 negative_control
## 1019 non-targeting_01554|non-targeting_03251 negative_control
## 1020 non-targeting_01089|non-targeting_02861 negative_control
## 1021 non-targeting_03559|non-targeting_03602 negative_control
## 1022 non-targeting_01426|non-targeting_02531 negative_control
## 1023 non-targeting_03740|non-targeting_02966 negative_control
## 1024 non-targeting_03149|non-targeting_03036 negative_control
## 1025 non-targeting_02923|non-targeting_03708 negative_control
## 1026 non-targeting_01278|non-targeting_02363 negative_control
##      control_count      treatment_count control_mean treat_mean
## 1      1083/1020.4/1243.7 4660.3/2323.1/4795.8 1.0830e+03 4660.30
## 2      11420/9682.9/12335 1114.9/1848.1/1357.7 1.1420e+04 1357.70
## 3      1735.5/1048.3/1676.9 5196.5/5582.4/3688.8 1.6769e+03 5196.50
## 4      4263.2/3399.3/3514.9 6874.6/8380.6/8259.8 3.5149e+03 8259.80
## 5      3005.9/4902/3455.8 6468.3/7760.3/7737 3.4558e+03 7737.00
## 6      1331.9/522.97/1159.8 4176.1/2659.8/3553.3 1.1598e+03 3553.30
## 7      2955.5/3762/2152 6666.8/7480.1/6732.9 2.9555e+03 6732.90
## 8      10483/10913/10428 3169.2/3388.4/2526.2 1.0483e+04 3169.20
## 9      1800.7/1489.2/2214.3 4913.8/3326.2/4352.8 1.8007e+03 4352.80
## 10     2838.1/3762.8/2580.8 6012.1/6900.2/5453 2.8381e+03 6012.10
## 11     165.91/590.73/510.58 2506.3/918.88/1742.1 5.1058e+02 1742.10
## 12     2889.4/3521.3/2693.7 6270.9/5806.1/5651.9 2.8894e+03 5806.10
## 13     2483/1175.1/1406 3377/2704.7/3752.2 1.4060e+03 3377.00
## 14     6091.9/7213.9/4943.5 3502.8/1094.1/1846.8 6.0919e+03 1846.80
## 15     2410.3/1942.8/888.95 3628.5/5162.8/4205.8 1.9428e+03 4205.80

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## 16	8034.3/6400/7582.4	2925/4066.3/3128.6	7.5824e+03	3128.60
## 17	3198.8/1263.6/1622	3508/3775.8/2439.7	1.6220e+03	3508.00
## 18	3284.6/2264.9/1977.8	3289.7/4504.5/4724.7	2.2649e+03	4504.50
## 19	2131.6/3305.2/1769.3	4285.2/4490.6/1865.1	2.1316e+03	4285.20
## 20	6032.2/4230.8/3368.8	6702.1/7289.9/9765.5	4.2308e+03	7289.90
## 21	556.44/381.07/993.21	1579.4/1340.8/1971.7	5.5644e+02	1579.40
## 22	87.613/2642/1315.7	3093.4/2901.9/2556.9	1.3157e+03	2901.90
## 23	4195.2/3137/2661.5	5515.5/5537.5/3287.2	3.1370e+03	5515.50
## 24	2435.5/4025.9/3318.2	5758.6/6124.3/3289.1	3.3182e+03	5758.60
## 25	1985.3/3869.7/1838.1	3740.7/5437.2/3245.9	1.9853e+03	3740.70
## 26	3569.8/3538/4829.5	5938.4/5199.7/5932.5	3.5698e+03	5932.50
## 27	3540.9/4020.3/3892.2	5025/6314.5/6529.2	3.8922e+03	6314.50
## 28	1422.3/1416.6/2446.5	2844/3214.3/2453.1	1.4223e+03	2844.00
## 29	1421.4/1225.3/1177	2504.2/2498.4/2519.4	1.2253e+03	2504.20
## 30	6194.4/4300.9/5976.5	3058/2233.2/4141.4	5.9765e+03	3058.00
## 31	148.2/591.53/2.1498	564.22/381.62/1251.1	1.4820e+02	564.22
## 32	4310.7/5874.6/7202.9	2467.8/3017.2/3851.2	5.8746e+03	3017.20
## 33	6639/5580.5/8038.1	3948.5/3649/3670.6	6.6390e+03	3670.60
## 34	1894.9/1546.6/1688.7	3128.7/3374.6/2452.2	1.6887e+03	3128.70
## 35	3430/1482.8/1679	3102.7/2237.8/3851.2	1.6790e+03	3102.70
## 36	2183.8/2445.8/1120.1	2387.8/4106.7/3816.6	2.1838e+03	3816.60
## 37	6434/4330.4/5480.9	2708.9/4590.9/2837.5	5.4809e+03	2837.50
## 38	1615.2/1480.4/1526.4	2829.4/4715.4/2242.7	1.5264e+03	2829.40
## 39	1259.2/1741.1/1129.7	2605/2421.1/2093.8	1.2592e+03	2421.10
## 40	2399.1/4450/1939.1	4506.5/4021.4/3895.4	2.3991e+03	4021.40
## 41	3215.6/3790.7/1775.7	3391.6/5104/5197.4	3.2156e+03	5104.00
## 42	2843.7/3581.9/2492.7	4608.3/3388.4/5248.3	2.8437e+03	4608.30
## 43	750.3/1254/711.59	2064.7/973.06/1621	7.5030e+02	1621.00
## 44	4553.1/3807.5/5178.9	2307.8/1868.9/2581.9	4.5531e+03	2307.80
## 45	6335.2/4328.8/7320.1	3671.1/2667.9/4920.7	6.3352e+03	3671.10
## 46	7980.2/7971.3/9155	4489.9/6577.4/5021.6	7.9802e+03	5021.60
## 47	4545.6/5417/4481.3	7012.8/6623.5/6742.5	4.5456e+03	6742.50
## 48	4644.4/6974/7323.3	6383.1/4135.5/4229.8	6.9740e+03	4229.80
## 49	3718/6676.6/4997.2	4056.6/2455.7/2757.7	4.9972e+03	2757.70
## 50	38.214/3403.3/2478.7	4063.9/4014.5/3636	2.4787e+03	4014.50
## 51	3280.8/2464.2/4803.7	4891/5048.6/5414.6	3.2808e+03	5048.60
## 52	4885.8/4245.9/5622.8	7348.4/7063.9/6376.4	4.8858e+03	7063.90
## 53	3932.3/3479/2476.6	5280.6/5689.7/5298.3	3.4790e+03	5298.30
## 54	7566.4/7952.2/5630.3	4632.2/4856.1/8113.7	7.5664e+03	4856.10
## 55	3027.3/4124/4434	5328.4/7440.9/6085.3	4.1240e+03	6085.30
## 56	4599.7/3997.2/3597.7	5922.8/6520.9/5199.3	3.9972e+03	5922.80
## 57	2847.4/1879.8/2277.7	4127.2/3696.3/2605.9	2.2777e+03	3696.30
## 58	3030.1/2539.1/2687.3	4921.1/3745.8/4228.8	2.6873e+03	4228.80
## 59	6104/4655.7/6197.9	3754.2/3992.6/2520.4	6.1040e+03	3754.20
## 60	5735.9/5876.2/4437.2	3495.5/3372.3/4367.2	5.7359e+03	3495.50
## 61	4780.5/4329.6/3822.4	2410.7/1829.7/5433.8	4.3296e+03	2410.70
## 62	4520.5/5203.4/5503.5	2481.3/3091/4648.8	5.2034e+03	3091.00
## 63	3708.6/4378.3/2761.4	3816.6/5698.9/5444.4	3.7086e+03	5444.40
## 64	1686.1/2429.9/1867.1	3260.6/3074.8/1962.1	1.8671e+03	3074.80
## 65	6803.1/6891.1/4852.1	4286.2/4419.1/4691	6.8031e+03	4419.10
## 66	2339.5/4106.4/2478.7	3715.8/4646.3/3879.1	2.4787e+03	3879.10
## 67	586.26/118.78/92.442	181.84/401.22/853.26	1.1878e+02	401.22
## 68	3269.6/3341.1/5037	6119.2/2848.9/4978.3	3.3411e+03	4978.30
## 69	4266.9/4120.8/4555.4	2424.2/2327.7/4422.9	4.2669e+03	2424.20

## 70	4387.2/5202.6/5464.8	3194.1/2217.1/3785.9	5.2026e+03	3194.10
## 71	5363/4607.1/5169.2	3186.9/4378.8/672.62	5.1692e+03	3186.90
## 72	3997.6/4586.3/3092.5	4153.2/2272.4/32.67	3.9976e+03	2272.40
## 73	4100.1/5005.7/4870.4	3761.5/1970.3/2969.1	4.8704e+03	2969.10
## 74	6082.6/4744.2/5735.7	6762.4/8465.9/7792.8	5.7357e+03	7792.80
## 75	4415.1/4343.2/4517.8	2513.5/2643.6/4015.5	4.4151e+03	2643.60
## 76	3978.9/5515.1/4130.9	5833.4/6170.4/4734.3	4.1309e+03	5833.40
## 77	2257.4/2469/1389.9	868.68/1029.6/2117.8	2.2574e+03	1029.60
## 78	5505.6/4300.1/5935.6	3814.5/3559.1/3262.2	5.5056e+03	3559.10
## 79	2681.5/2689.8/3413.9	3606.7/4019.1/4500.8	2.6898e+03	4019.10
## 80	4801.9/3781.2/3907.3	5517.5/3413.8/5988.2	3.9073e+03	5517.50
## 81	4342.4/4760.1/4364.1	6066.2/5807.3/6632	4.3641e+03	6066.20
## 82	3187.6/3276.5/2186.4	1759.2/1345.5/2605	3.1876e+03	1759.20
## 83	2770.1/2254.5/3120.4	2687.1/4095.2/4264.4	2.7701e+03	4095.20
## 84	8980.3/8498.2/9602.1	6323.9/6523.2/8126.2	8.9803e+03	6523.20
## 85	2239.7/2131.7/1956.3	1748.8/4235.8/3282.4	2.1317e+03	3282.40
## 86	6434.9/4999.3/7804.9	3776/5092.4/4379.7	6.4349e+03	4379.70
## 87	3179.2/4078.5/4111.5	5692.1/5128.2/6391.8	4.0785e+03	5692.10
## 88	4034.9/4404.6/5321.9	6069.3/4985.2/7479.5	4.4046e+03	6069.30
## 89	2296.6/3079.6/2204.6	3383.3/3459.9/4153.9	2.2966e+03	3459.90
## 90	3696.5/3168.9/3355.9	2733.8/1938.1/232.53	3.3559e+03	1938.10
## 91	3908.1/5447.3/5555.1	4032.7/3621.3/3210.3	5.4473e+03	3621.30
## 92	2967.7/3683.9/2871.1	1578.4/4291.2/5145.5	2.9677e+03	4291.20
## 93	3911.8/2026.5/3512.8	4115.8/5974.4/4951.4	3.5128e+03	4951.40
## 94	4431/3779.6/2880.7	3168.2/2296.6/2089.9	3.7796e+03	2296.60
## 95	2992.8/2737.6/3164.5	2980.1/4337.3/4280.7	2.9928e+03	4280.70
## 96	2174.5/1826.4/3259.1	3257.5/2810.8/3286.2	2.1745e+03	3257.50
## 97	2461.6/1965.1/2462.6	1486.9/876.22/1306.8	2.4616e+03	1306.80
## 98	4402.1/5083/5145.6	5199.6/3149.8/3405.4	5.0830e+03	3405.40
## 99	1736.4/1678.9/1415.6	1572.1/2606.7/3088.3	1.6789e+03	2606.70
## 100	3452.3/3899.9/4466.2	2221.6/2459.2/3463	3.8999e+03	2459.20
## 101	3066.5/2377.3/3052.7	1581.5/1799.7/2064	3.0527e+03	1799.70
## 102	3095.3/2969.6/3936.3	3840.5/4355.7/4430.6	3.0953e+03	4355.70
## 103	4313.5/5309.4/4883.3	6594/6485.2/5700	4.8833e+03	6485.20
## 104	4185.9/5680.1/4268.4	5747.2/6285.7/5409.8	4.2684e+03	5747.20
## 105	786.65/888.89/1932.7	1534.7/1425/1720.9	8.8889e+02	1534.70
## 106	2951.8/3156.1/2717.4	4158.4/4272.7/3009.5	2.9518e+03	4158.40
## 107	1205.1/1167.9/916.89	1294.7/433.5/262.32	1.1679e+03	433.50
## 108	4669.6/5411.5/4752.2	4887.9/3215.5/3112.3	4.7522e+03	3215.50
## 109	4801.9/5042.3/5003.7	3427.9/3939.5/2358	5.0037e+03	3427.90
## 110	2099/1412.7/2377.7	3365.6/3093.3/1709.4	2.0990e+03	3093.30
## 111	8193.7/8985.3/6911.6	5907.2/6188.9/6936.6	8.1937e+03	6188.90
## 112	2471.8/2000.2/2948.5	3009.2/1406.6/95.127	2.4718e+03	1406.60
## 113	4448.7/5935.2/3737.4	2997.8/2295.5/4422	4.4487e+03	2997.80
## 114	4121.5/3026.2/2841	4251.9/4147/4208.7	3.0262e+03	4208.70
## 115	3001.2/3093.2/2609.9	2501.1/1825.1/720.66	3.0012e+03	1825.10
## 116	3515.7/2369.3/2509.9	3574.5/3818.5/2591.5	2.5099e+03	3574.50
## 117	4103.8/5467.3/5522.9	3758.4/3863.4/4529.6	5.4673e+03	3863.40
## 118	4525.1/4450.8/3926.6	2469.9/3023/3585.1	4.4508e+03	3023.00
## 119	3655.5/4972.2/2479.8	2369.1/1971.5/2777.9	3.6555e+03	2369.10
## 120	2941.6/2205.1/3316.1	1803.9/2750.9/1497.1	2.9416e+03	1803.90
## 121	4042.3/3962.1/3509.6	2864.8/2286.2/2632.8	3.9621e+03	2632.80
## 122	3637.8/2378.1/2622.8	3769.8/3691.6/3589.9	2.6228e+03	3691.60
## 123	2538.9/2895.5/1831.6	2479.3/1494.2/1006	2.5389e+03	1494.20

## 124	6082.6/5822.8/5577.7	4213.5/2775.1/6145.8	5.8228e+03	4213.50
## 125	4524.2/3909.5/3426.8	5212.1/5328.8/4336.5	3.9095e+03	5212.10
## 126	3813/2489.7/4109.4	2261/2533/4174.1	3.8130e+03	2533.00
## 127	1730.8/2493.7/1771.4	2625.8/2209/2922	1.7714e+03	2625.80
## 128	3637.8/4731.4/4308.2	4365.2/2004.9/2950.9	4.3082e+03	2950.90
## 129	4242.7/3336.3/2733.5	4440/6715.8/4521	3.3363e+03	4521.00
## 130	4068.4/3940.6/3402.1	5231.8/5344.9/3827.2	3.9406e+03	5231.80
## 131	1359.9/2272.8/1968.1	1047.4/1109.1/1076.2	1.9681e+03	1076.20
## 132	3255.7/5358/4405	5895.8/2832.7/5767.2	4.4050e+03	5767.20
## 133	3495.2/2592.5/3002.2	4905.5/3760.8/4114.5	3.0022e+03	4114.50
## 134	7153.5/6311.5/6306.5	4685.2/4644/6160.2	6.3115e+03	4685.20
## 135	1415.8/807.57/420.29	1358.1/351.64/1454.8	8.0757e+02	1358.10
## 136	2869.8/3487/2372.3	1777.9/1799.7/3350.6	2.8698e+03	1799.70
## 137	2487.7/2069.6/2271.3	1968/3216.6/3298.7	2.2713e+03	3216.60
## 138	2494.2/2318.3/3350.5	1501.5/1332.8/2222.5	2.4942e+03	1501.50
## 139	2709.5/3890.4/3403.1	2234/3622.5/1832.4	3.4031e+03	2234.00
## 140	3530.6/2995.9/2648.6	4078.4/4528.7/4088.6	2.9959e+03	4088.60
## 141	4024.6/4486.7/3824.5	2281.8/2749.7/3796.5	4.0246e+03	2749.70
## 142	4651.9/3328.3/4461.9	4185.4/5806.1/5913.3	4.4619e+03	5806.10
## 143	1137.1/1851.9/1214.6	1890.1/1436.5/1928.5	1.2146e+03	1890.10
## 144	3895.1/4409.4/6062.5	5736.8/5845.3/4713.1	4.4094e+03	5736.80
## 145	1940.5/1207/1504.9	2648.6/2232.1/2257.1	1.5049e+03	2257.10
## 146	2376.7/3270.9/3403.1	3289.7/1252.1/2138.9	3.2709e+03	2138.90
## 147	3273.4/2559.8/3637.5	5065.5/4405.3/3377.5	3.2734e+03	4405.30
## 148	3674.2/4185.3/4882.2	5579.9/5471.8/5068.7	4.1853e+03	5471.80
## 149	672.01/488.69/942.69	1304.1/1161/842.69	6.7201e+02	1161.00
## 150	4336.8/4198.1/5274.6	5639.1/6214.2/5553.9	4.3368e+03	5639.10
## 151	4438.4/2610.9/2739.9	3759.4/3159/3812.8	2.7399e+03	3759.40
## 152	6654.9/5052.7/6146.3	5435.5/3395.3/4592.1	6.1463e+03	4592.10
## 153	3579.1/1891.8/3638.6	2419/3431.1/2333	3.5791e+03	2419.00
## 154	1655.3/2504.8/1983.2	2291.2/2823.5/3156.5	1.9832e+03	2823.50
## 155	1982.5/1872.6/2471.2	2820.1/1662.5/4385.5	1.9825e+03	2820.10
## 156	4223.1/3441.6/3440.8	4558.5/4422.6/5288.7	3.4416e+03	4558.50
## 157	5858.9/7300.8/6271	9514.9/5379.5/7787	6.2710e+03	7787.00
## 158	5673.4/5441.7/6402.1	3527.7/4913.7/4235.6	5.6734e+03	4235.60
## 159	6077.9/5948.8/6214	5439.6/9496.6/7568.9	6.0779e+03	7568.90
## 160	4182.1/5396.3/4312.5	4016.1/7070.9/5554.9	4.3125e+03	5554.90
## 161	4155.1/5490.4/5200.4	4620.8/3839.2/3775.3	5.2004e+03	3839.20
## 162	2811.1/3219.1/1985.3	1832.9/1766.3/2739.5	2.8111e+03	1832.90
## 163	4520.5/4202.9/4348	3120.4/3500.3/2826	4.3480e+03	3120.40
## 164	4689.2/4023.5/3824.5	5200.6/5712.7/3821.4	4.0235e+03	5200.60
## 165	1429.8/1837.6/1411.3	2217.4/1849.3/2110.1	1.4298e+03	2110.10
## 166	6152.5/5956.7/6239.8	4688.4/3748.1/6475.4	6.1525e+03	4688.40
## 167	8129.4/6938.9/7301.8	5706.7/6744.6/5627.9	7.3018e+03	5706.70
## 168	4362.9/4629.4/4084.6	2438.7/3159/3146.9	4.3629e+03	3146.90
## 169	2980.7/2056/3147.3	1677.1/3574/1988.1	2.9807e+03	1988.10
## 170	2300.3/2103.8/3118.3	3160.9/5388.7/2814.4	2.3003e+03	3160.90
## 171	6578.4/6022.1/4545.8	7449.2/4910.3/8256.9	6.0221e+03	7449.20
## 172	3811.2/2619.6/4181.4	2699.5/2262/3735.9	3.8112e+03	2699.50
## 173	3138.2/3100.3/2516.4	4719.5/4000.6/4097.2	3.1003e+03	4097.20
## 174	4780.5/5493.6/5067.1	4197.9/6446/6357.2	5.0671e+03	6357.20
## 175	5424.6/5704/5962.5	4334/6017.1/4163.5	5.7040e+03	4334.00
## 176	4077.7/2936.1/3975	2956.2/2671.3/2843.3	3.9750e+03	2843.30
## 177	3717/3301.2/3936.3	2626.8/2567.6/2837.5	3.7170e+03	2626.80

## 178	2565/2369.3/2978.6	1676/621.42/2064	2.5650e+03	1676.00
## 179	2631.2/4069/2565.8	2954.1/1434.2/1731.5	2.6312e+03	1731.50
## 180	4451.5/4659.7/4243.7	5637/4558.6/5913.3	4.4515e+03	5637.00
## 181	3318.1/2314.3/2782.9	3441.4/3707.8/3940.6	2.7829e+03	3707.80
## 182	4609.9/4632.6/5874.4	3424.8/4275/3175.7	4.6326e+03	3424.80
## 183	3825.1/5330.1/6562.3	4257.1/3266.2/4029.9	5.3301e+03	4029.90
## 184	5550.4/3276.5/4288.9	5447.9/4326.9/6228.4	4.2889e+03	5447.90
## 185	2578.1/3912.7/3305.3	2297.4/2176.7/3008.5	3.3053e+03	2297.40
## 186	4708.7/5306.2/5821.7	5454.2/3652.4/4016.5	5.3062e+03	4016.50
## 187	1115.7/1922.9/978.16	2404.4/1413.5/1680.6	1.1157e+03	1680.60
## 188	4794.5/4021.1/4372.7	3408.2/6427.5/5527	4.3727e+03	5527.00
## 189	5256.8/5551.8/6122.7	2822.2/4247.4/4862.1	5.5518e+03	4247.40
## 190	1389.7/1429.4/2058.4	2071.9/1834.3/2066.9	1.4294e+03	2066.90
## 191	2812/2634/3720.2	3719.9/2959.5/3978.1	2.8120e+03	3719.90
## 192	5287.5/4297/6127	7219.6/4021.4/3526.4	5.2875e+03	4021.40
## 193	4729.2/4404.6/3332.2	3074.7/3255.8/3422.7	4.4046e+03	3255.80
## 194	2001.1/2599.7/582.6	2758.8/1709.8/3459.2	2.0011e+03	2758.80
## 195	3504.5/4778.5/2769	3886.2/5432.6/4521.9	3.5045e+03	4521.90
## 196	2787.8/2604.5/3923.4	3688.8/4917.2/2260	2.7878e+03	3688.80
## 197	4742.3/4590.3/5568	3550.6/2259.7/4426.8	4.7423e+03	3550.60
## 198	3367.5/2136.5/3136.6	67.541/4095.2/4094.3	3.1366e+03	4094.30
## 199	1626.4/1475.6/1976.7	2303.7/2448.8/2284	1.6264e+03	2303.70
## 200	2675/2552.7/1814.4	1077.5/2255.1/1694	2.5527e+03	1694.00
## 201	4216.6/5321.4/5508.9	4061.8/3902.6/5013.9	5.3214e+03	4061.80
## 202	776.4/1151.2/757.81	1229.2/532.65/1247.2	7.7640e+02	1229.20
## 203	1719.6/872.15/827.68	1352.9/1387/1095.4	8.7215e+02	1352.90
## 204	3069.3/3451.9/2376.6	3999.4/4503.3/2691.4	3.0693e+03	3999.40
## 205	4453.4/4694/5422.9	6163.9/4504.5/5853.7	4.6940e+03	5853.70
## 206	1514.6/1341.7/3672.9	1759.2/2192.9/2153.3	1.5146e+03	2153.30
## 207	2245.3/2569.4/2506.7	1678.1/2918/331.5	2.5067e+03	1678.10
## 208	2943.4/2600.5/2786.2	3127.6/4212.8/3658.1	2.7862e+03	3658.10
## 209	6140.4/5882.6/6249.5	7457.5/6861/7532.4	6.1404e+03	7457.50
## 210	2420.5/1926.9/1265.2	2286/3368.8/2641.5	1.9269e+03	2641.50
## 211	2191.3/1526.7/2574.4	2201.8/1431.9/1023.3	2.1913e+03	1431.90
## 212	4240.8/3914.3/3809.5	2202.9/5034.8/2885.5	3.9143e+03	2885.50
## 213	3132.6/3268.6/2815.2	1352.9/2787.8/2221.6	3.1326e+03	2221.60
## 214	3827/2401.2/2698	1732.2/4549.4/1859.3	2.6980e+03	1859.30
## 215	3991.1/2948.9/4016.9	5136.2/5018.7/4732.4	3.9911e+03	5018.70
## 216	3363.8/3345.1/3631	2044.9/2711.7/2427.2	3.3638e+03	2427.20
## 217	391.46/571.6/626.67	211.97/259.41/180.65	5.7160e+02	211.97
## 218	5547.6/7131/6238.7	7527.1/7399.4/8318.4	6.2387e+03	7527.10
## 219	5362.1/6140.1/4918.8	7409.7/4029.5/4173.1	5.3621e+03	4173.10
## 220	5565.3/4716.3/4546.8	5827.2/4974.8/6272.6	4.7163e+03	5827.20
## 221	5463.7/4544.1/3202.1	6481.8/4602.5/5631.7	4.5441e+03	5631.70
## 222	2796.2/2178/2660.4	2769.2/3624.8/3480.3	2.6604e+03	3480.30
## 223	2164.2/2413.2/1700.5	3012.3/2748.6/2899	2.1642e+03	2899.00
## 224	3908.1/3691.1/2642.1	2724.5/4503.3/2675.1	3.6911e+03	2724.50
## 225	3003.1/3471.8/5066	2420/2536.4/4076.1	3.4718e+03	2536.40
## 226	4469.2/4631/4194.3	3338.6/3408/4149.1	4.4692e+03	3408.00
## 227	4848.5/4884.5/6061.4	5068.7/7105.4/5995	4.8845e+03	5995.00
## 228	4314.5/5731.9/4631.8	5710.8/5579/6362	4.6318e+03	5710.80
## 229	4477.6/5496/5226.2	6743.7/4076.7/3771.5	5.2262e+03	4076.70
## 230	2668.5/1948.4/3552.6	1863.1/2124.8/1524.9	2.6685e+03	1863.10
## 231	3540.9/3801.1/3783.7	2815.9/3687/425.67	3.7837e+03	2815.90

## 232	6010.8/7026.6/5755	5530/4701.6/4777.5	6.0108e+03	4777.50
## 233	2268.6/3247.8/3886.9	2357.7/3056.4/2012.1	3.2478e+03	2357.70
## 234	4835.5/4961/3774	6075.5/2775.1/3740.7	4.8355e+03	3740.70
## 235	1858.5/2884.3/2177.8	3703.3/2896.1/2571.3	2.1778e+03	2896.10
## 236	3076.7/2062.4/2485.2	1723.8/1214/2913.4	2.4852e+03	1723.80
## 237	3210/3221.5/4868.2	3286.6/1934.6/2349.4	3.2215e+03	2349.40
## 238	1577/2301.5/1554.3	1901.5/2175.6/2298.4	1.5770e+03	2175.60
## 239	3556.7/5335.7/5617.4	3709.5/5573.2/4202.9	5.3357e+03	4202.90
## 240	2196.8/2879.5/2167	2379.5/996.12/1487.4	2.1968e+03	1487.40
## 241	5701.4/4652.5/3743.9	5704.6/7236.9/5633.7	4.6525e+03	5704.60
## 242	6271.8/4924.4/4731.7	6007/7055.9/5085	4.9244e+03	6007.00
## 243	5563.4/6302.7/5948.5	4371.4/4754.6/4820.8	5.9485e+03	4754.60
## 244	7743.5/7715.4/9236.7	6660.5/6374.5/6366.8	7.7435e+03	6374.50
## 245	4138.3/3891.2/4818.8	4368.3/5120.1/5249.3	4.1383e+03	5120.10
## 246	3196/1753.9/1839.2	2479.3/4279.6/2454.1	1.8392e+03	2479.30
## 247	3553.9/3773.2/3708.4	2733.8/3139.4/2784.6	3.7084e+03	2784.60
## 248	5808.6/6711.7/5770.1	4638.5/4381.1/6243.8	5.8086e+03	4638.50
## 249	2484.9/2406/2773.3	3231.6/1915/3496.7	2.4849e+03	3231.60
## 250	3121.4/4225.2/3206.4	2353.5/1706.3/4086.6	3.2064e+03	2353.50
## 251	3841.9/4830.3/2764.7	2746.3/2904.2/4207.7	3.8419e+03	2904.20
## 252	4538.2/3619.3/4563	5517.5/5561.7/5675	4.5382e+03	5561.70
## 253	3828.9/5224.9/4523.2	3502.8/3207.4/4222.1	4.5232e+03	3502.80
## 254	1882.7/2180.4/4323.3	2770.2/2873.1/3489.9	2.1804e+03	2873.10
## 255	5848.6/3703.8/5143.4	3765.6/4611.7/4054.9	5.1434e+03	4054.90
## 256	3565.1/4124/4711.3	4468.1/5203.1/5091.7	4.1240e+03	5091.70
## 257	4324.7/4644.5/2962.4	3299.1/3335.4/3704.2	4.3247e+03	3335.40
## 258	3104.7/4052.2/3908.4	2786.8/5038.3/2972	3.9084e+03	2972.00
## 259	2385.1/3377.8/1946.7	3105.8/1570.3/3966.5	2.3851e+03	3105.80
## 260	3685.3/2425.1/2695.9	1930.6/1677.5/2040	2.6959e+03	1930.60
## 261	2533.3/2897.1/2497	2864.8/3272/3342.9	2.5333e+03	3272.00
## 262	1539.8/1725.2/2066	2609.1/1604.9/2327.3	1.7252e+03	2327.30
## 263	4460.8/3566.7/3675.1	3879.9/6715.8/4571.9	3.6751e+03	4571.90
## 264	1738.3/912.01/1581.2	2931.3/1203.6/2155.3	1.5812e+03	2155.30
## 265	4448.7/4315.3/5178.9	3427.9/3461.1/4147.2	4.4487e+03	3461.10
## 266	1316.1/1941.2/992.14	2059.5/1834.3/1074.3	1.3161e+03	1834.30
## 267	4290.2/3929.4/5259.5	5253.6/4813.4/5425.1	4.2902e+03	5253.60
## 268	1985.3/2054.4/1911.2	2626.8/1351.2/2646.3	1.9853e+03	2626.80
## 269	2111.1/1016.4/1063.1	2696.4/1483.8/1524	1.0631e+03	1524.00
## 270	1938.7/2209.1/2402.4	2885.5/3559.1/2280.2	2.2091e+03	2885.50
## 271	2422.4/1934/3046.3	2608.1/3132.5/3749.4	2.4224e+03	3132.50
## 272	2687.1/4863.8/4469.5	3489.2/3552.1/2158.1	4.4695e+03	3489.20
## 273	3014.3/2803.8/1679	3413.4/2038.4/27.866	2.8038e+03	2038.40
## 274	12918/13240/16362	11510/13172/9847.1	1.3240e+04	11510.00
## 275	3791.6/4403.8/3567.6	4444.2/5143.2/4685.3	3.7916e+03	4685.30
## 276	2423.3/1576.1/1641.4	2215.3/1956.5/2420.5	1.6414e+03	2215.30
## 277	3473.8/2571/3868.6	2092.7/2901.9/2623.2	3.4738e+03	2623.20
## 278	3519.4/3012.7/3361.2	4023.3/6041.3/4197.1	3.3612e+03	4197.10
## 279	4223.1/4648.5/6016.2	3658.6/5100.5/2262.9	4.6485e+03	3658.60
## 280	6310.9/6714.9/4762.9	5821/4375.3/5149.4	6.3109e+03	5149.40
## 281	2976/1930.8/2163.8	2823.2/2914.6/2063	2.1638e+03	2823.20
## 282	1077.5/1636.7/1519.9	2063.6/1526.5/2109.1	1.5199e+03	2063.60
## 283	689.72/621.82/704.06	89.361/334.35/563.08	6.8972e+02	334.35
## 284	2755.1/2374.9/2730.3	3469.5/2142.1/4213.5	2.7303e+03	3469.50
## 285	3644.3/3672.7/2774.3	2639.3/2786.6/3546.6	3.6443e+03	2786.60

## 286	1891.1/2807/1963.9	2582.1/2371.6/2885.5	1.9639e+03	2582.10
## 287	5168.2/4882.1/5533.6	4255.1/6193.5/7568.9	5.1682e+03	6193.50
## 288	4950.1/6618.4/6203.3	5074.9/3346.9/5194.5	6.2033e+03	5074.90
## 289	3841/4321.7/3350.5	5167.4/4360.3/4717	3.8410e+03	4717.00
## 290	1933.1/2230.6/2119.7	2759.8/2031.4/3396.7	2.1197e+03	2759.80
## 291	5958.6/4976.2/6747.2	7261.1/6244.2/7061.5	5.9586e+03	7061.50
## 292	2003.9/1835.2/2241.2	2624.7/1848.1/3366	2.0039e+03	2624.70
## 293	4534.4/4363.9/6968.6	5027.1/6095.5/5488.6	4.5344e+03	5488.60
## 294	3827.9/3129/3362.3	3402/2237.8/2547.3	3.3623e+03	2547.30
## 295	7481.6/6166.4/9072.2	7809.8/6239.6/6204.4	7.4816e+03	6239.60
## 296	5333.2/5421/4288.9	4649.9/4294.6/3716.7	5.3332e+03	4294.60
## 297	941.37/1256.4/1332.9	195.35/1478/772.55	1.2564e+03	772.55
## 298	2679.7/2119/2380.9	1705.1/2198.6/1169.4	2.3809e+03	1705.10
## 299	9251.6/8152.3/6341.9	7980.2/6861/6104.5	8.1523e+03	6861.00
## 300	3262.2/4017.9/2890.4	2717.2/4058.3/4142.4	3.2622e+03	4058.30
## 301	8138.7/7226.7/5502.4	8684.7/5692/6019.9	7.2267e+03	6019.90
## 302	3265/3388.1/2425	2470.9/3480.7/144.13	3.2650e+03	2470.90
## 303	2232.3/2916.2/2440	3546.4/3121/2537.7	2.4400e+03	3121.00
## 304	4997.7/2577.4/6088.3	4004.6/3793.1/6071.8	4.9977e+03	4004.60
## 305	6141.3/2967.2/4514.6	3953.7/2945.7/3575.4	4.5146e+03	3575.40
## 306	2438.3/2967.2/3360.2	4063.9/2542.2/3719.6	2.9672e+03	3719.60
## 307	2675.9/2099.8/2146.6	2134.3/2778.5/3201.7	2.1466e+03	2778.50
## 308	6547.7/4733.8/4958.5	2774.4/3977.6/4551.7	4.9585e+03	3977.60
## 309	3802.8/3467.1/4900.5	4995.9/4654.3/3806.1	3.8028e+03	4654.30
## 310	2307.8/2777.5/2366.9	3030/3307.7/3007.6	2.3669e+03	3030.00
## 311	2017.9/2774.3/2913	1828.8/2221.7/2054.4	2.7743e+03	2054.40
## 312	2492.3/3084.4/2648.6	1722.8/2898.4/1947.7	2.6486e+03	1947.70
## 313	4382.5/6101/2784	3471.6/2062.6/4821.7	4.3825e+03	3471.60
## 314	6778.8/6506/7365.2	5633.9/4939.1/7913.8	6.7788e+03	5633.90
## 315	4110.4/3862.5/3518.2	4711.2/4300.4/5828.7	3.8625e+03	4711.20
## 316	2991.9/2382.9/3363.4	2160.3/3765.4/3730.1	2.9919e+03	3730.10
## 317	2501.6/3723/2191.7	3172.3/3637.5/2081.3	2.5016e+03	3172.30
## 318	5355.6/4815.9/6479.5	4355.8/3401.1/5723	5.3556e+03	4355.80
## 319	2778.5/2645.1/2675.4	1907.8/3435.7/3367.9	2.6754e+03	3367.90
## 320	3470/5182.7/3323.6	4262.3/5557.1/3856	3.4700e+03	4262.30
## 321	3201.6/3592.2/4026.6	3313.6/2787.8/1710.4	3.5922e+03	2787.80
## 322	3786/5115.7/3602	4612.5/5220.4/3664.8	3.7860e+03	4612.50
## 323	7092/4769.7/7326.5	5945.6/5047.5/6148.7	7.0920e+03	5945.60
## 324	4327.5/4666.9/4076	3637.8/6217.7/5210.9	4.3275e+03	5210.90
## 325	6403.2/5704/4850	4319.5/5152.4/4682.4	5.7040e+03	4682.40
## 326	4822.4/2680.2/7898.4	5755.5/5660.8/6633	4.8224e+03	5755.50
## 327	5189.7/4182.2/4571.6	5477/5211.2/6260.2	4.5716e+03	5477.00
## 328	3109.3/2912.2/3005.4	2887.6/2281.6/2184.1	3.0054e+03	2281.60
## 329	2441/5016.8/2750.7	3177.5/1550.7/2061.1	2.7507e+03	2061.10
## 330	1719.6/4791.2/4494.2	4426.5/3009.1/3601.4	4.4942e+03	3601.40
## 331	4519.5/4976.2/3005.4	3202.5/5350.7/3625.4	4.5195e+03	3625.40
## 332	7785.4/6275.6/5841	4772.5/6222.3/5212.8	6.2756e+03	5212.80
## 333	2392.6/3786.7/3244.1	3264.8/4292.3/3994.4	3.2441e+03	3994.40
## 334	3140.1/1627.9/2201.4	3891.4/2577.9/2812.5	2.2014e+03	2812.50
## 335	2687.1/4214.8/2664.7	2008.6/1571.4/3228.6	2.6871e+03	2008.60
## 336	4354.6/4115.2/4144.8	4169.8/4996.8/6044.9	4.1448e+03	4996.80
## 337	2232.3/3014.2/3892.2	2404.4/2295.5/2255.2	3.0142e+03	2295.50
## 338	1410.2/1250/1336.1	641.12/868.15/1481.7	1.3361e+03	868.15
## 339	5460/6528.3/3999.7	4678/3239.7/4481.6	5.4600e+03	4481.60

## 340	4198.9/3485.4/3282.8	5852.1/4254.3/4224	3.4854e+03	4254.30
## 341	3115.9/4193.3/4961.8	3347.9/3167.1/4580.5	4.1933e+03	3347.90
## 342	3719.8/4182.2/4077.1	4474.3/5033.6/4909.2	4.0771e+03	4909.20
## 343	6210.3/6212.6/4481.3	5174.6/4894.1/5613.5	6.2103e+03	5174.60
## 344	4078.7/5688.1/6090.4	4700.8/3403.4/6563.8	5.6881e+03	4700.80
## 345	3034.8/1617.5/4546.8	3740.7/2167.5/4077	3.0348e+03	3740.70
## 346	1031.8/1690.9/1679	1664.6/562.62/1168.4	1.6790e+03	1168.40
## 347	3321.8/4364.7/4711.3	5041.6/5761.1/5208.9	4.3647e+03	5208.90
## 348	1956.4/2150.9/1407	1403.8/2197.5/1300.1	1.9564e+03	1403.80
## 349	4584.8/3075.6/3424.6	3613.9/4325.8/4166.4	3.4246e+03	4166.40
## 350	6025.7/6771.5/6664.4	4768.4/5618.2/5898.9	6.6644e+03	5618.20
## 351	4712.5/6384/4811.3	5689/6225.8/5229.1	4.8113e+03	5689.00
## 352	3205.3/3568.3/4067.4	3993.2/2818.9/2632.8	3.5683e+03	2818.90
## 353	3241.7/3668/4052.4	2833.6/4479.1/2907.6	3.6680e+03	2907.60
## 354	2511.9/5295.9/4087.9	3286.6/4445.7/2850	4.0879e+03	3286.60
## 355	5511.2/4084.1/4969.3	4083.6/3367.7/5232	4.9693e+03	4083.60
## 356	5140.3/3946.2/3624.6	4269.6/5350.7/4730.4	3.9462e+03	4730.40
## 357	3095.3/4745/4064.2	4859.8/4701.6/5014.9	4.0642e+03	4859.80
## 358	3835.4/3121.9/2866.8	2218.4/3812.7/4116.4	3.1219e+03	3812.70
## 359	6426.5/6026.9/8175.7	8840.5/6066.7/7434.4	6.4265e+03	7434.40
## 360	8533.9/6033.3/6585.9	7606.1/7289.9/7659.2	6.5859e+03	7606.10
## 361	2168.9/2574.2/1492	2737/3305.4/911.88	2.1689e+03	2737.00
## 362	999.16/2148.5/945.92	1830.9/1376.6/1361.6	9.9916e+02	1376.60
## 363	4720.9/5512.7/4372.7	5239.1/3865.7/3509.1	4.7209e+03	3865.70
## 364	2932.2/1781.8/2104.7	2663.2/3312.3/2417.6	2.1047e+03	2663.20
## 365	4897.9/4808.8/4417.9	3946.4/5094.7/3369.8	4.8088e+03	3946.40
## 366	2706.7/1980.3/2833.4	2076.1/2176.7/1975.6	2.7067e+03	2076.10
## 367	4639.8/3600.2/4469.5	4596.9/3650.1/3420.7	4.4695e+03	3650.10
## 368	3527.8/2248.1/4043.8	2806.6/2939.9/2667.4	3.5278e+03	2806.60
## 369	1907.9/2198.7/2077.8	1350.8/1539.1/3257.4	2.0778e+03	1539.10
## 370	8412.7/8223.2/8321.9	7104.2/8086.6/7203.7	8.3219e+03	7203.70
## 371	2029.1/1152/1589.8	1521.2/2056.8/2675.1	1.5898e+03	2056.80
## 372	907.82/1497.2/1275.9	1690.6/1889.6/938.78	1.2759e+03	1690.60
## 373	2522.1/2101.4/1073.8	2637.2/2455.7/3031.6	2.1014e+03	2637.20
## 374	0/0/0	0/10.376/0	7.9721e-01	0.00
## 375	3251.9/4295.4/2652.9	2021/2580.2/3235.3	3.2519e+03	2580.20
## 376	3039.4/2986.3/2503.5	4112.7/3480.7/3627.3	2.9863e+03	3627.30
## 377	1692.6/2052.8/805.1	2236.1/2167.5/1051.2	1.6926e+03	2167.50
## 378	1838/2153.3/1882.2	2907.4/2378.5/1672.9	1.8822e+03	2378.50
## 379	3990.1/4010/3938.4	3771.9/3253.5/2625.1	3.9901e+03	3253.50
## 380	3799/4877.3/3670.8	4515.9/4846.9/66.301	3.7990e+03	4515.90
## 381	2272.3/2492.1/3025.9	3064.3/1528.8/3436.1	2.4921e+03	3064.30
## 382	2156.8/1387.9/1859.6	2668.4/2348.5/1454.8	1.8596e+03	2348.50
## 383	2505.4/1802.5/2413.2	1257.3/2398.1/1852.6	2.4132e+03	1852.60
## 384	2344.1/2377.3/1905.8	2124.9/2896.1/3146.9	2.3441e+03	2896.10
## 385	4049.8/5924.1/6239.8	5027.1/4128.6/5167.6	5.9241e+03	5027.10
## 386	3069.3/3683.1/3553.6	2201.8/3481.8/2870.2	3.5536e+03	2870.20
## 387	8880.6/6204.7/8945.4	7088.6/7775.3/7820.6	8.8806e+03	7775.30
## 388	7415.4/5448.1/6258.1	7177/8189.2/6564.8	6.2581e+03	7177.00
## 389	6816.1/6286/5523.9	5328.4/5368/6151.6	6.2860e+03	5368.00
## 390	5403.1/5338.1/4213.6	8004.1/4489.5/6177.5	5.3381e+03	6177.50
## 391	7440.6/6852.8/5469.1	5897.8/6911.7/5170.5	6.8528e+03	5897.80
## 392	2492.3/2533.5/2919.4	2084.4/1969.2/1859.3	2.5335e+03	1969.20
## 393	2829.7/1257.2/1508.1	1369.5/2081/1937.1	1.5081e+03	1937.10

## 394	4211/5422.6/4227.6	4962.7/5660.8/4160.6	4.2276e+03	4962.70
## 395	1561.2/2236.2/1215.7	1702/2373.9/1995.8	1.5612e+03	1995.80
## 396	2522.1/1981.1/2580.8	1426.7/2468.4/1964	2.5221e+03	1964.00
## 397	4966.9/3654.4/5648.6	3473.7/4920.7/4171.2	4.9669e+03	4171.20
## 398	2511.9/2243.3/3089.3	1782/2337/1956.4	2.5119e+03	1956.40
## 399	685.06/999.7/892.17	933.1/6.9175/570.76	8.9217e+02	570.76
## 400	3932.3/4082.5/3600.9	3230.5/3864.6/3194	3.9323e+03	3230.50
## 401	5015.4/4635.8/4291	3991.1/6153.1/5397.3	4.6358e+03	5397.30
## 402	4416.1/4091.3/5346.6	3372.9/4657.8/3674.4	4.4161e+03	3674.40
## 403	3296.7/4024.3/4682.3	3491.3/2756.6/3318.9	4.0243e+03	3318.90
## 404	6202.8/5397.9/4928.4	6236.6/6221.2/4871.7	5.3979e+03	6221.20
## 405	2244.4/2088.7/3086.1	1648/1725.9/2359	2.2444e+03	1725.90
## 406	5473/3342.7/6704.2	5912.4/6301.9/6882.8	5.4730e+03	6301.90
## 407	3076.7/2686.6/3829.9	2643.4/2130.6/2465.6	3.0767e+03	2465.60
## 408	2000.2/2398/3467.6	3015.4/2931.9/2525.2	2.3980e+03	2931.90
## 409	745.64/822.72/1667.2	1129.5/969.6/1125.2	8.2272e+02	1125.20
## 410	2667.5/2163.6/4140.5	2775.4/1456.1/2106.3	2.6675e+03	2106.30
## 411	5823.5/7631.7/5033.8	4244.7/4978.3/5395.4	5.8235e+03	4978.30
## 412	6513.2/6186.3/6603.1	7569.7/5617/5216.6	6.5132e+03	5617.00
## 413	3336.8/3587.4/3662.2	2933.3/4893/2902.8	3.5874e+03	2933.30
## 414	2826/1737.9/2630.3	3184.8/3240.9/3170.9	2.6303e+03	3184.80
## 415	6415.3/5329.3/6899.8	5440.6/6588.9/5528.9	6.4153e+03	5528.90
## 416	4390.9/3671.1/4913.4	3629.5/5521.3/3666.7	4.3909e+03	3666.70
## 417	6300.7/6549.9/5938.8	5425.1/4690.1/7168.2	6.3007e+03	5425.10
## 418	3866.2/4509/5003.7	2793.1/3858.8/3776.3	4.5090e+03	3776.30
## 419	2284.5/2354.2/3446.1	1758.1/1835.4/2862.5	2.3542e+03	1835.40
## 420	3230.5/4356.7/3513.9	4012.9/4774.2/4145.3	3.5139e+03	4145.30
## 421	1603.1/1282.7/2101.4	1264.6/940.78/1185.7	1.6031e+03	1185.70
## 422	3978.9/3601/4045.9	3274.2/4075.6/3306.4	3.9789e+03	3306.40
## 423	3140.1/2410.8/1696.2	3255.5/2926.1/2591.5	2.4108e+03	2926.10
## 424	1502.5/1045.9/1601.6	865.56/2666.7/1101.2	1.5025e+03	1101.20
## 425	529.41/886.5/160.16	140.28/302.06/846.54	5.2941e+02	302.06
## 426	4460.8/4104.8/4858.6	2878.3/4644/3749.4	4.4608e+03	3749.40
## 427	2903.3/2753.6/3464.4	3467.4/2558.3/3576.4	2.9033e+03	3467.40
## 428	3704/4863/4294.2	4884.7/2741.6/3603.3	4.2942e+03	3603.30
## 429	4499/4327.2/3610.6	3545.4/4959.9/3635	4.3272e+03	3635.00
## 430	2502.6/2683.4/2771.1	1805.9/3828.8/2145.7	2.6834e+03	2145.70
## 431	2456/3162.5/2310	3673.2/2967.6/2899.9	2.4560e+03	2967.60
## 432	4055.4/4495.5/4229.7	3508/4536.7/3548.5	4.2297e+03	3548.50
## 433	2415.9/2697.8/2534.6	2225.7/3054.1/3070	2.5346e+03	3054.10
## 434	2752.4/2932.1/1993.9	2462.6/2210.1/2108.2	2.7524e+03	2210.10
## 435	5981/6664.7/6991.2	6286.5/5803.8/5156.1	6.6647e+03	5803.80
## 436	2179.1/2358.1/3214	2781.6/2854.6/3391	2.3581e+03	2854.60
## 437	3999.4/4213.2/5374.5	4774.6/4886.1/5012.9	4.2132e+03	4886.10
## 438	1495/6882.3/5759.3	4872.3/5909.9/4966.8	5.7593e+03	4966.80
## 439	2226.7/2091.9/4211.5	1371.6/1746.7/1856.4	2.2267e+03	1746.70
## 440	4364.8/3223.1/3334.4	3797.9/4706.2/3928.1	3.3344e+03	3928.10
## 441	8199.3/5625.9/5426.1	5905.1/6407.9/8587.4	5.6259e+03	6407.90
## 442	4382.5/3379.4/3844.9	4240.5/3205.1/2114.9	3.8449e+03	3205.10
## 443	2379.5/2480.1/2081	1617.9/1885/2821.2	2.3795e+03	1885.00
## 444	2867/3153/3963.2	3469.5/2581.4/2015.9	3.1530e+03	2581.40
## 445	6211.2/6573/6903	5731.6/7695.7/5207	6.5730e+03	5731.60
## 446	1247.1/2138.1/1630.6	1762.3/2466.1/2032.3	1.6306e+03	2032.30
## 447	2428/2697/3762.2	2674.6/3220.1/4300.9	2.6970e+03	3220.10

## 448	2084.1/2226.6/2224	1300.9/2791.2/1752.7	2.2240e+03	1752.70
## 449	2555.7/3198.4/1854.2	4208.3/2556/3062.3	2.5557e+03	3062.30
## 450	4111.3/4299.3/4543.6	4760/3070.2/3636	4.2993e+03	3636.00
## 451	3544.6/4754.6/2688.3	2950/2928.4/3590.8	3.5446e+03	2950.00
## 452	3276.2/3699.8/4310.4	3093.4/3200.5/2979.7	3.6998e+03	3093.40
## 453	2088.7/3094.8/2506.7	2573.8/2015.3/1598.9	2.5067e+03	2015.30
## 454	2667.5/2368.5/1383.4	2216.4/1891.9/1612.4	2.3685e+03	1891.90
## 455	381.21/1004.5/583.67	810.49/3.4588/1338.5	5.8367e+02	810.49
## 456	1892.1/2660.3/2255.1	2226.8/2714/4175	2.2551e+03	2714.00
## 457	3394.5/2756.7/3111.8	4937.7/3653.6/3036.4	3.1118e+03	3653.60
## 458	2944.4/3913.5/3613.8	3028.9/4113.6/2926.9	3.6138e+03	3028.90
## 459	2708.5/3554.8/2518.5	3347.9/2052.2/2206.2	2.7085e+03	2206.20
## 460	5936.2/4205.3/5566.9	5450/4834.2/4066.5	5.5669e+03	4834.20
## 461	5235.3/5676.1/7548	4936.7/4572.5/5575	5.6761e+03	4936.70
## 462	5157.1/5602/4886.5	5325.3/5859.1/6536.9	5.1571e+03	5859.10
## 463	3278/3052.5/3942.7	4393.3/3830/3739.8	3.2780e+03	3830.00
## 464	2507.2/2838.1/3006.5	3045.6/3348.1/4702.6	2.8381e+03	3348.10
## 465	2549.2/2709.7/3556.9	2071.9/4768.5/3207.4	2.7097e+03	3207.40
## 466	5021.9/5132.4/6085	5828.2/6404.5/4806.3	5.1324e+03	5828.20
## 467	3819.6/5169.9/4652.2	5312.8/5982.5/3764.7	4.6522e+03	5312.80
## 468	1854.8/1733.1/2228.3	1231.3/1450.4/1874.7	1.8548e+03	1450.40
## 469	3874.5/3453.5/3805.2	3636.8/3137.1/3215.1	3.8052e+03	3215.10
## 470	6250.4/7802.3/5046.7	5047.9/6030.9/5484.7	6.2504e+03	5484.70
## 471	2671.3/3086/1877.9	3734.5/3160.2/2618.4	2.6713e+03	3160.20
## 472	4829.9/3344.3/3613.8	4660.3/4186.2/3964.6	3.6138e+03	4186.20
## 473	3430/4425.3/3128	2938.5/1631.4/2874	3.4300e+03	2874.00
## 474	2239.7/1531.4/2001.5	3069.5/1408.9/2419.5	2.0015e+03	2419.50
## 475	3605.2/3275.7/2191.7	3817.6/3850.7/3161.3	3.2757e+03	3817.60
## 476	1854.8/1840/1662.9	1440.2/1925.4/19.218	1.8400e+03	1440.20
## 477	2144.7/2789.4/2634.6	1897.4/2642.5/2153.3	2.6346e+03	2153.30
## 478	5996.8/6345/5932.4	5254.7/4920.7/6516.7	5.9968e+03	5254.70
## 479	8156.4/6871.1/6602.1	7313.1/8993.9/7666.9	6.8711e+03	7666.90
## 480	2177.3/2260.1/2958.1	2702.7/2969.9/2234.1	2.2601e+03	2702.70
## 481	3773/3760.4/2676.5	3951.6/3169.4/3183.4	3.7604e+03	3183.40
## 482	5546.6/5602.8/4981.1	4841.1/4612.8/5317.5	5.5466e+03	4841.10
## 483	3185.8/3565.9/3116.1	2623.7/3712.4/3762.8	3.1858e+03	3712.40
## 484	6247.6/4037.1/4920.9	5583/4733.9/5608.7	4.9209e+03	5583.00
## 485	3505.5/5707.2/4439.4	3349/3812.7/4465.2	4.4394e+03	3812.70
## 486	3635.9/5050.3/4708.1	4413/3556.8/4063.6	4.7081e+03	4063.60
## 487	3373.1/2551.1/2230.4	3015.4/2622.9/3645.6	2.5511e+03	3015.40
## 488	4998.6/6290/6470.9	5710.8/5543.2/5034.1	6.2900e+03	5543.20
## 489	3655.5/5537.4/5326.2	4643.7/3632.8/5061.9	5.3262e+03	4643.70
## 490	7202.9/5507.1/7446.9	6621.1/9344.4/8000.3	7.2029e+03	8000.30
## 491	5394.7/4420.5/5098.3	5505.1/4435.3/4204.8	5.0983e+03	4435.30
## 492	3813/4894.9/4011.5	4303.9/3204/3427.5	4.0115e+03	3427.50
## 493	2976/3672.7/3933.1	4230.1/5625.1/2960.5	3.6727e+03	4230.10
## 494	3194.1/4722.7/3221.5	2701.6/1659.1/3252.6	3.2215e+03	2701.60
## 495	3746.9/4151.9/4176	4517.9/4744.3/4945.7	4.1519e+03	4744.30
## 496	4693.8/3958.9/4426.5	5038.5/5704.6/4354.7	4.4265e+03	5038.50
## 497	2773.8/2954.5/4352.3	3804.1/2462.6/1659.4	2.9545e+03	2462.60
## 498	7299.8/5773.4/5457.3	3644.1/5077.5/5194.5	5.7734e+03	5077.50
## 499	2744/3140.2/1746.7	2274.6/2159.4/3251.6	2.7440e+03	2274.60
## 500	6294.2/4973.8/3924.5	5798.1/5614.7/4049.2	4.9738e+03	5614.70
## 501	1858.5/1261.2/1173.8	958.04/1858.5/1572	1.2612e+03	1572.00

## 502	5888.7/5830.8/5608.9	4716.4/5521.3/5135	5.8308e+03	5135.00
## 503	4187.7/4536.1/3477.3	3390.5/3604/5307	4.1877e+03	3604.00
## 504	2209/4157.4/3206.4	4050.4/2081/2702	3.2064e+03	2702.00
## 505	2765.4/3533.2/2851.7	3795.8/2334.7/3324.7	2.8517e+03	3324.70
## 506	3100.9/2309.5/2500.2	2057.4/3328.5/2059.2	2.5002e+03	2059.20
## 507	4692/4168.6/3517.1	2682.9/3592.5/3764.7	4.1686e+03	3592.50
## 508	4281.9/3878.4/5169.2	4866/2249.3/5152.3	4.2819e+03	4866.00
## 509	2917.3/2565.4/2576.5	3918.4/2257.4/3022.9	2.5765e+03	3022.90
## 510	3131.7/3096.4/4358.7	4074.3/3624.8/3112.3	3.1317e+03	3624.80
## 511	5524.3/3797.9/4682.3	3806.2/4073.3/4450.8	4.6823e+03	4073.30
## 512	1470.8/1221.3/762.11	921.67/515.35/1202.1	1.2213e+03	921.67
## 513	2206.2/2493.7/2044.5	3878.9/2614.8/2477.2	2.2062e+03	2614.80
## 514	3707.7/2775.1/3022.6	1995/3849.6/2541.5	3.0226e+03	2541.50
## 515	2461.6/2936.9/2228.3	1947.2/2892.7/2927.8	2.4616e+03	2892.70
## 516	2270.5/2510.4/2681.9	1985.7/2075.3/2449.3	2.5104e+03	2075.30
## 517	3831.7/3414.4/4467.3	4444.2/2043/4373	3.8317e+03	4373.00
## 518	5349.1/6592.9/6049.6	3396.8/5364.5/5361.7	6.0496e+03	5361.70
## 519	2753.3/2052/2310	1216.8/3308.9/2722.2	2.3100e+03	2722.20
## 520	3871.7/3031.8/2287.4	3506.9/2195.2/3569.7	3.0318e+03	3506.90
## 521	4666.8/5627.5/4741.4	5388.7/4140.1/3118.1	4.7414e+03	4140.10
## 522	2115.8/3061.3/1733.8	2725.5/1724.8/1602.8	2.1158e+03	1724.80
## 523	2823.2/5024.8/1963.9	2368.1/2036.1/2506	2.8232e+03	2368.10
## 524	3068.3/3500.5/3229	1984.7/3896.9/2741.4	3.2290e+03	2741.40
## 525	5439.5/5000.9/7173.9	5394.9/4287.7/4798.7	5.4395e+03	4798.70
## 526	6320.3/5996.6/6423.6	5579.9/5629.7/7047.1	6.3203e+03	5629.70
## 527	3937/4076.9/2834.5	3378.1/4699.3/4474.8	3.9370e+03	4474.80
## 528	4390.9/4866.2/4901.6	5127.9/3357.3/4268.2	4.8662e+03	4268.20
## 529	3301.3/4143.1/2514.2	2350.4/3788.5/4195.2	3.3013e+03	3788.50
## 530	6331.4/6152.1/6400	5645.3/4039.8/7026.9	6.3314e+03	5645.30
## 531	3296.7/2716.9/3926.6	2645.5/2984.9/2813.5	3.2967e+03	2813.50
## 532	2293.8/568.41/1455.4	2008.6/1141.4/1053.1	1.4554e+03	1141.40
## 533	3298.5/2087.9/3475.2	3781.2/3900.3/3109.4	3.2985e+03	3781.20
## 534	2971.4/3421.6/2713.1	3463.3/2463.8/3427.5	2.9714e+03	3427.50
## 535	3519.4/3507.7/3997.6	3021.7/3214.3/2320.5	3.5194e+03	3021.70
## 536	3654.6/3903.1/4036.3	4466/3168.2/4428.7	3.9031e+03	4428.70
## 537	4781.4/4932.3/4301.8	5364.8/4401.8/5829.7	4.7814e+03	5364.80
## 538	4566.1/3162.5/3679.4	3757.3/2838.5/3171.9	3.6794e+03	3171.90
## 539	2624.7/3663.2/2630.3	2206/2120.2/2481	2.6303e+03	2206.00
## 540	5773.1/6619.2/6424.7	4862.9/5746.1/6543.6	6.4247e+03	5746.10
## 541	10212/9753.1/9438.7	10597/11044/9470.5	9.7531e+03	10597.00
## 542	5495.4/5709.6/4521	4739.3/4873.4/4967.8	5.4954e+03	4873.40
## 543	1629.2/1166.3/1094.3	893.61/584.53/1292.4	1.1663e+03	893.61
## 544	4707.8/4449.2/3301	5813.7/4997.9/4924.5	4.4492e+03	4997.90
## 545	3222.1/3026.2/1956.3	2392/2579.1/2923	3.0262e+03	2579.10
## 546	2252.8/2683.4/2522.8	2116.6/2086.8/2660.7	2.5228e+03	2116.60
## 547	2077.5/1265.2/2044.5	1681.2/3073.7/1424	2.0445e+03	1681.20
## 548	4284.6/3476.6/4252.3	4574.1/4785.8/5074.4	4.2523e+03	4785.80
## 549	4394.6/3563.5/2286.3	3078.8/3552.1/2883.6	3.5635e+03	3078.80
## 550	3744.1/3628.9/2550.7	4745.5/4118.2/3670.6	3.6289e+03	4118.20
## 551	3810.2/3468.7/3547.2	4030.6/5163.9/3595.6	3.5472e+03	4030.60
## 552	4252/4893.3/4579.1	5132/3749.3/5467.4	4.5791e+03	5132.00
## 553	2269.6/1886.2/2092.8	2764/2458/1313.5	2.0928e+03	2458.00
## 554	2040.3/2278.4/2646.4	2720.3/1501.1/1896.8	2.2784e+03	1896.80
## 555	3837.3/3541.2/3125.8	3101.7/4320/4022.3	3.5412e+03	4022.30

## 556	4453.4/3992.4/4425.4	5812.6/2395.8/4965.8	4.4254e+03	4965.80
## 557	3879.2/3813/3884.7	3376/3767.7/3324.7	3.8792e+03	3376.00
## 558	3197.9/2312.7/2214.3	2695.4/2469.6/3071.9	2.3127e+03	2695.40
## 559	4047/3994.8/2546.4	4684.2/4504.5/4111.6	3.9948e+03	4504.50
## 560	3267.8/3003.1/3576.2	2399.2/2810.8/2848.1	3.2678e+03	2810.80
## 561	4293/4545.7/2990.4	4816.2/2506.4/3772.4	4.2930e+03	3772.40
## 562	7597.2/5865.9/6606.4	5760.7/7257.6/9046.7	6.6064e+03	7257.60
## 563	999.16/1486/1555.4	1193.9/1879.3/1104.1	1.4860e+03	1193.90
## 564	6338/6568.2/6578.4	5918.6/5929.5/7935.9	6.5682e+03	5929.50
## 565	4746.9/7284.9/6431.2	6290.6/5620.5/5800.9	6.4312e+03	5800.90
## 566	5750.8/6035.7/3552.6	5089.4/5874.1/5157.1	5.7508e+03	5157.10
## 567	3580/2512.8/1706.9	1942.1/2130.6/2244.6	2.5128e+03	2130.60
## 568	2188.5/3074/3372	1887/2650.6/3085.4	3.0740e+03	2650.60
## 569	4091.7/4143.1/3207.5	3600.4/3998.3/3479.4	4.0917e+03	3600.40
## 570	2244.4/3274.1/2504.5	4103.3/1853.9/2883.6	2.5045e+03	2883.60
## 571	4253.9/1891/4005.1	5268.2/4489.5/3497.6	4.0051e+03	4489.50
## 572	3677.9/2719.3/3269.9	2731.8/2835/3647.5	3.2699e+03	2835.00
## 573	2106.4/3516.5/2487.3	2111.4/1609.5/2461.8	2.4873e+03	2111.40
## 574	2912.7/2693.8/2538.9	2517.7/3079.4/3327.5	2.6938e+03	3079.40
## 575	3663/4438.9/3995.4	4468.1/2635.6/5061	3.9954e+03	4468.10
## 576	5159.8/4162.2/5024.1	4490.9/5493.7/3884.9	5.0241e+03	4490.90
## 577	3479.4/5327.7/6605.3	5912.4/5877.6/5399.2	5.3277e+03	5877.60
## 578	5858.9/4596.7/4807	4457.7/5326.5/5442.4	4.8070e+03	5326.50
## 579	1242.4/1274.7/1911.2	1532.7/2232.1/1437.5	1.2747e+03	1532.70
## 580	2501.6/3172.1/2518.5	1778.9/3318.1/2887.5	2.5185e+03	2887.50
## 581	5660.4/5770.2/3984.7	4109.6/6730.7/6223.6	5.6604e+03	6223.60
## 582	3385.2/3256.6/3800.9	3814.5/3299.7/4728.5	3.3852e+03	3814.50
## 583	4690.1/3436.8/5016.6	4181.3/2290.8/4356.6	4.6901e+03	4181.30
## 584	6891.6/5475.2/5326.2	7223.7/4924.1/4463.3	5.4752e+03	4924.10
## 585	2350.6/2343/2368	3138/2702.4/2482.9	2.3506e+03	2702.40
## 586	2356.2/3455.9/3114	3519.4/3660.5/2277.3	3.1140e+03	3519.40
## 587	6384.6/5359.6/5247.7	4988.6/5896/6512.9	5.3596e+03	5896.00
## 588	3133.6/3247.8/4001.9	2836.7/2554.9/3237.2	3.2478e+03	2836.70
## 589	2505.4/1802.5/3825.6	2597.7/2863.9/3208.4	2.5054e+03	2863.90
## 590	8073.4/9259.6/5874.4	7437.8/8913.2/8737.3	8.0734e+03	8737.30
## 591	1066.3/1083.4/392.34	1292.6/1866.6/1263.6	1.0663e+03	1292.60
## 592	4777.7/5553.4/3969.6	6676.1/3198.2/5276.2	4.7777e+03	5276.20
## 593	4112.2/2934.5/4303.9	4898.2/4572.5/3438	4.1122e+03	4572.50
## 594	5042.4/5369.2/4400.7	3778.1/5554.8/5881.6	5.0424e+03	5554.80
## 595	3320/3653.6/3855.7	4085.7/4569/3662.9	3.6536e+03	4085.70
## 596	3196/2766.3/3054.9	2097.9/3913/3446.7	3.0549e+03	3446.70
## 597	2881/5677.7/3750.3	3995.3/3149.8/3314.1	3.7503e+03	3314.10
## 598	3356.3/3289.3/3366.6	3564.1/1916.2/2947	3.3563e+03	2947.00
## 599	3421.6/3852.9/2894.7	3008.2/5104/1320.3	3.4216e+03	3008.20
## 600	6573.8/6282/5593.8	6849.6/7396/5996.9	6.2820e+03	6849.60
## 601	4443.1/5376.4/5353	5763.8/4702.8/4833.2	5.3530e+03	4833.20
## 602	5255.8/4324.9/3686.9	4788.1/5413/4039.6	4.3249e+03	4788.10
## 603	4103.8/1962.7/3685.8	4741.3/3260.5/3185.3	3.6858e+03	3260.50
## 604	3612.6/2940.1/3705.2	4479.5/3537.2/4030.9	3.6126e+03	4030.90
## 605	3369.4/4234.8/3814.8	3385.3/2836.2/4419.1	3.8148e+03	3385.30
## 606	4561.5/5692.9/6435.5	5164.3/4618.6/5881.6	5.6929e+03	5164.30
## 607	3282.7/3453.5/1944.5	2715.1/2888.1/4147.2	3.2827e+03	2888.10
## 608	4043.2/5055.1/4272.7	5994.5/3819.6/162.39	4.2727e+03	3819.60
## 609	2124.1/2516.8/3217.2	2859.6/2381.9/3654.2	2.5168e+03	2859.60

## 610	1032.7/1550.6/2308.9	2158.2/1813.5/1536.5	1.5506e+03	1813.50
## 611	4321.9/1992.2/3301	3691.9/2629.8/4814	3.3010e+03	3691.90
## 612	3223/4938.7/3651.4	3051.8/3240.9/3887.7	3.6514e+03	3240.90
## 613	3382.4/2249.7/2723.8	2372.2/2582.5/1941	2.7238e+03	2372.20
## 614	4239/4040.3/4497.4	4821.4/3795.4/3720.5	4.2390e+03	3795.40
## 615	2456.9/2588.5/3597.7	2247.5/3907.2/2154.3	2.5885e+03	2247.50
## 616	4026.5/3422.4/4980	3453.9/4456/4559.4	4.0265e+03	4456.00
## 617	3465.4/2744/4455.5	3924.6/2188.2/3860.8	3.4654e+03	3860.80
## 618	1448.4/1270/2122.9	1199.1/2085.6/1192.5	1.4484e+03	1199.10
## 619	2898.7/3581.9/2471.2	2283.9/3854.2/3255.5	2.8987e+03	3255.50
## 620	5212/3813/3616	4123.1/3139.4/3401.5	3.8130e+03	3401.50
## 621	5400.3/5949.6/7650.1	6472.5/6469/6468.7	5.9496e+03	6469.00
## 622	3265/4883.7/3381.6	2930.2/2996.4/3791.6	3.3816e+03	2996.40
## 623	3910.9/4709.1/4487.7	4043.1/3356.1/4157.7	4.4877e+03	4043.10
## 624	1388.8/1695.7/1660.7	1534.7/3199.3/1923.7	1.6607e+03	1923.70
## 625	3328.4/2370.1/2606.6	1881.8/3005.7/2274.4	2.6066e+03	2274.40
## 626	3168/3360.2/2386.3	2977/3536/4224	3.1680e+03	3536.00
## 627	2672.2/3173.7/5039.2	2805.5/4573.6/2368.6	3.1737e+03	2805.50
## 628	1404.6/1689.3/2312.1	1074.4/1912.7/1426.9	1.6893e+03	1426.90
## 629	3044.1/3377.8/2897.9	1785.1/2702.4/2686.6	3.0441e+03	2686.60
## 630	3380.6/4128.7/4070.7	3656.5/3800/2939.3	4.0707e+03	3656.50
## 631	5566.2/5212.2/5365.9	4776.7/4887.2/5039.8	5.3659e+03	4887.20
## 632	5540.1/7478.6/5176.7	5055.1/3311.2/5109	5.5401e+03	5055.10
## 633	3547.4/4824.7/3058.1	3164/2607.9/3969.4	3.5474e+03	3164.00
## 634	2779.4/3242.2/4287.8	3607.7/4145.9/3376.5	3.2422e+03	3607.70
## 635	5778.7/4984.9/4625.3	4527.3/4792.7/3318.9	4.9849e+03	4527.30
## 636	2623.7/4046.6/2691.6	2237.2/3877.3/3022	2.6916e+03	3022.00
## 637	2219.2/2150.1/1110.4	1856.8/1788.2/2942.2	2.1501e+03	1856.80
## 638	2201.5/2067.2/1853.1	2330.7/3274.3/2352.2	2.0672e+03	2352.20
## 639	3535.3/3991.6/5609.9	4391.2/4532.1/3833	3.9916e+03	4391.20
## 640	4374.1/4276.2/4080.3	2826.3/4688.9/5113.8	4.2762e+03	4688.90
## 641	1222.9/2011.4/2572.2	2288.1/2014.1/2308	2.0114e+03	2288.10
## 642	5733.1/5554.2/3877.2	4928.4/6277.6/5082.1	5.5542e+03	5082.10
## 643	3764.6/3332.3/4063.1	4148/2971.1/4689.1	3.7646e+03	4148.00
## 644	5514/4473.9/5915.2	5046.8/5462.5/4670.9	5.5140e+03	5046.80
## 645	2411.2/2451.4/2385.2	2127/2111/1116.5	2.4112e+03	2111.00
## 646	4340.6/3992.4/3957.8	3602.5/7038.6/3199.7	3.9924e+03	3602.50
## 647	6980.1/5106.9/9050.7	7151/7503.2/7708.2	6.9801e+03	7503.20
## 648	4230.6/4256.3/5250.9	3156.7/3886.5/3854.1	4.2563e+03	3854.10
## 649	3571.6/3416.8/4413.6	3205.6/3903.8/2998	3.5716e+03	3205.60
## 650	2910.8/4033.9/4270.6	3645.1/2664.4/4367.2	4.0339e+03	3645.10
## 651	2900.6/3793.1/3257	1907.8/3402.3/2910.5	3.2570e+03	2910.50
## 652	3378.7/4554.5/3550.4	3582.8/3190.1/3052.7	3.5504e+03	3190.10
## 653	4727.4/4391.8/4641.4	4227/3111.7/4907.2	4.6414e+03	4227.00
## 654	5734.9/3498.2/7001.9	5273.4/5431.4/368.02	5.7349e+03	5273.40
## 655	3862.4/5064.7/3441.8	5848/4237/2661.6	3.8624e+03	4237.00
## 656	5202.7/4088.9/5636.8	4765.2/5175.5/4313.4	5.2027e+03	4765.20
## 657	2795.2/2273.6/3475.2	2480.3/3162.5/2435.8	2.7952e+03	2480.30
## 658	3905.3/5019.2/4669.4	5081.1/5139.7/5058.1	4.6694e+03	5081.10
## 659	3526/3592.2/2771.1	3220.1/3171.7/2773.1	3.5260e+03	3171.70
## 660	4521.4/5385.1/5638.9	5627.7/6863.3/5827.8	5.3851e+03	5827.80
## 661	4808.5/3801.9/4134.1	3749/2853.5/4681.4	4.1341e+03	3749.00
## 662	3254.7/3083.6/2636.7	3613.9/3412.6/2421.4	3.0836e+03	3412.60
## 663	2213.6/1556.9/1926.2	2053.2/2182.5/3010.4	1.9262e+03	2182.50

## 664	1798.9/1983.5/3019.4	2877.2/1426.2/1724.8	1.9835e+03	1724.80
## 665	1411.1/1602.4/2652.9	2150.9/1833.1/32.67	1.6024e+03	1833.10
## 666	4929.6/5141.2/7596.3	4333/5566.3/6866.5	5.1412e+03	5566.30
## 667	4336.8/4687.6/4281.3	3948.5/3985.6/3409.2	4.3368e+03	3948.50
## 668	3324.6/2539.9/3119.4	3445.6/4069.8/3336.2	3.1194e+03	3445.60
## 669	4759.1/5063.9/5231.6	5740.9/4503.3/4643.9	5.0639e+03	4643.90
## 670	5439.5/7557.5/4737.1	6415.3/4995.6/5005.2	5.4395e+03	5005.20
## 671	2888.4/3237.5/3593.4	2907.4/1886.2/4439.3	3.2375e+03	2907.40
## 672	2129.7/2205.1/1938.1	2392/1939.2/2493.5	2.1297e+03	2392.00
## 673	700.9/1030/618.07	489.41/846.24/869.6	7.0090e+02	846.24
## 674	6023.9/4581.6/5494.9	5881.2/4724.7/5065.8	5.4949e+03	5065.80
## 675	2114.8/1645.4/1578	1325.9/1737.4/1418.3	1.6454e+03	1418.30
## 676	4490.6/5439.4/5895.8	5157/4337.3/5012.9	5.4394e+03	5012.90
## 677	2629.3/3957.3/2739.9	2549.9/4505.6/3035.4	2.7399e+03	3035.40
## 678	2029.1/2338.2/2062.7	1898.4/1033/1808.4	2.0627e+03	1808.40
## 679	2716.9/2910.6/3121.5	3194.1/3215.5/4482.5	2.9106e+03	3215.50
## 680	6622.2/5958.3/8065	7977.1/5425.6/6152.5	6.6222e+03	6152.50
## 681	1944.3/1391.1/942.69	1597.1/1862/1241.5	1.3911e+03	1597.10
## 682	1991.8/1468.5/1518.8	1734.2/2650.6/1264.5	1.5188e+03	1734.20
## 683	1318.9/2616.4/3413.9	2695.4/2331.2/2268.6	2.6164e+03	2331.20
## 684	1616.2/1196.6/1962.8	1837.1/2093.7/1644.1	1.6162e+03	1837.10
## 685	6568.2/5672.9/8529.4	7030.4/5904.1/7781.2	6.5682e+03	7030.40
## 686	4407.7/3337.9/4079.3	2750.5/4437.6/5620.2	4.0793e+03	4437.60
## 687	2305.9/2543.9/1830.6	1690.6/2569.9/3096	2.3059e+03	2569.90
## 688	17.709/2500.8/1559.7	1830.9/1774.3/24.022	1.5597e+03	1774.30
## 689	4272.5/4169.4/3530	5637/3320.4/3809.9	4.1694e+03	3809.90
## 690	2836.2/3561.1/4072.8	3231.6/3225.9/4631.5	3.5611e+03	3231.60
## 691	6442.4/6374.5/5283.2	6768.6/5927.2/4998.5	6.3745e+03	5927.20
## 692	2596.7/3889.6/1740.3	1259.4/2318.5/2630.9	2.5967e+03	2318.50
## 693	5293.1/6313.1/5851.8	5811.6/8661.9/6275.5	5.8518e+03	6275.50
## 694	4382.5/4240.4/4690.9	3911.1/4745.4/5283.9	4.3825e+03	4745.40
## 695	4356.4/3876/4877.9	3995.3/2971.1/5660.6	4.3564e+03	3995.30
## 696	4852.3/4869.4/4863.9	4539.8/4330.4/4481.6	4.8639e+03	4481.60
## 697	1198.6/1516.3/1501.6	1612.7/1298.2/1095.4	1.5016e+03	1298.20
## 698	3612.6/3432/3410.7	4012.9/2810.8/3744.6	3.4320e+03	3744.60
## 699	1013.1/663.28/1359.8	1177.3/1208.3/707.21	1.0131e+03	1177.30
## 700	3192.3/1687.7/2614.2	3285.6/2883.5/2094.7	2.6142e+03	2883.50
## 701	2736.5/2679.4/3848.2	3012.3/3485.3/2496.4	2.7365e+03	3012.30
## 702	1961/1483.6/1254.4	1070.3/1683.3/1789.2	1.4836e+03	1683.30
## 703	4837.4/3925.5/4309.3	4659.3/4753.5/3043.1	4.3093e+03	4659.30
## 704	3142/4774.5/2736.7	4806.8/3371.1/3438	3.1420e+03	3438.00
## 705	4089.9/4132.7/5103.6	4798.5/4472.2/4170.2	4.1327e+03	4472.20
## 706	4453.4/3198.4/4250.2	4469.1/4594.4/4797.7	4.2502e+03	4594.40
## 707	5638/3948.6/6419.3	4742.4/5238.9/5528	5.6380e+03	5238.90
## 708	3785.1/3647.2/3909.4	4108.5/4361.5/3557.2	3.7851e+03	4108.50
## 709	4931.5/4233.2/4626.4	3641/5522.5/4985.1	4.6264e+03	4985.10
## 710	4120.6/4544.9/4436.1	4086.7/5806.1/3480.3	4.4361e+03	4086.70
## 711	2411.2/3324.4/3341.9	3040.4/3026.4/1892.9	3.3244e+03	3026.40
## 712	4068.4/4749/3448.3	3737.6/3470.3/4854.4	4.0684e+03	3737.60
## 713	4171.9/4044.2/5385.3	5274.4/3840.4/3262.2	4.1719e+03	3840.40
## 714	1933.1/2185.9/3119.4	2421.1/2458/1906.4	2.1859e+03	2421.10
## 715	3122.4/4123.2/4040.6	4365.2/4652/3949.2	4.0406e+03	4365.20
## 716	4386.2/3101.9/3912.7	3062.2/4275/3593.7	3.9127e+03	3593.70
## 717	2056.1/2071.1/2100.4	1789.3/1843.5/2376.3	2.0711e+03	1843.50

## 718	12231/14992/11402	13544/12781/12810	1.2231e+04	12810.00
## 719	2294.7/1899/3967.5	3380.1/1938.1/2055.3	2.2947e+03	2055.30
## 720	2933.2/2027.3/3136.6	3264.8/3205.1/2860.5	2.9332e+03	3205.10
## 721	4687.3/4336.8/3723.5	4369.4/4002.9/3845.5	4.3368e+03	4002.90
## 722	4341.5/5940/3533.2	4674.8/5116.7/3954	4.3415e+03	4674.80
## 723	4788.9/6020.5/5458.4	5832.4/6741.1/5323.3	5.4584e+03	5832.40
## 724	2886.6/3313.2/3272	2256.9/2988.4/3394.8	3.2720e+03	2988.40
## 725	3443/3244.6/3459	4773.6/2307/3151.7	3.4430e+03	3151.70
## 726	5182.2/4298.5/5126.2	4382.9/5705.8/4767.9	5.1262e+03	4767.90
## 727	5623.1/6066.8/4440.4	5962.3/5998.6/6082.4	5.6231e+03	5998.60
## 728	5812.3/6003.8/5492.8	4325.7/5430.2/5436.7	5.8123e+03	5430.20
## 729	3545.5/2814.9/5000.5	2971.8/3251.2/5253.1	3.5455e+03	3251.20
## 730	3818.6/3297.3/5344.4	3513.1/2534.1/5098.4	3.8186e+03	3513.10
## 731	4200.8/5074.2/4058.8	6158.7/4521.7/4264.4	4.2008e+03	4521.70
## 732	4056.3/4438.1/4866.1	3503.8/5104/4109.7	4.4381e+03	4109.70
## 733	2373.9/2210.7/3002.2	2803.5/2021.1/2609.8	2.3739e+03	2609.80
## 734	2195.9/4581.6/3151.6	3618.1/2127.1/3423.6	3.1516e+03	3423.60
## 735	6725.7/5921.7/5947.4	5170.5/5567.4/5961.3	5.9474e+03	5567.40
## 736	2272.3/3101.1/3478.4	2787.9/3722.8/3367.9	3.1011e+03	3367.90
## 737	3482.2/4709.9/4480.2	4078.4/4157.4/4352.8	4.4802e+03	4157.40
## 738	3181.1/3431.2/3968.5	3711.6/3685.9/4915.9	3.4312e+03	3711.60
## 739	5860.8/5802.9/5894.8	6855.9/4603.6/6232.3	5.8608e+03	6232.30
## 740	2478.3/2181.2/1880	2398.2/3092.1/2401.2	2.1812e+03	2401.20
## 741	6511.3/7582.3/7917.7	7159.3/4970.2/7278.7	7.5823e+03	7159.30
## 742	2789.6/3736.5/3738.5	2978/4694.7/3445.7	3.7365e+03	3445.70
## 743	4522.3/4804.8/4420	5204.8/4343/4843.8	4.5223e+03	4843.80
## 744	1301.1/872.15/1340.4	1007.9/1134.5/1413.5	1.3011e+03	1134.50
## 745	3409.5/3085.2/4411.4	3685.6/4313.1/2599.2	3.4095e+03	3685.60
## 746	2059.8/2323.1/2635.7	2097.9/1874.6/3247.8	2.3231e+03	2097.90
## 747	4554.9/4060.2/3663.3	4362.1/3987.9/5022.5	4.0602e+03	4362.10
## 748	7344.6/5891.4/6910.6	7704.8/6776.9/7307.5	6.9106e+03	7307.50
## 749	3524.1/3243.8/2820.5	3508/3868/2922	3.2438e+03	3508.00
## 750	5908.3/6261.3/6236.6	8485.2/5491.4/6609	6.2366e+03	6609.00
## 751	2917.3/3078/3049.5	3234.7/2569.9/2794.2	3.0495e+03	2794.20
## 752	5605.4/7028.2/2588.4	6676.1/5253.9/5042.7	5.6054e+03	5253.90
## 753	3837.3/3572.3/4759.7	4615.6/2286.2/3549.5	3.8373e+03	3549.50
## 754	2599.5/2813.3/2070.3	3040.4/2833.9/2418.5	2.5995e+03	2833.90
## 755	7801.3/6258.1/4909.1	6155.5/6915.2/6628.2	6.2581e+03	6628.20
## 756	5773.1/5520.7/5598.1	5524.8/5249.2/5045.6	5.5981e+03	5249.20
## 757	3390.8/3329.1/3028	3594.2/4629/3251.6	3.3291e+03	3594.20
## 758	3289.2/3493.4/3111.8	3979.7/2543.3/3552.4	3.2892e+03	3552.40
## 759	4816.9/4598.3/5099.3	5433.4/5138.6/4655.5	4.8169e+03	5138.60
## 760	3943.5/3485.4/4165.3	3032.1/3654.8/4655.5	3.9435e+03	3654.80
## 761	2139.1/2104.6/1642.5	1897.4/1401.9/1962.1	2.1046e+03	1897.40
## 762	5687.4/5205/6506.4	3643/6176.2/5337.7	5.6874e+03	5337.70
## 763	3690/3644.8/2696.9	3369.8/2315.1/3444.8	3.6448e+03	3369.80
## 764	2748.6/2261.7/1426.4	1504.6/2475.3/2482	2.2617e+03	2475.30
## 765	6243.8/5359.6/6304.3	6608.6/6404.5/6944.3	6.2438e+03	6608.60
## 766	3358.2/3817/4254.5	4006.7/3251.2/3537	3.8170e+03	3537.00
## 767	5530.8/4916.4/4453.3	5235.9/3801.2/5628.9	4.9164e+03	5235.90
## 768	5037.7/5732.7/3991.1	3882/5988.3/5360.8	5.0377e+03	5360.80
## 769	181.75/567.61/250.45	131.96/193.69/588.06	2.5045e+02	193.69
## 770	6040.6/5287.9/5468	4117.9/5135.1/7341.1	5.4680e+03	5135.10
## 771	6190.7/4627.8/4709.2	5266.1/3924.5/5016.8	4.7092e+03	5016.80

## 772	3888.5/3439.2/5564.8	3635.8/4165.5/4511.3	3.8885e+03	4165.50
## 773	3865.2/4297.8/4026.6	3744.9/3359.6/4048.2	4.0266e+03	3744.90
## 774	3967.8/4066.6/3984.7	5045.8/4264.6/3531.2	3.9847e+03	4264.60
## 775	2119.5/3013.4/3069.9	2463.7/3359.6/2772.1	3.0134e+03	2772.10
## 776	5801.1/6676.6/5648.6	5460.4/6707.7/5190.7	5.8011e+03	5460.40
## 777	2801.8/1992.2/2289.5	1888/2482.2/2082.2	2.2895e+03	2082.20
## 778	5780.6/2950.5/4365.2	4656.1/4418/4944.7	4.3652e+03	4656.10
## 779	7303.6/6417.5/6533.3	6175.3/6330.7/5630.8	6.5333e+03	6175.30
## 780	3499.9/2609.3/3681.5	2580/4963.3/3757.1	3.4999e+03	3757.10
## 781	7345.5/6871.9/6569.8	7819.1/6960.2/7236.4	6.8719e+03	7236.40
## 782	6540.2/5627.5/5176.7	6163.9/5954.8/3931	5.6275e+03	5954.80
## 783	4061/3741.3/4831.7	3225.3/3947.6/3787.8	4.0610e+03	3787.80
## 784	3265/3618.5/3518.2	3770.8/5208.9/3210.3	3.5182e+03	3770.80
## 785	3992/2875.5/4368.4	3722/2301.2/4568	3.9920e+03	3722.00
## 786	3196.9/5267.2/3177.4	3434.2/5263.1/2956.6	3.1969e+03	3434.20
## 787	2825.1/2944.9/4186.8	3061.1/2718.6/2248.5	2.9449e+03	2718.60
## 788	4993.9/5085.4/7510.4	4787.1/2979.1/5262.8	5.0854e+03	4787.10
## 789	10829/8466.4/10866	10387/10489/9386.9	1.0829e+04	10387.00
## 790	2125.1/1899.7/3645	1461/2488/1938.1	2.1251e+03	1938.10
## 791	3102.8/2307.9/3620.3	4120/1547.2/3329.5	3.1028e+03	3329.50
## 792	2993.8/2796.6/4545.8	2921.9/3215.5/4034.7	2.9938e+03	3215.50
## 793	2096.2/2335.8/2593.7	2141.6/2141/2488.7	2.3358e+03	2141.60
## 794	2481.1/2704.1/1903.7	2673.6/1943.8/2282.1	2.4811e+03	2282.10
## 795	3331.2/5263.2/3736.4	3490.3/3975.3/3422.7	3.7364e+03	3490.30
## 796	5542/4171.8/4362	4783.9/4627.8/4363.4	4.3620e+03	4627.80
## 797	5276.4/4752.2/2996.8	4663.4/6203.9/5030.2	4.7522e+03	5030.20
## 798	4291.2/3764.4/4228.7	3968.3/3326.2/4107.8	4.2287e+03	3968.30
## 799	4146.7/4412.6/4195.4	4453.5/5927.2/3460.1	4.1954e+03	4453.50
## 800	3190.4/3903.9/2092.8	2831.5/3413.8/3515.9	3.1904e+03	3413.80
## 801	2090.6/1909.3/2291.7	2980.1/2267.8/1678.7	2.0906e+03	2267.80
## 802	3655.5/4328.8/2872.1	3407.2/5034.8/3892.5	3.6555e+03	3892.50
## 803	4506.5/4381.5/4142.7	4121/3518.7/4899.5	4.3815e+03	4121.00
## 804	2150.2/2213.8/1748.9	2807.6/2328.9/2163.9	2.1502e+03	2328.90
## 805	3310.7/3828.2/2974.3	3682.5/3534.8/2702	3.3107e+03	3534.80
## 806	3955.6/3944.6/3491.3	3870.6/5022.1/4189.5	3.9446e+03	4189.50
## 807	3996.6/2117.4/2819.5	3017.5/1896.6/2614.6	2.8195e+03	2614.60
## 808	3896/5279.1/6082.9	4994.9/4299.2/5342.5	5.2791e+03	4994.90
## 809	3333/3821.8/4153.4	3442.5/3582.1/3728.2	3.8218e+03	3582.10
## 810	1048.6/1887.8/1596.2	1449.5/1505.7/918.6	1.5962e+03	1449.50
## 811	2138.1/2761.5/3015.1	4167.8/2957.2/2938.4	2.7615e+03	2957.20
## 812	1782.1/2622/2015.4	1824.6/2283.9/2181.2	2.0154e+03	2181.20
## 813	9141.6/9330.5/8625	6025.7/8774.9/9265.8	9.1416e+03	8774.90
## 814	1483.8/1207/2459.4	1624.1/2297.8/1344.3	1.4838e+03	1624.10
## 815	4730.2/3585/2986.1	3363.5/3486.4/2692.4	3.5850e+03	3363.50
## 816	2736.5/3786.7/2595.9	2928.1/2810.8/3178.6	2.7365e+03	2928.10
## 817	8861/8946.3/7086.8	9216.7/11234/9020.8	8.8610e+03	9216.70
## 818	28.894/2362.9/2332.5	2508.4/2134.1/3304.5	2.3325e+03	2508.40
## 819	3035.7/2588.5/3660	3223.2/3236.2/4749.6	3.0357e+03	3236.20
## 820	3300.4/2262.5/3725.6	3509/3061/4159.7	3.3004e+03	3509.00
## 821	2245.3/1931.6/1660.7	2301.6/1350.1/2088	1.9316e+03	2088.00
## 822	2967.7/2308.7/3208.6	2772.3/2096/3400.6	2.9677e+03	2772.30
## 823	5687.4/5578.9/5865.8	4864/7007.4/5961.3	5.6874e+03	5961.30
## 824	2532.4/2308.7/3563.3	2711/2579.1/3039.3	2.5324e+03	2711.00
## 825	5044.3/6605.7/4676.9	4907.6/4068.7/4789	5.0443e+03	4789.00

## 826	4691/5114.1/5112.2	4762.1/5181.2/4855.3	5.1122e+03	4855.30
## 827	3800.9/3426.4/4142.7	3581.7/3425.3/4432.6	3.8009e+03	3581.70
## 828	4562.4/5117.3/4504.9	4253/5310.3/4802.5	4.5624e+03	4802.50
## 829	2071/2616.4/2499.2	1927.5/2702.4/2324.4	2.4992e+03	2324.40
## 830	2650.8/2222.6/2922.7	2830.5/2086.8/2846.1	2.6508e+03	2830.50
## 831	5480.5/5541.4/4998.3	5740.9/6265/2448.3	5.4805e+03	5740.90
## 832	2913.6/4040.3/2908.7	2728.6/1760.5/4314.4	2.9136e+03	2728.60
## 833	5268.9/3956.5/4482.4	4714.3/4261.2/5253.1	4.4824e+03	4714.30
## 834	3742.2/3329.9/3665.4	3457/3147.5/3467.8	3.6654e+03	3457.00
## 835	2527.7/2291.2/1340.4	2667.3/2453.4/1463.4	2.2912e+03	2453.40
## 836	3002.1/2908.2/2590.5	2724.5/3711.2/2629.9	2.9082e+03	2724.50
## 837	4239.9/4338.4/5138	2652.8/4564.4/5349.2	4.3384e+03	4564.40
## 838	4102/3668.8/3043.1	3464.3/3508.3/3124.8	3.6688e+03	3464.30
## 839	675.74/552.47/356.87	627.61/671/565	5.5247e+02	627.61
## 840	2788.7/1594.4/2039.1	1890.1/3654.8/1548.9	2.0391e+03	1890.10
## 841	2985.4/3306.8/3655.7	3168.2/3575.2/3498.6	3.3068e+03	3498.60
## 842	3919.3/2843.6/2892.6	3069.5/5504/2342.6	2.8926e+03	3069.50
## 843	4139.2/3036.6/2462.6	3319.9/2996.4/3218	3.0366e+03	3218.00
## 844	3071.1/4458/3120.4	3059.1/5236.6/3302.6	3.1204e+03	3302.60
## 845	5091.8/3868.1/5640	4081.5/4883.8/4861.1	5.0918e+03	4861.10
## 846	4152.3/4631/4212.5	5007.4/4004.1/3474.6	4.2125e+03	4004.10
## 847	5149.6/4379.9/3935.2	4664.5/4592.1/3939.6	4.3799e+03	4592.10
## 848	3375/4232.4/4412.5	4848.4/4438.7/4098.2	4.2324e+03	4438.70
## 849	1109.1/1959.5/589.05	648.39/1370.8/1008.9	1.1091e+03	1008.90
## 850	3742.2/3032.6/4241.6	4706/3741.2/3931	3.7422e+03	3931.00
## 851	3876.4/4312.1/3751.4	4884.7/4068.7/3156.5	3.8764e+03	4068.70
## 852	2548.2/3213.5/2776.5	2937.5/3778.1/2261.9	2.7765e+03	2937.50
## 853	4897/4262.7/4284.6	3693.9/4083.6/5143.6	4.2846e+03	4083.60
## 854	4629.5/3601.8/3037.7	4110.6/2810.8/3784	3.6018e+03	3784.00
## 855	1499.7/1785/1342.6	2342.1/1385.8/1291.4	1.4997e+03	1385.80
## 856	3027.3/1722/4502.8	4185.4/1878.1/3192.1	3.0273e+03	3192.10
## 857	4735.8/4185.3/3978.2	4750.7/3426.5/4380.7	4.1853e+03	4380.70
## 858	6064.9/4450.8/5483.1	6916.2/4904.5/5258.9	5.4831e+03	5258.90
## 859	2401/3797.9/1737	3503.8/1550.7/2256.2	2.4010e+03	2256.20
## 860	2798/2626.8/1960.6	2475.1/730.95/2603	2.6268e+03	2475.10
## 861	5688.3/5236.9/4942.4	6734.3/4921.8/5454	5.2369e+03	5454.00
## 862	4780.5/4872.5/3732.1	3818.6/4573.6/4884.2	4.7805e+03	4573.60
## 863	3224.9/3424/2517.4	2864.8/4094/3392.9	3.2249e+03	3392.90
## 864	2815.7/2181.2/3878.3	2219.5/3129/2972	2.8157e+03	2972.00
## 865	3196/3796.3/3080.7	3032.1/3092.1/2588.6	3.1960e+03	3032.10
## 866	3023.6/2373.3/2700.2	4065.9/2160.6/2550.2	2.7002e+03	2550.20
## 867	2519.3/1435.8/1977.8	2294.3/1490.7/1850.7	1.9778e+03	1850.70
## 868	6307.2/6904.6/7466.3	7433.6/7149.2/5993	6.9046e+03	7149.20
## 869	5311.8/4450.8/8054.3	6395.6/4782.3/5524.1	5.3118e+03	5524.10
## 870	2834.4/4503.4/3606.3	3769.8/2580.2/3433.2	3.6063e+03	3433.20
## 871	5803/5252/5592.7	7718.3/5745/5810.5	5.5927e+03	5810.50
## 872	3822.4/3235.1/2934.5	4294.5/3032.2/3071.9	3.2351e+03	3071.90
## 873	4676.1/2521.6/3621.4	5152.8/3127.9/3448.6	3.6214e+03	3448.60
## 874	3453.3/3707/4106.1	4185.4/2844.3/3880	3.7070e+03	3880.00
## 875	7091.1/9278.7/6505.3	7453.4/6600.5/6848.2	7.0911e+03	6848.20
## 876	2544.5/3160.9/3028	3203.5/2981.4/3182.4	3.0280e+03	3182.40
## 877	3682.5/4962.6/4287.8	4325.7/5071.7/4471	4.2878e+03	4471.00
## 878	5227.9/4983.4/4638.2	4787.1/5859.1/4693	4.9834e+03	4787.10
## 879	3551.1/2809.4/2909.8	3970.3/3057.5/2318.6	2.9098e+03	3057.50

## 880	5040.5/4881.3/5960.3	8176.6/4843.4/4681.4	5.0405e+03	4843.40
## 881	6567.2/5165.9/6087.2	6644.9/5871.8/5440.5	6.0872e+03	5871.80
## 882	1539.8/1399.1/1487.7	1027.7/1385.8/1970.8	1.4877e+03	1385.80
## 883	4987.4/4562.4/2994.7	5690/4112.5/4378.7	4.5624e+03	4378.70
## 884	4138.3/4507.4/4558.7	4325.7/5692/3429.4	4.5074e+03	4325.70
## 885	3314.4/2625.2/3337.6	3450.8/2645.9/3162.3	3.3144e+03	3162.30
## 886	2980.7/3082/3047.4	2348.3/4873.4/2901.9	3.0474e+03	2901.90
## 887	2557.6/3833.8/2809.8	2309.9/2949.2/3016.2	2.8098e+03	2949.20
## 888	7319.4/8035.1/8619.7	7794.2/9939.3/6140	8.0351e+03	7794.20
## 889	4355.5/5305.4/4034.1	5540.4/4529.8/4342.2	4.3555e+03	4529.80
## 890	3723.6/2563/2217.5	2277.7/2694.4/2888.4	2.5630e+03	2694.40
## 891	3992.9/4316.9/5324	4144.9/4573.6/4104.9	4.3169e+03	4144.90
## 892	5213.9/6092.3/4041.6	5827.2/2886.9/5025.4	5.2139e+03	5025.40
## 893	4727.4/4130.3/5605.6	4542.9/4552.9/4923.6	4.7274e+03	4552.90
## 894	3642.5/5845.9/6028.1	2660.1/8054.3/6041.1	5.8459e+03	6041.10
## 895	4879.3/4532.9/5340.1	3940.2/4702.8/5602	4.8793e+03	4702.80
## 896	4251.1/4929.9/2584.1	4679/4413.4/4411.4	4.2511e+03	4413.40
## 897	3334.9/2292.8/1568.3	2006.5/2249.3/2177.4	2.2928e+03	2177.40
## 898	5881.3/4657.3/4530.7	4824.5/3265.1/5238.7	4.6573e+03	4824.50
## 899	4465.5/4654.9/7990.8	5325.3/4660.1/4820.8	4.6549e+03	4820.80
## 900	5029.4/3880/4278.1	4435.9/5225/4152	4.2781e+03	4435.90
## 901	3804.6/5008.9/4710.2	4262.3/4872.2/4987	4.7102e+03	4872.20
## 902	2374.9/1298.7/967.41	2271.4/1216.3/1217.4	1.2987e+03	1217.40
## 903	2099/2429.1/2531.4	2250.7/2317.4/2402.2	2.4291e+03	2317.40
## 904	3971.5/4230/3131.2	3827/3772.4/4863	3.9715e+03	3827.00
## 905	741.91/608.27/317.1	1374.7/465.78/662.05	6.0827e+02	662.05
## 906	1576.1/1220.5/1402.8	1485.9/1853.9/1422.1	1.4028e+03	1485.90
## 907	3799/3442.3/4493.1	3658.6/4164.3/3489.9	3.7990e+03	3658.60
## 908	6025.7/6348.2/6727.8	6904.7/6530.1/6447.5	6.3482e+03	6530.10
## 909	2759.8/3004.7/2310	4088.8/2875.4/2573.2	2.7598e+03	2875.40
## 910	2398.2/2626.8/1720.9	2505.2/2714/2007.3	2.3982e+03	2505.20
## 911	1404.6/1563.3/1225.4	1484.9/1909.2/965.69	1.4046e+03	1484.90
## 912	3083.2/2296.8/3585.9	3848.8/3201.7/2877.8	3.0832e+03	3201.70
## 913	4951.1/4588.7/3589.1	4361/5177.8/4734.3	4.5887e+03	4734.30
## 914	4034.9/6276.4/5832.4	4725.8/5667.7/5740.3	5.8324e+03	5667.70
## 915	4305.2/3870.4/4904.8	3431.1/4444.5/5300.2	4.3052e+03	4444.50
## 916	3032.9/4288.2/3932	4516.9/3800/3358.3	3.9320e+03	3800.00
## 917	1756.9/2272.8/1013.6	1670.8/1383.5/3080.6	1.7569e+03	1670.80
## 918	2418.7/2209.9/2882.9	1517.1/3863.4/2318.6	2.4187e+03	2318.60
## 919	10.253/2185.1/3968.5	1725.9/2556/2090.9	2.1851e+03	2090.90
## 920	3937.9/4872.5/5962.5	4654.1/5016.3/5577	4.8725e+03	5016.30
## 921	1136.2/1929.2/1004	1202.2/858.92/1728.6	1.1362e+03	1202.20
## 922	5409.6/5227.3/4908	5907.2/4114.8/5082.1	5.2273e+03	5082.10
## 923	1365.5/2800.6/2406.7	2015.8/2310.4/2535.8	2.4067e+03	2310.40
## 924	3710.5/4360.7/3861.1	4313.2/3738.9/3664.8	3.8611e+03	3738.90
## 925	4673.3/4356.7/4522.1	4034.8/4654.3/5475.1	4.5221e+03	4654.30
## 926	3218.4/3700.6/4246.9	3581.7/3065.6/4083.8	3.7006e+03	3581.70
## 927	2530.5/3073.2/2710.9	2810.7/3204/2145.7	2.7109e+03	2810.70
## 928	931.12/757.35/640.64	965.31/808.2/435.28	7.5735e+02	808.20
## 929	4008.8/3683.9/4795.1	3888.3/4154/3572.6	4.0088e+03	3888.30
## 930	3805.6/2507.2/2788.3	1889.1/2689.8/3407.3	2.7883e+03	2689.80
## 931	3459.8/2963.2/3233.3	2822.2/3129/3226.6	3.2333e+03	3129.00
## 932	4330.3/2635.6/3966.4	3850.8/4208.2/3740.7	3.9664e+03	3850.80
## 933	5570/5296.7/3205.4	4291.4/5163.9/5594.3	5.2967e+03	5163.90

## 934	4667.7/2645.9/5714.2	4546/5445.2/4449.9	4.6677e+03	4546.00
## 935	4827.1/3390.5/3872.9	3458.1/3824.2/3763.8	3.8729e+03	3763.80
## 936	3805.6/4457.2/7530.8	4574.1/4453.7/5138.8	4.4572e+03	4574.10
## 937	2347.8/2975.2/3270.9	2511.5/2918/2881.7	2.9752e+03	2881.70
## 938	3403.9/3609.8/2972.1	3304.3/2716.3/3321.8	3.4039e+03	3304.30
## 939	4387.2/4595.9/4646.8	3711.6/5919.1/4480.6	4.5959e+03	4480.60
## 940	1558.4/1995.4/2023	1921.3/2309.3/1909.3	1.9954e+03	1921.30
## 941	4246.4/4389.4/3477.3	2796.2/5148.9/4356.6	4.2464e+03	4356.60
## 942	2144.7/3696.7/4192.1	5093.6/3594.8/2555	3.6967e+03	3594.80
## 943	3652.7/3009.5/3552.6	3453.9/3851.9/2743.3	3.5526e+03	3453.90
## 944	3839.1/3668/3539.7	3482/3569.4/4647.8	3.6680e+03	3569.40
## 945	3915.6/1845.5/3033.4	2332.7/3197/3120	3.0334e+03	3120.00
## 946	810.89/1189.4/997.51	1503.6/951.16/645.71	9.9751e+02	951.16
## 947	3219.3/4316.1/3184.9	3543.3/1229/3304.5	3.2193e+03	3304.50
## 948	5899/5169.1/5732.5	6991/5619.3/4914	5.7325e+03	5619.30
## 949	4187.7/4694.8/4461.9	4363.1/4921.8/3946.3	4.4619e+03	4363.10
## 950	3197.9/3891.2/3009.7	2708.9/3115.2/4382.6	3.1979e+03	3115.20
## 951	3330.2/3223.9/3860	3246.1/3131.3/3598.5	3.3302e+03	3246.10
## 952	4041.4/5744.7/3446.1	4133.5/5016.3/3297.8	4.0414e+03	4133.50
## 953	1272.3/2288/815.85	1719.7/1152.9/1322.2	1.2723e+03	1322.20
## 954	3250.1/2226.6/2330.4	1612.7/2263.2/2701	2.3304e+03	2263.20
## 955	4155.1/4112/5035.9	4015/4246.2/5803.7	4.1551e+03	4246.20
## 956	2882.8/3210.4/3155.9	3077.8/2703.6/3610	3.1559e+03	3077.80
## 957	3279/2680.2/3214	2370.2/3135.9/3732.1	3.2140e+03	3135.90
## 958	2841.8/3116.3/3874	2563.4/3187.8/3347.7	3.1163e+03	3187.80
## 959	2683.4/2542.3/3009.7	2618.5/3627.1/1999.6	2.6834e+03	2618.50
## 960	2386.1/1525.9/2025.1	2171.7/1348.9/1969.8	2.0251e+03	1969.80
## 961	1853.9/1537/1998.2	1182.5/1802/2555	1.8539e+03	1802.00
## 962	2178.2/2467.4/1910.1	2139.5/2604.4/2234.1	2.1782e+03	2234.10
## 963	3815.8/4245.1/4037.3	3314.7/3961.4/4153.9	4.0373e+03	3961.40
## 964	1831.5/590.73/1841.3	1702/2115.6/1783.4	1.8315e+03	1783.40
## 965	2586.4/4536.9/3538.6	3471.6/4260/3366.9	3.5386e+03	3471.60
## 966	3387.1/4339.2/5705.6	5027.1/4267/4098.2	4.3392e+03	4267.00
## 967	810.89/1364/1572.6	1935.8/1327/636.1	1.3640e+03	1327.00
## 968	2588.3/3336.3/2701.2	2053.2/3431.1/2753.9	2.7012e+03	2753.90
## 969	2038.4/1959.5/3073.2	1829.8/1993.4/2514.6	2.0384e+03	1993.40
## 970	1047.6/1366.4/725.56	1017.3/1186.4/598.63	1.0476e+03	1017.30
## 971	2034.7/2155.7/4062.1	1307.2/2112.1/3202.6	2.1557e+03	2112.10
## 972	2843.7/2061.6/2647.5	2319.2/2695.5/3047.9	2.6475e+03	2695.50
## 973	4282.8/4136.7/4151.3	4600/4092.9/3534.1	4.1513e+03	4092.90
## 974	7601.8/7550.4/6507.5	6931.7/7470.9/8081	7.5504e+03	7470.90
## 975	3994.8/3749.3/5390.6	3897.6/4051.4/4163.5	3.9948e+03	4051.40
## 976	5593.3/5858.7/5001.5	5527.9/5276.9/6375.5	5.5933e+03	5527.90
## 977	2670.3/1904.5/2620.6	2578/2603.3/2075.5	2.6206e+03	2578.00
## 978	1916.3/2025.7/1239.4	1952.4/3405.7/1494.2	1.9163e+03	1952.40
## 979	4402.1/5841.9/4957.5	5016.7/4654.3/5687.5	4.9575e+03	5016.70
## 980	4252/3254.2/3689.1	3739.7/4129.8/3167.1	3.6891e+03	3739.70
## 981	3923.9/5690.5/5353	6959.8/3478.4/5296.4	5.3530e+03	5296.40
## 982	4086.1/4403.8/5923.8	4363.1/4353.4/3288.1	4.4038e+03	4353.40
## 983	5542/4767.3/4762.9	5860.4/3884.2/4819.8	4.7673e+03	4819.80
## 984	6228/6071.5/6376.3	7466.9/6284.6/6015.1	6.2280e+03	6284.60
## 985	4013.4/2989.5/3758.9	4374.5/2339.3/3802.2	3.7589e+03	3802.20
## 986	2093.4/1759.4/2303.5	2062.6/1757/2634.7	2.0934e+03	2062.60
## 987	3388/3156.1/3949.2	2913.6/3457.6/3427.5	3.3880e+03	3427.50

## 988	3319/4324.1/2149.8	3280.4/3979.9/3211.3	3.3190e+03	3280.40		
## 989	4317.3/1767.4/2306.7	2587.3/1849.3/2337.8	2.3067e+03	2337.80		
## 990	5930.7/5695.3/5543.3	5646.4/6221.2/5349.2	5.6953e+03	5646.40		
## 991	2814.8/2561.4/2287.4	3046.6/2530.7/1945.8	2.5614e+03	2530.70		
## 992	5147.7/3802.7/3690.1	3840.5/3443.8/5136.9	3.8027e+03	3840.50		
## 993	5574.6/4824.7/5483.1	4315.3/5440.6/6219.8	5.4831e+03	5440.60		
## 994	2579/2064/2033.7	2516.7/877.37/2089	2.0640e+03	2089.00		
## 995	2867/3299.6/3000.1	4103.3/2969.9/2324.4	3.0001e+03	2969.90		
## 996	484.67/533.33/261.2	9.3518/475/1063.7	4.8467e+02	475.00		
## 997	3849.4/2899.4/3614.9	3943.3/3646.7/3211.3	3.6149e+03	3646.70		
## 998	4184/5320.6/4503.8	3984.9/5061.3/4539.2	4.5038e+03	4539.20		
## 999	3481.2/4554.5/3680.5	3438.3/3649/4129.9	3.6805e+03	3649.00		
## 1000	1560.3/1672.5/1912.3	2527.1/1692.5/1481.7	1.6725e+03	1692.50		
## 1001	1893.9/4324.9/3919.1	3949.6/5289.6/3547.6	3.9191e+03	3949.60		
## 1002	2476.5/3817.8/2203.6	2286/2478.8/2453.1	2.4765e+03	2453.10		
## 1003	2589.2/2896.3/2315.3	3421.7/2611.4/2241.7	2.5892e+03	2611.40		
## 1004	3553/3693.5/2935.6	3577.6/3393/4361.4	3.5530e+03	3577.60		
## 1005	2483.9/2074.3/2842	3307.4/2135.2/2463.7	2.4839e+03	2463.70		
## 1006	6329.6/8480.7/5921.6	6360.2/6495.5/6199.6	6.3296e+03	6360.20		
## 1007	4456.1/3264.6/4510.3	4869.2/4430.7/4089.5	4.4561e+03	4430.70		
## 1008	3100/3949.4/4130.9	3929.8/4778.8/2768.3	3.9494e+03	3929.80		
## 1009	2103.6/1803.3/2114.3	2407.6/1877/2116.8	2.1036e+03	2116.80		
## 1010	5196.2/4532.1/4866.1	5100.9/4846.9/4261.5	4.8661e+03	4846.90		
## 1011	2168/2158.8/2263.7	3360.4/1072.2/2180.2	2.1680e+03	2180.20		
## 1012	4952.9/5210.6/5012.3	5031.3/5741.5/3432.3	5.0123e+03	5031.30		
## 1013	3038.5/3537.2/4173.9	3521.5/2308.1/3916.6	3.5372e+03	3521.50		
## 1014	793.18/687.99/435.34	735.67/607.59/693.76	6.8799e+02	693.76		
## 1015	4125.3/3966.1/4041.6	6279.2/3559.1/4027.1	4.0416e+03	4027.10		
## 1016	3021.7/2751.2/2119.7	2456.4/2946.9/2739.5	2.7512e+03	2739.50		
## 1017	2530.5/3446.3/3101.1	3089.2/2925/3664.8	3.1011e+03	3089.20		
## 1018	5310.8/8542.9/6316.1	5988.2/6303/7158.6	6.3161e+03	6303.00		
## 1019	2531.5/2098.3/1564	1792.4/2598.7/2093.8	2.0983e+03	2093.80		
## 1020	5292.2/4572/4717.8	4711.2/6037.8/3596.6	4.7178e+03	4711.20		
## 1021	753.1/1336.1/1177	942.45/1174.8/1637.3	1.1770e+03	1174.80		
## 1022	3705.8/3941.4/2565.8	3710.6/3702/3047.9	3.7058e+03	3702.00		
## 1023	4105.7/4048.2/3575.1	2754.6/5135.1/4044.4	4.0482e+03	4044.40		
## 1024	3936.1/3416.8/3648.2	3650.3/4258.9/2373.4	3.6482e+03	3650.30		
## 1025	2675.9/2567/3567.6	2676.7/5278.1/1934.3	2.6759e+03	2676.70		
## 1026	4503.7/2483.3/3966.4	4244.7/3967.2/3965.6	3.9664e+03	3967.20		
##	LFC	control_var	adj_var	score	p.low	p.high
## 1	2.10430000	1.4860e+04	9.0053e+04	11.9210000	1.0000e+00	4.6200e-33
## 2	-3.07140000	1.9273e+06	1.0774e+06	9.6946000	1.5901e-22	1.0000e+00
## 3	1.63120000	1.9924e+05	1.4273e+05	9.3161000	1.0000e+00	6.0320e-21
## 4	1.23240000	2.8664e+05	3.1129e+05	8.5043000	1.0000e+00	9.1383e-18
## 5	1.16250000	1.1470e+06	3.0578e+05	7.7422000	1.0000e+00	4.8853e-15
## 6	1.61440000	2.1760e+05	9.6791e+04	7.6934000	1.0000e+00	7.1631e-15
## 7	1.18750000	6.4808e+05	2.5933e+05	7.4176000	1.0000e+00	5.9626e-14
## 8	-1.72550000	9.4052e+04	9.8440e+05	7.3713000	8.4486e-14	1.0000e+00
## 9	1.27290000	1.3405e+05	1.5386e+05	6.5062000	1.0000e+00	3.8533e-11
## 10	1.08270000	4.6065e+05	2.4848e+05	6.3674000	1.0000e+00	9.6113e-11
## 11	1.76860000	6.2612e+04	4.0778e+04	6.0985000	1.0000e+00	5.3847e-10
## 12	1.00660000	2.1879e+05	2.5321e+05	5.7963000	1.0000e+00	3.3893e-09
## 13	1.26360000	6.0664e+05	1.1855e+05	5.7246000	1.0000e+00	5.1830e-09
## 14	-1.72130000	1.2889e+06	5.5566e+05	5.6949000	6.1738e-09	1.0000e+00

## 15	1.11380000	6.6458e+05	1.6668e+05	5.5430000	1.0000e+00	1.4867e-08
## 16	-1.27680000	8.0113e+05	6.9977e+05	5.3241000	5.0726e-08	1.0000e+00
## 17	1.11230000	1.3074e+06	1.3782e+05	5.0801000	1.0000e+00	1.8865e-07
## 18	0.99161000	5.6108e+05	1.9591e+05	5.0598000	1.0000e+00	2.0981e-07
## 19	1.00710000	7.5433e+05	1.8379e+05	5.0235000	1.0000e+00	2.5372e-07
## 20	0.78483000	1.9942e+06	3.7843e+05	4.9728000	1.0000e+00	3.2992e-07
## 21	1.50340000	1.1076e+05	4.4646e+04	4.8415000	1.0000e+00	6.4721e-07
## 22	1.14060000	1.6336e+06	1.1054e+05	4.7709000	1.0000e+00	9.1724e-07
## 23	0.81389000	6.7292e+05	2.7613e+05	4.5262000	1.0000e+00	3.0026e-06
## 24	0.79512000	6.4005e+05	2.9296e+05	4.5087000	1.0000e+00	3.2615e-06
## 25	0.91363000	1.7863e+06	1.7052e+05	4.2511000	9.9999e-01	1.0638e-05
## 26	0.73265000	7.9403e+05	3.1641e+05	4.2004000	9.9999e-01	1.3323e-05
## 27	0.69794000	6.9930e+04	3.4659e+05	4.1145000	9.9998e-01	1.9400e-05
## 28	0.99916000	5.2448e+05	1.2000e+05	4.1040000	9.9998e-01	2.0308e-05
## 29	1.03060000	2.0388e+04	1.0256e+05	3.9934000	9.9997e-01	3.2563e-05
## 30	-0.96646000	1.4274e+06	5.4457e+05	3.9548000	3.8300e-05	9.9996e-01
## 31	1.92160000	1.0894e+05	1.1078e+04	3.9527000	9.9996e-01	4.1974e-05
## 32	-0.96106000	2.1051e+06	5.3480e+05	3.9074000	4.6655e-05	9.9995e-01
## 33	-0.85479000	1.5390e+06	6.0836e+05	3.8058000	7.0667e-05	9.9993e-01
## 34	0.88927000	3.1352e+04	1.4379e+05	3.7975000	9.9993e-01	7.3077e-05
## 35	0.88553000	1.5522e+06	1.4292e+05	3.7659000	9.9992e-01	8.2975e-05
## 36	0.80517000	6.0011e+05	1.8853e+05	3.7605000	9.9992e-01	8.4778e-05
## 37	-0.94956000	1.1160e+06	4.9710e+05	3.7493000	8.8674e-05	9.9991e-01
## 38	0.88998000	5.0058e+03	1.2927e+05	3.6243000	9.9986e-01	1.4490e-04
## 39	0.94262000	1.2450e+05	1.0555e+05	3.5764000	9.9983e-01	1.7416e-04
## 40	0.74495000	2.2089e+06	2.0817e+05	3.5557000	9.9981e-01	1.8851e-04
## 41	0.66637000	1.2020e+06	2.8342e+05	3.5471000	9.9981e-01	1.9475e-04
## 42	0.69629000	3.3404e+05	2.4900e+05	3.5364000	9.9980e-01	2.0283e-04
## 43	1.11030000	1.2761e+05	6.1172e+04	3.5204000	9.9978e-01	2.1568e-04
## 44	-0.98001000	4.7379e+05	4.0886e+05	3.5114000	2.2288e-04	9.9978e-01
## 45	-0.78701000	2.4977e+06	5.7906e+05	3.5009000	2.3181e-04	9.9977e-01
## 46	-0.66819000	6.9002e+05	7.3851e+05	3.4428000	2.8782e-04	9.9971e-01
## 47	0.56871000	3.8175e+05	4.0816e+05	3.4387000	9.9971e-01	2.9226e-04
## 48	-0.72126000	2.7744e+06	6.4074e+05	3.4282000	3.0377e-04	9.9970e-01
## 49	-0.85741000	2.2284e+06	4.5099e+05	3.3348000	4.2686e-04	9.9957e-01
## 50	0.69538000	3.4055e+06	2.1545e+05	3.3086000	9.9953e-01	4.6884e-04
## 51	0.62168000	1.4931e+06	2.8949e+05	3.2856000	9.9949e-01	5.0875e-04
## 52	0.53178000	4.7631e+05	4.4041e+05	3.2821000	9.9948e-01	5.1517e-04
## 53	0.60671000	6.0519e+05	3.0794e+05	3.2785000	9.9948e-01	5.2189e-04
## 54	-0.63971000	1.9486e+06	6.9822e+05	3.2436000	5.9020e-04	9.9941e-01
## 55	0.56118000	6.4938e+05	3.6837e+05	3.2315000	9.9938e-01	6.1570e-04
## 56	0.56717000	2.6129e+05	3.5645e+05	3.2252000	9.9937e-01	6.2933e-04
## 57	0.69823000	2.4144e+05	1.9708e+05	3.1953000	9.9930e-01	6.9837e-04
## 58	0.65393000	6.9746e+04	2.3459e+05	3.1828000	9.9927e-01	7.2921e-04
## 59	-0.70110000	1.0532e+06	5.5682e+05	3.1490000	8.1913e-04	9.9918e-01
## 60	-0.71436000	8.5310e+05	5.2149e+05	3.1024000	9.5984e-04	9.9904e-01
## 61	-0.84454000	2.3030e+05	3.8775e+05	3.0817000	1.0291e-03	9.9897e-01
## 62	-0.75120000	2.7823e+05	4.7062e+05	3.0792000	1.0377e-03	9.9896e-01
## 63	0.55375000	6.7281e+05	3.2939e+05	3.0243000	9.9875e-01	1.2461e-03
## 64	0.71940000	1.7475e+05	1.5984e+05	3.0208000	9.9874e-01	1.2605e-03
## 65	-0.62230000	1.9070e+06	6.2421e+05	3.0174000	1.2749e-03	9.9873e-01
## 66	0.64591000	1.3344e+06	2.1545e+05	3.0169000	9.9872e-01	1.2768e-03
## 67	1.74750000	1.0961e+05	8.7747e+03	3.0151000	9.9857e-01	1.4311e-03
## 68	0.57520000	1.4406e+06	2.9509e+05	3.0139000	9.9871e-01	1.2895e-03

## 69	-0.81544000	5.2300e+04	3.8184e+05	2.9821000	1.4312e-03	9.9857e-01
## 70	-0.70362000	3.6683e+05	4.7054e+05	2.9279000	1.7062e-03	9.9829e-01
## 71	-0.69763000	1.7679e+05	4.6736e+05	2.8997000	1.8677e-03	9.9813e-01
## 72	-0.81463000	5.8290e+05	3.5649e+05	2.8894000	1.9297e-03	9.9807e-01
## 73	-0.71381000	3.0582e+05	4.3894e+05	2.8697000	2.0542e-03	9.9795e-01
## 74	0.44210000	5.5170e+05	5.2148e+05	2.8486000	9.9780e-01	2.1956e-03
## 75	-0.73971000	7.8601e+03	3.9582e+05	2.8157000	2.4334e-03	9.9757e-01
## 76	0.49780000	9.6959e+05	3.6902e+05	2.8027000	9.9747e-01	2.5337e-03
## 77	-1.13190000	3.9872e+05	1.9523e+05	2.7789000	2.7268e-03	9.9727e-01
## 78	-0.62927000	8.1905e+05	4.9947e+05	2.7544000	2.9404e-03	9.9706e-01
## 79	0.57920000	2.6220e+05	2.3482e+05	2.7432000	9.9696e-01	3.0425e-03
## 80	0.49775000	4.0816e+05	3.4801e+05	2.7296000	9.9683e-01	3.1703e-03
## 81	0.47501000	7.8652e+04	3.9101e+05	2.7220000	9.9676e-01	3.2446e-03
## 82	-0.85722000	5.0522e+05	2.8083e+05	2.6955000	3.5138e-03	9.9649e-01
## 83	0.56384000	1.9428e+05	2.4221e+05	2.6925000	9.9645e-01	3.5461e-03
## 84	-0.46113000	3.0951e+05	8.3634e+05	2.6868000	3.6071e-03	9.9639e-01
## 85	0.62248000	2.1215e+04	1.8380e+05	2.6839000	9.9636e-01	3.6383e-03
## 86	-0.55498000	1.9689e+06	5.8867e+05	2.6787000	3.6959e-03	9.9630e-01
## 87	0.48082000	4.0490e+05	3.6409e+05	2.6741000	9.9625e-01	3.7459e-03
## 88	0.46244000	4.8904e+05	3.9483e+05	2.6493000	9.9597e-01	4.0325e-03
## 89	0.59104000	3.1080e+05	1.9880e+05	2.6091000	9.9546e-01	4.5390e-03
## 90	-0.79175000	7.5503e+04	2.9646e+05	2.6039000	4.6083e-03	9.9539e-01
## 91	-0.58890000	1.1904e+06	4.9389e+05	2.5983000	4.6846e-03	9.9532e-01
## 92	0.53189000	2.6117e+05	2.6045e+05	2.5934000	9.9525e-01	4.7520e-03
## 93	0.49511000	1.1841e+06	3.1109e+05	2.5794000	9.9505e-01	4.9493e-03
## 94	-0.71847000	6.1611e+05	3.3603e+05	2.5582000	5.2606e-03	9.9474e-01
## 95	0.51621000	4.7305e+04	2.6278e+05	2.5124000	9.9400e-01	5.9952e-03
## 96	0.58289000	6.4879e+05	1.8768e+05	2.5000000	9.9379e-01	6.2101e-03
## 97	-0.91301000	1.2322e+05	2.1388e+05	2.4969000	6.2637e-03	9.9374e-01
## 98	-0.57773000	2.3378e+05	4.5915e+05	2.4758000	6.6467e-03	9.9335e-01
## 99	0.63441000	3.6309e+04	1.4292e+05	2.4543000	9.9294e-01	7.0581e-03
## 100	-0.66506000	2.6052e+05	3.4732e+05	2.4447000	7.2480e-03	9.9275e-01
## 101	-0.76201000	2.2821e+05	2.6832e+05	2.4190000	7.7822e-03	9.9222e-01
## 102	0.49268000	3.6150e+05	2.7227e+05	2.4155000	9.9214e-01	7.8575e-03
## 103	0.40922000	2.5310e+05	4.4017e+05	2.4145000	9.9212e-01	7.8791e-03
## 104	0.42906000	9.9981e+05	3.8198e+05	2.3926000	9.9164e-01	8.3647e-03
## 105	0.78723000	5.4997e+05	7.3131e+04	2.3882000	9.9153e-01	8.4695e-03
## 106	0.49429000	4.8361e+04	2.5898e+05	2.3710000	9.9113e-01	8.8704e-03
## 107	-1.42770000	3.2198e+04	9.7503e+04	2.3556000	9.2460e-03	9.9075e-01
## 108	-0.56340000	2.2075e+05	4.2772e+05	2.3496000	9.3963e-03	9.9060e-01
## 109	-0.54551000	2.1097e+04	4.5161e+05	2.3448000	9.5190e-03	9.9048e-01
## 110	0.55923000	2.7436e+05	1.8082e+05	2.3382000	9.9031e-01	9.6876e-03
## 111	-0.40478000	1.1352e+06	7.5934e+05	2.3007000	1.0705e-02	9.8930e-01
## 112	-0.81295000	2.2481e+05	2.1482e+05	2.2983000	1.0771e-02	9.8923e-01
## 113	-0.56934000	1.3578e+06	3.9899e+05	2.2970000	1.0809e-02	9.8919e-01
## 114	0.47572000	6.1704e+05	2.6587e+05	2.2933000	9.8908e-01	1.0916e-02
## 115	-0.71728000	8.0803e+04	2.6355e+05	2.2910000	1.0982e-02	9.8902e-01
## 116	0.50992000	5.1570e+05	2.1831e+05	2.2784000	9.8865e-01	1.1351e-02
## 117	-0.50083000	9.3101e+05	4.9580e+05	2.2777000	1.1371e-02	9.8863e-01
## 118	-0.55796000	1.4015e+05	3.9919e+05	2.2599000	1.1913e-02	9.8809e-01
## 119	-0.62551000	1.5580e+06	3.2442e+05	2.2585000	1.1957e-02	9.8804e-01
## 120	-0.70519000	3.4133e+05	2.5804e+05	2.2397000	1.2555e-02	9.8744e-01
## 121	-0.58948000	1.0562e+05	3.5316e+05	2.2369000	1.2647e-02	9.8735e-01
## 122	0.49302000	5.4509e+05	2.2866e+05	2.2353000	9.8730e-01	1.2699e-02

## 123	-0.76446000	3.1368e+05	2.2097e+05	2.2225000	1.3125e-02	9.8688e-01
## 124	-0.46661000	6.3785e+04	5.2983e+05	2.2109000	1.3520e-02	9.8648e-01
## 125	0.41477000	3.0542e+05	3.4822e+05	2.2073000	9.8635e-01	1.3646e-02
## 126	-0.58992000	9.1953e+05	3.3917e+05	2.1980000	1.3975e-02	9.8603e-01
## 127	0.56755000	2.6163e+05	1.5123e+05	2.1969000	9.8599e-01	1.4014e-02
## 128	-0.54579000	3.1428e+05	3.8573e+05	2.1855000	1.4427e-02	9.8557e-01
## 129	0.43826000	5.9248e+05	2.9465e+05	2.1824000	9.8546e-01	1.4540e-02
## 130	0.40880000	1.5318e+05	3.5113e+05	2.1790000	9.8533e-01	1.4666e-02
## 131	-0.87030000	2.3142e+05	1.6897e+05	2.1699000	1.5006e-02	9.8499e-01
## 132	0.38867000	1.1146e+06	3.9486e+05	2.1679000	9.8492e-01	1.5083e-02
## 133	0.45456000	2.0544e+05	2.6364e+05	2.1663000	9.8485e-01	1.5146e-02
## 134	-0.42978000	3.5450e+05	5.7678e+05	2.1413000	1.6123e-02	9.8388e-01
## 135	0.74919000	2.5996e+05	6.6101e+04	2.1412000	9.8386e-01	1.6141e-02
## 136	-0.67289000	3.1421e+05	2.5141e+05	2.1342000	1.6414e-02	9.8359e-01
## 137	0.50187000	4.3755e+04	1.9650e+05	2.1327000	9.8352e-01	1.6476e-02
## 138	-0.73180000	3.8210e+05	2.1687e+05	2.1317000	1.6517e-02	9.8348e-01
## 139	-0.60700000	3.5928e+05	3.0087e+05	2.1314000	1.6527e-02	9.8347e-01
## 140	0.44847000	2.0328e+05	2.6306e+05	2.1304000	9.8343e-01	1.6571e-02
## 141	-0.54940000	1.2678e+05	3.5903e+05	2.1277000	1.6681e-02	9.8332e-01
## 142	0.37983000	6.6054e+05	4.0024e+05	2.1247000	9.8319e-01	1.6807e-02
## 143	0.63750000	2.0607e+05	1.0162e+05	2.1189000	9.8295e-01	1.7050e-02
## 144	0.37960000	1.4986e+06	3.9528e+05	2.1113000	9.8263e-01	1.7371e-02
## 145	0.58453000	1.3927e+05	1.2735e+05	2.1080000	9.8248e-01	1.7518e-02
## 146	-0.61259000	4.0855e+05	2.8857e+05	2.1073000	1.7545e-02	9.8246e-01
## 147	0.42835000	3.2085e+05	2.8879e+05	2.1063000	9.8241e-01	1.7588e-02
## 148	0.38658000	3.7347e+05	3.7415e+05	2.1031000	9.8227e-01	1.7729e-02
## 149	0.78790000	5.3437e+04	5.4466e+04	2.0952000	9.8189e-01	1.8112e-02
## 150	0.37875000	4.4928e+05	3.8843e+05	2.0895000	9.8167e-01	1.8331e-02
## 151	0.45622000	1.4508e+06	2.3944e+05	2.0835000	9.8139e-01	1.8605e-02
## 152	-0.42050000	7.2729e+05	5.6089e+05	2.0753000	1.8979e-02	9.8102e-01
## 153	-0.56499000	1.4253e+06	3.1728e+05	2.0596000	1.9721e-02	9.8028e-01
## 154	0.50944000	1.8980e+05	1.7033e+05	2.0360000	9.7913e-01	2.0873e-02
## 155	0.50821000	1.2546e+05	1.7027e+05	2.0299000	9.7882e-01	2.1184e-02
## 156	0.40539000	3.0544e+05	3.0445e+05	2.0243000	9.7853e-01	2.1472e-02
## 157	0.31233000	6.1521e+05	5.7288e+05	2.0029000	9.7741e-01	2.2592e-02
## 158	-0.42157000	2.9235e+05	5.1551e+05	2.0026000	2.2611e-02	9.7739e-01
## 159	0.31646000	1.7601e+04	5.5431e+05	2.0026000	9.7739e-01	2.2612e-02
## 160	0.36515000	5.9580e+05	3.8614e+05	1.9993000	9.7721e-01	2.2789e-02
## 161	-0.43771000	5.8837e+05	4.7033e+05	1.9848000	2.3585e-02	9.7641e-01
## 162	-0.61668000	4.2417e+05	2.4599e+05	1.9721000	2.4297e-02	9.7570e-01
## 163	-0.47850000	2.5401e+04	3.8948e+05	1.9671000	2.4588e-02	9.7541e-01
## 164	0.37015000	2.4134e+05	3.5892e+05	1.9648000	9.7528e-01	2.4719e-02
## 165	0.56120000	8.3319e+04	1.2066e+05	1.9585000	9.7492e-01	2.5085e-02
## 166	-0.39202000	2.2971e+04	5.6148e+05	1.9539000	2.5354e-02	9.7465e-01
## 167	-0.35556000	4.0827e+05	6.7252e+05	1.9452000	2.5878e-02	9.7412e-01
## 168	-0.47125000	7.4225e+04	3.9090e+05	1.9450000	2.5887e-02	9.7411e-01
## 169	-0.58405000	4.4142e+05	2.6166e+05	1.9406000	2.6156e-02	9.7384e-01
## 170	0.45834000	3.5385e+05	1.9914e+05	1.9285000	9.7310e-01	2.6898e-02
## 171	0.30677000	1.2445e+06	5.4895e+05	1.9261000	9.7296e-01	2.7045e-02
## 172	-0.49736000	7.7841e+05	3.3899e+05	1.9092000	2.8115e-02	9.7188e-01
## 173	0.40210000	1.7124e+05	2.7273e+05	1.9088000	9.7186e-01	2.8142e-02
## 174	0.32717000	1.3201e+05	4.5764e+05	1.9071000	9.7174e-01	2.8257e-02
## 175	-0.39619000	7.2456e+04	5.1845e+05	1.9027000	2.8540e-02	9.7146e-01
## 176	-0.48327000	5.4491e+05	3.5436e+05	1.9012000	2.8639e-02	9.7136e-01

## 177	-0.50068000	1.1048e+05	3.3018e+05	1.8973000	2.8893e-02	9.7111e-01
## 178	-0.61361000	1.0466e+05	2.2336e+05	1.8810000	2.9988e-02	9.7001e-01
## 179	-0.60340000	1.0357e+06	2.2943e+05	1.8783000	3.0173e-02	9.6983e-01
## 180	0.34058000	4.3256e+04	3.9926e+05	1.8763000	9.6969e-01	3.0310e-02
## 181	0.41383000	2.5302e+05	2.4340e+05	1.8746000	9.6958e-01	3.0421e-02
## 182	-0.43568000	7.7125e+05	4.1639e+05	1.8717000	3.0626e-02	9.6937e-01
## 183	-0.40333000	1.8916e+06	4.8270e+05	1.8714000	3.0645e-02	9.6936e-01
## 184	0.34504000	1.3081e+06	3.8391e+05	1.8706000	9.6930e-01	3.0697e-02
## 185	-0.52459000	4.4891e+05	2.9176e+05	1.8660000	3.1022e-02	9.6898e-01
## 186	-0.40166000	3.1135e+05	4.8042e+05	1.8607000	3.1390e-02	9.6861e-01
## 187	0.59062000	3.3524e+05	9.2913e+04	1.8533000	9.6808e-01	3.1924e-02
## 188	0.33790000	1.5075e+05	3.9182e+05	1.8441000	9.6741e-01	3.2588e-02
## 189	-0.38630000	2.0647e+05	5.0387e+05	1.8376000	3.3060e-02	9.6694e-01
## 190	0.53172000	1.9864e+05	1.2063e+05	1.8354000	9.6677e-01	3.3225e-02
## 191	0.40355000	4.2830e+05	2.4608e+05	1.8303000	9.6639e-01	3.3606e-02
## 192	-0.39482000	8.4294e+05	4.7864e+05	1.8301000	3.3615e-02	9.6639e-01
## 193	-0.43586000	6.2770e+05	3.9483e+05	1.8282000	3.3762e-02	9.6624e-01
## 194	0.46302000	1.1852e+06	1.7195e+05	1.8271000	9.6616e-01	3.3842e-02
## 195	0.36762000	1.0820e+06	3.1032e+05	1.8264000	9.6610e-01	3.3898e-02
## 196	0.40389000	6.6162e+05	2.4384e+05	1.8246000	9.6597e-01	3.4033e-02
## 197	-0.41744000	3.5245e+05	4.2679e+05	1.8242000	3.4060e-02	9.6594e-01
## 198	0.38433000	5.2672e+05	2.7609e+05	1.8228000	9.6583e-01	3.4171e-02
## 199	0.50195000	7.2731e+04	1.3821e+05	1.8216000	9.6574e-01	3.4258e-02
## 200	-0.59125000	2.7997e+05	2.2223e+05	1.8214000	3.4273e-02	9.6573e-01
## 201	-0.38960000	6.2783e+05	4.8187e+05	1.8145000	3.4798e-02	9.6520e-01
## 202	0.66221000	7.0399e+04	6.3415e+04	1.7982000	9.6389e-01	3.6108e-02
## 203	0.63281000	3.6011e+05	7.1681e+04	1.7956000	9.6370e-01	3.6299e-02
## 204	0.38180000	3.1309e+05	2.6985e+05	1.7906000	9.6332e-01	3.6676e-02
## 205	0.31848000	2.9461e+05	4.2221e+05	1.7848000	9.6286e-01	3.7144e-02
## 206	0.50737000	2.3442e+06	1.2822e+05	1.7839000	9.6278e-01	3.7224e-02
## 207	-0.57864000	3.6122e+04	2.1801e+05	1.7745000	3.7988e-02	9.6201e-01
## 208	0.39269000	2.9602e+04	2.4369e+05	1.7663000	9.6133e-01	3.8674e-02
## 209	0.28033000	3.9175e+04	5.6032e+05	1.7596000	9.6076e-01	3.9237e-02
## 210	0.45489000	3.4078e+05	1.6524e+05	1.7580000	9.6063e-01	3.9374e-02
## 211	-0.61345000	2.9425e+05	1.8921e+05	1.7457000	4.0434e-02	9.5957e-01
## 212	-0.43978000	5.8812e+04	3.4866e+05	1.7423000	4.0732e-02	9.5927e-01
## 213	-0.49561000	5.9627e+04	2.7573e+05	1.7351000	4.1366e-02	9.5863e-01
## 214	-0.53689000	6.8137e+05	2.3558e+05	1.7280000	4.1996e-02	9.5800e-01
## 215	0.33046000	5.4340e+05	3.5587e+05	1.7226000	9.5752e-01	4.2483e-02
## 216	-0.47063000	3.5885e+04	2.9720e+05	1.7180000	4.2899e-02	9.5710e-01
## 217	-1.42690000	1.7741e+04	4.5928e+04	1.7168000	4.3006e-02	9.5699e-01
## 218	0.27081000	6.3694e+05	5.6978e+05	1.7068000	9.5607e-01	4.3926e-02
## 219	-0.36160000	4.0092e+05	4.8576e+05	1.7060000	4.4008e-02	9.5599e-01
## 220	0.30509000	3.7476e+05	4.2432e+05	1.7054000	9.5594e-01	4.4059e-02
## 221	0.30953000	1.3233e+06	4.0801e+05	1.7027000	9.5569e-01	4.4308e-02
## 222	0.38746000	1.2558e+05	2.3212e+05	1.7019000	9.5561e-01	4.4391e-02
## 223	0.42153000	1.3850e+05	1.8675e+05	1.7002000	9.5546e-01	4.4542e-02
## 224	-0.43792000	5.7371e+05	3.2775e+05	1.6884000	4.5667e-02	9.5433e-01
## 225	-0.45275000	1.3806e+06	3.0727e+05	1.6875000	4.5752e-02	9.5425e-01
## 226	-0.39098000	5.0878e+04	4.0093e+05	1.6759000	4.6879e-02	9.5312e-01
## 227	0.29548000	6.9318e+05	4.4028e+05	1.6735000	9.5289e-01	4.7111e-02
## 228	0.30208000	6.5552e+05	4.1631e+05	1.6724000	9.5277e-01	4.7226e-02
## 229	-0.35827000	3.1659e+05	4.7279e+05	1.6717000	4.7291e-02	9.5271e-01
## 230	-0.51809000	6.5007e+05	2.3286e+05	1.6690000	4.7558e-02	9.5244e-01

## 231	-0.42605000	2.9626e+04	3.3642e+05	1.6685000	4.7610e-02	9.5239e-01
## 232	-0.33124000	5.4862e+05	5.4787e+05	1.6662000	4.7835e-02	9.5216e-01
## 233	-0.46194000	6.8360e+05	2.8642e+05	1.6633000	4.8130e-02	9.5187e-01
## 234	-0.37026000	5.7128e+05	4.3563e+05	1.6587000	4.8589e-02	9.5141e-01
## 235	0.41112000	3.0056e+05	1.8798e+05	1.6569000	9.5123e-01	4.8771e-02
## 236	-0.52747000	2.6433e+05	2.1604e+05	1.6380000	5.0713e-02	9.4929e-01
## 237	-0.45531000	1.3559e+06	2.8398e+05	1.6367000	5.0852e-02	9.4915e-01
## 238	0.46392000	2.6271e+05	1.3379e+05	1.6363000	9.4911e-01	5.0889e-02
## 239	-0.34422000	1.6221e+06	4.8324e+05	1.6296000	5.1594e-02	9.4841e-01
## 240	-0.56228000	2.3346e+05	1.8972e+05	1.6287000	5.1689e-02	9.4831e-01
## 241	0.29405000	9.6285e+05	4.1828e+05	1.6267000	9.4810e-01	5.1899e-02
## 242	0.28664000	9.2633e+05	4.4407e+05	1.6246000	9.4787e-01	5.2126e-02
## 243	-0.32313000	1.3688e+05	5.4189e+05	1.6218000	5.2419e-02	9.4758e-01
## 244	-0.28064000	1.1151e+06	7.1545e+05	1.6185000	5.2775e-02	9.4722e-01
## 245	0.30706000	2.6206e+05	3.6972e+05	1.6147000	9.4681e-01	5.3191e-02
## 246	0.43066000	9.2416e+05	1.5732e+05	1.6138000	9.4671e-01	5.3286e-02
## 247	-0.41318000	1.4033e+04	3.2937e+05	1.6096000	5.3739e-02	9.4626e-01
## 248	-0.32447000	4.0857e+05	5.2846e+05	1.6096000	5.3746e-02	9.4625e-01
## 249	0.37893000	4.4698e+04	2.1601e+05	1.6066000	9.4593e-01	5.4071e-02
## 250	-0.44598000	5.2256e+05	2.8257e+05	1.6045000	5.4303e-02	9.4570e-01
## 251	-0.40357000	1.0687e+06	3.4188e+05	1.6038000	5.4383e-02	9.4562e-01
## 252	0.29335000	4.2244e+05	4.0745e+05	1.6034000	9.4558e-01	5.4418e-02
## 253	-0.36876000	4.8724e+05	4.0604e+05	1.6014000	5.4642e-02	9.4536e-01
## 254	0.39787000	2.3403e+06	1.8822e+05	1.5967000	9.4483e-01	5.5168e-02
## 255	-0.34298000	1.2849e+06	4.6491e+05	1.5964000	5.5200e-02	9.4480e-01
## 256	0.30406000	3.2865e+05	3.6837e+05	1.5945000	9.4459e-01	5.5412e-02
## 257	-0.37465000	9.7906e+05	3.8729e+05	1.5897000	5.5947e-02	9.4405e-01
## 258	-0.39500000	3.3330e+05	3.4811e+05	1.5870000	5.6256e-02	9.4374e-01
## 259	0.38077000	5.8881e+05	2.0689e+05	1.5845000	9.4346e-01	5.6542e-02
## 260	-0.48147000	5.2619e+05	2.3538e+05	1.5773000	5.7364e-02	9.4264e-01
## 261	0.36901000	6.6811e+04	2.2045e+05	1.5732000	9.4217e-01	5.7834e-02
## 262	0.43169000	7.5262e+04	1.4707e+05	1.5700000	9.4180e-01	5.8203e-02
## 263	0.31493000	3.1454e+05	3.2625e+05	1.5700000	9.4180e-01	5.8203e-02
## 264	0.44661000	2.3624e+05	1.3416e+05	1.5673000	9.4148e-01	5.8523e-02
## 265	-0.36207000	2.7549e+05	3.9899e+05	1.5635000	5.8962e-02	9.4104e-01
## 266	0.47869000	2.4787e+05	1.1058e+05	1.5585000	9.4044e-01	5.9564e-02
## 267	0.29219000	5.3483e+05	3.8404e+05	1.5546000	9.3998e-01	6.0025e-02
## 268	0.40379000	5.1347e+03	1.7052e+05	1.5536000	9.3986e-01	6.0143e-02
## 269	0.51917000	5.5026e+05	8.8305e+04	1.5509000	9.3953e-01	6.0468e-02
## 270	0.38525000	5.5248e+04	1.9083e+05	1.5486000	9.3926e-01	6.0744e-02
## 271	0.37073000	3.1386e+05	2.1030e+05	1.5484000	9.3924e-01	6.0761e-02
## 272	-0.35709000	1.6661e+06	4.0096e+05	1.5480000	6.0812e-02	9.3919e-01
## 273	-0.45977000	6.5472e+05	2.4532e+05	1.5454000	6.1127e-02	9.3887e-01
## 274	-0.20201000	4.9257e+06	1.2590e+06	1.5419000	6.1548e-02	9.3845e-01
## 275	0.30525000	2.1247e+05	3.3716e+05	1.5391000	9.3811e-01	6.1892e-02
## 276	0.43239000	3.0786e+05	1.3955e+05	1.5364000	9.3778e-01	6.2219e-02
## 277	-0.40503000	4.8543e+05	3.0745e+05	1.5340000	6.2520e-02	9.3748e-01
## 278	0.32033000	7.3267e+04	2.9697e+05	1.5339000	9.3748e-01	6.2522e-02
## 279	-0.34539000	1.0258e+06	4.1790e+05	1.5313000	6.2849e-02	9.3715e-01
## 280	-0.29340000	1.2798e+06	5.7673e+05	1.5295000	6.3067e-02	9.3693e-01
## 281	0.38362000	3.5702e+05	1.8671e+05	1.5261000	9.3650e-01	6.3497e-02
## 282	0.44094000	1.0470e+05	1.2869e+05	1.5156000	9.3519e-01	6.4809e-02
## 283	-1.04240000	2.4078e+03	5.5979e+04	1.5150000	6.4886e-02	9.3511e-01
## 284	0.34558000	6.3454e+04	2.3855e+05	1.5136000	9.3493e-01	6.5067e-02

## 285	-0.38702000	3.7885e+05	3.2338e+05	1.5083000	6.5736e-02	9.3426e-01
## 286	0.39470000	3.5807e+05	1.6858e+05	1.5058000	9.3395e-01	6.6054e-02
## 287	0.26103000	1.0768e+05	4.6727e+05	1.4998000	9.3317e-01	6.6829e-02
## 288	-0.28960000	8.7135e+05	5.6637e+05	1.4994000	6.6889e-02	9.3311e-01
## 289	0.29631000	2.3583e+05	3.4179e+05	1.4984000	9.3298e-01	6.7019e-02
## 290	0.38054000	2.3563e+04	1.8271e+05	1.4975000	9.3287e-01	6.7130e-02
## 291	0.24497000	7.9351e+05	5.4286e+05	1.4969000	9.3279e-01	6.7207e-02
## 292	0.38918000	4.2383e+04	1.7221e+05	1.4960000	9.3268e-01	6.7324e-02
## 293	0.27545000	2.9771e+06	4.0710e+05	1.4954000	9.3259e-01	6.7406e-02
## 294	-0.40034000	1.3562e+05	2.9707e+05	1.4953000	6.7417e-02	9.3258e-01
## 295	-0.26185000	2.1299e+06	6.8998e+05	1.4952000	6.7429e-02	9.3257e-01
## 296	-0.31241000	5.4918e+05	4.8300e+05	1.4944000	6.7534e-02	9.3247e-01
## 297	-0.70088000	5.2546e+04	1.0530e+05	1.4914000	6.7923e-02	9.3208e-01
## 298	-0.48139000	7.8927e+04	2.0650e+05	1.4871000	6.8495e-02	9.3151e-01
## 299	-0.24874000	2.2429e+06	7.5530e+05	1.4858000	6.8672e-02	9.3133e-01
## 300	0.31494000	3.5468e+05	2.8775e+05	1.4841000	9.3110e-01	6.8897e-02
## 301	-0.26355000	1.9024e+06	6.6523e+05	1.4796000	6.9494e-02	9.3051e-01
## 302	-0.40187000	3.6038e+05	2.8801e+05	1.4796000	6.9494e-02	9.3051e-01
## 303	0.35496000	1.3495e+05	2.1191e+05	1.4792000	9.3045e-01	6.9546e-02
## 304	-0.31951000	3.5236e+06	4.5104e+05	1.4786000	6.9620e-02	9.3038e-01
## 305	-0.33639000	2.5203e+06	4.0522e+05	1.4753000	7.0063e-02	9.2994e-01
## 306	0.32593000	2.1710e+05	2.6041e+05	1.4744000	9.2981e-01	7.0192e-02
## 307	0.37213000	1.4119e+05	1.8515e+05	1.4687000	9.2904e-01	7.0961e-02
## 308	-0.31795000	1.2879e+06	4.4732e+05	1.4667000	7.1227e-02	9.2877e-01
## 309	0.29145000	6.5884e+05	3.3821e+05	1.4643000	9.2844e-01	7.1560e-02
## 310	0.35615000	8.6021e+04	2.0523e+05	1.4636000	9.2835e-01	7.1653e-02
## 311	-0.43324000	2.9568e+05	2.4260e+05	1.4616000	7.1921e-02	9.2808e-01
## 312	-0.44324000	1.0718e+05	2.3103e+05	1.4581000	7.2405e-02	9.2760e-01
## 313	-0.33608000	2.7543e+06	3.9274e+05	1.4536000	7.3035e-02	9.2697e-01
## 314	-0.26685000	2.0915e+05	6.2187e+05	1.4518000	7.3272e-02	9.2673e-01
## 315	0.28650000	8.9998e+04	3.4380e+05	1.4475000	9.2612e-01	7.3879e-02
## 316	0.31808000	2.5446e+05	2.6269e+05	1.4404000	9.2512e-01	7.4876e-02
## 317	0.34255000	7.9385e+05	2.1755e+05	1.4380000	9.2478e-01	7.5222e-02
## 318	-0.29803000	7.7723e+05	4.8513e+05	1.4353000	7.5595e-02	9.2440e-01
## 319	0.33196000	5.7650e+03	2.3350e+05	1.4330000	9.2407e-01	7.5928e-02
## 320	0.29661000	1.4773e+06	3.0710e+05	1.4297000	9.2360e-01	7.6402e-02
## 321	-0.36566000	1.7063e+05	3.1851e+05	1.4254000	7.7015e-02	9.2298e-01
## 322	0.28481000	9.0096e+05	3.3663e+05	1.4245000	9.2285e-01	7.7151e-02
## 323	-0.25432000	2.7240e+06	6.5217e+05	1.4195000	7.7876e-02	9.2212e-01
## 324	0.26793000	8.9197e+04	3.8755e+05	1.4189000	9.2204e-01	7.7957e-02
## 325	-0.28468000	6.0913e+05	5.1845e+05	1.4189000	7.7966e-02	9.2203e-01
## 326	0.25513000	7.0253e+06	4.3439e+05	1.4157000	9.2156e-01	7.8435e-02
## 327	0.26065000	2.6685e+05	4.1061e+05	1.4130000	9.2117e-01	7.8825e-02
## 328	-0.39736000	9.7432e+03	2.6394e+05	1.4089000	7.9439e-02	9.2056e-01
## 329	-0.41620000	2.6157e+06	2.4043e+05	1.4064000	7.9808e-02	9.2019e-01
## 330	-0.31942000	3.8931e+06	4.0329e+05	1.4058000	7.9886e-02	9.2011e-01
## 331	-0.31795000	1.2505e+06	4.0569e+05	1.4038000	8.0194e-02	9.1981e-01
## 332	-0.26766000	1.2342e+06	5.7333e+05	1.4037000	8.0209e-02	9.1979e-01
## 333	0.30009000	5.0976e+05	2.8607e+05	1.4029000	9.1967e-01	8.0328e-02
## 334	0.35329000	6.0502e+05	1.9013e+05	1.4015000	9.1946e-01	8.0536e-02
## 335	-0.41972000	1.1672e+06	2.3458e+05	1.4010000	8.0603e-02	9.1940e-01
## 336	0.26962000	2.2431e+04	3.7033e+05	1.3999000	9.1923e-01	8.0769e-02
## 337	-0.39286000	6.9117e+05	2.6476e+05	1.3969000	8.1218e-02	9.1878e-01
## 338	-0.62144000	6.4498e+03	1.1235e+05	1.3963000	8.1311e-02	9.1869e-01

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## 339 -0.28483000 1.6369e+06 4.9510e+05 1.3905000 8.2187e-02 9.1781e-01
## 340 0.28751000 2.7508e+05 3.0854e+05 1.3842000 9.1685e-01 8.3147e-02
## 341 -0.32474000 8.7571e+05 3.7490e+05 1.3807000 8.3686e-02 9.1631e-01
## 342 0.26787000 6.9344e+04 3.6396e+05 1.3792000 9.1608e-01 8.3922e-02
## 343 -0.26315000 1.4947e+06 5.6704e+05 1.3753000 8.4519e-02 9.1548e-01
## 344 -0.27498000 1.3760e+06 5.1692e+05 1.3732000 8.4851e-02 9.1515e-01
## 345 0.30164000 2.1475e+06 2.6666e+05 1.3671000 9.1420e-01 8.5802e-02
## 346 -0.52265000 2.0952e+05 1.4292e+05 1.3505000 8.8421e-02 9.1158e-01
## 347 0.25505000 6.0386e+05 3.9106e+05 1.3500000 9.1149e-01 8.8506e-02
## 348 -0.47856000 1.6979e+05 1.6791e+05 1.3485000 8.8743e-02 9.1126e-01
## 349 0.28277000 7.3385e+05 3.0287e+05 1.3478000 9.1114e-01 8.8861e-02
## 350 -0.24633000 2.0969e+05 6.1081e+05 1.3387000 9.0338e-02 9.0966e-01
## 351 0.24171000 1.2417e+06 4.3333e+05 1.3334000 9.0879e-01 9.1207e-02
## 352 -0.34001000 1.9044e+05 3.1627e+05 1.3326000 9.1334e-02 9.0867e-01
## 353 -0.33503000 1.6475e+05 3.2559e+05 1.3325000 9.1348e-02 9.0865e-01
## 354 -0.31465000 1.9715e+06 3.6497e+05 1.3263000 9.2376e-02 9.0762e-01
## 355 -0.28313000 5.3863e+05 4.4834e+05 1.3227000 9.2961e-02 9.0704e-01
## 356 0.26145000 7.6464e+05 3.5166e+05 1.3225000 9.0700e-01 9.3003e-02
## 357 0.25786000 7.0107e+05 3.6275e+05 1.3209000 9.0674e-01 9.3260e-02
## 358 0.28832000 2.8710e+05 2.7473e+05 1.3180000 9.0625e-01 9.3749e-02
## 359 0.21014000 1.6097e+06 5.8786e+05 1.3145000 9.0566e-01 9.4341e-02
## 360 0.20774000 2.0500e+06 6.0324e+05 1.3135000 9.0549e-01 9.4509e-02
## 361 0.33548000 3.1124e+05 1.8717e+05 1.3130000 9.0541e-01 9.4588e-02
## 362 0.46191000 6.6188e+05 8.2720e+04 1.3123000 9.0526e-01 9.4739e-02
## 363 -0.28824000 3.7411e+05 4.2475e+05 1.3121000 9.4749e-02 9.0525e-01
## 364 0.33941000 3.9457e+05 1.8134e+05 1.3116000 9.0516e-01 9.4835e-02
## 365 -0.28505000 8.0380e+04 4.3309e+05 1.3103000 9.5044e-02 9.0496e-01
## 366 -0.38249000 2.7188e+05 2.3638e+05 1.2970000 9.7312e-02 9.0269e-01
## 367 -0.29207000 3.9231e+05 4.0096e+05 1.2939000 9.7850e-02 9.0215e-01
## 368 -0.32987000 9.5192e+05 3.1249e+05 1.2902000 9.8485e-02 9.0151e-01
## 369 -0.43268000 2.1739e+04 1.7890e+05 1.2735000 1.0142e-01 8.9858e-01
## 370 -0.20814000 8.9936e+03 7.7187e+05 1.2727000 1.0156e-01 8.9844e-01
## 371 0.37137000 1.9233e+05 1.3493e+05 1.2714000 8.9820e-01 1.0180e-01
## 372 0.40572000 9.2221e+04 1.0702e+05 1.2676000 8.9752e-01 1.0248e-01
## 373 0.32749000 6.1649e+05 1.8105e+05 1.2591000 8.9601e-01 1.0399e-01
## 374 -0.84576000 0.0000e+00 4.5087e+01 1.2584000 1.0412e-01 8.9588e-01
## 375 -0.33368000 7.2381e+05 2.8680e+05 1.2543000 1.0487e-01 8.9513e-01
## 376 0.28044000 1.1800e+05 2.6218e+05 1.2519000 8.9469e-01 1.0531e-01
## 377 0.35659000 4.5871e+05 1.4414e+05 1.2508000 8.9449e-01 1.0551e-01
## 378 0.33749000 3.7723e+04 1.6120e+05 1.2362000 8.9180e-01 1.0820e-01
## 379 -0.29434000 1.5318e+03 3.5578e+05 1.2349000 1.0844e-01 8.9156e-01
## 380 0.24930000 5.8956e+05 3.3786e+05 1.2332000 8.9125e-01 1.0875e-01
## 381 0.29808000 1.6660e+05 2.1667e+05 1.2292000 8.9051e-01 1.0949e-01
## 382 0.33660000 1.5538e+05 1.5916e+05 1.2255000 8.8980e-01 1.1020e-01
## 383 -0.38120000 1.9071e+05 2.0945e+05 1.2249000 1.1031e-01 8.8969e-01
## 384 0.30497000 9.6607e+04 2.0314e+05 1.2248000 8.8967e-01 1.1033e-01
## 385 -0.23682000 1.8063e+06 5.3954e+05 1.2211000 1.1102e-01 8.8898e-01
## 386 -0.30807000 1.2569e+05 3.1490e+05 1.2180000 1.1162e-01 8.8838e-01
## 387 -0.19174000 3.5824e+06 8.2656e+05 1.2158000 1.1204e-01 8.8796e-01
## 388 0.19762000 9.9772e+05 5.7164e+05 1.2153000 8.8788e-01 1.1212e-01
## 389 -0.22772000 4.3088e+05 5.7433e+05 1.2113000 1.1288e-01 8.8712e-01
## 390 0.21066000 6.3435e+05 4.8347e+05 1.2072000 8.8633e-01 1.1367e-01
## 391 -0.21647000 1.1300e+06 6.2902e+05 1.2041000 1.1428e-01 8.8572e-01
## 392 -0.36339000 7.5313e+04 2.2047e+05 1.2019000 1.1470e-01 8.8530e-01

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## 393	0.36099000	9.0482e+05	1.2764e+05	1.2009000	8.8511e-01	1.1489e-01
## 394	0.23123000	7.1417e+05	3.7813e+05	1.1954000	8.8403e-01	1.1597e-01
## 395	0.35409000	2.8748e+05	1.3238e+05	1.1944000	8.8384e-01	1.1616e-01
## 396	-0.36066000	1.4810e+05	2.1943e+05	1.1914000	1.1675e-01	8.8325e-01
## 397	-0.25183000	1.0937e+06	4.4811e+05	1.1887000	1.1728e-01	8.8272e-01
## 398	-0.36044000	2.0275e+05	2.1849e+05	1.1885000	1.1732e-01	8.8268e-01
## 399	-0.64351000	2.7229e+04	7.3416e+04	1.1884000	1.1733e-01	8.8267e-01
## 400	-0.28354000	6.6190e+04	3.5036e+05	1.1857000	1.1787e-01	8.8213e-01
## 401	0.21938000	1.3148e+05	4.1669e+05	1.1797000	8.8094e-01	1.1906e-01
## 402	-0.26518000	4.8567e+05	3.9591e+05	1.1787000	1.1926e-01	8.8074e-01
## 403	-0.27796000	4.8119e+05	3.5900e+05	1.1773000	1.1953e-01	8.8047e-01
## 404	0.20475000	4.3414e+05	4.8917e+05	1.1771000	8.8042e-01	1.1958e-01
## 405	-0.37876000	3.6632e+05	1.9405e+05	1.1770000	1.1960e-01	8.8040e-01
## 406	0.20341000	3.0270e+06	4.9635e+05	1.1765000	8.8029e-01	1.1971e-01
## 407	-0.31932000	3.5973e+05	2.7054e+05	1.1748000	1.2003e-01	8.7997e-01
## 408	0.28988000	6.5119e+05	2.0806e+05	1.1704000	8.7908e-01	1.2092e-01
## 409	0.45123000	3.5952e+05	6.7408e+04	1.1650000	8.7790e-01	1.2210e-01
## 410	-0.34068000	1.2118e+06	2.3278e+05	1.1634000	1.2234e-01	8.7766e-01
## 411	-0.22618000	1.9466e+06	5.2989e+05	1.1610000	1.2281e-01	8.7719e-01
## 412	-0.21352000	5.7460e+04	5.9622e+05	1.1606000	1.2290e-01	8.7710e-01
## 413	-0.29032000	3.4217e+04	3.1806e+05	1.1598000	1.2306e-01	8.7694e-01
## 414	0.27588000	4.1732e+05	2.2935e+05	1.1579000	8.7654e-01	1.2346e-01
## 415	-0.21449000	7.0704e+05	5.8678e+05	1.1572000	1.2360e-01	8.7640e-01
## 416	-0.25996000	3.9552e+05	3.9353e+05	1.1544000	1.2417e-01	8.7583e-01
## 417	-0.21583000	9.6509e+04	5.7574e+05	1.1540000	1.2425e-01	8.7575e-01
## 418	-0.25579000	3.2898e+05	4.0470e+05	1.1518000	1.2470e-01	8.7530e-01
## 419	-0.35891000	5.9864e+05	2.0406e+05	1.1483000	1.2543e-01	8.7457e-01
## 420	0.23834000	3.9537e+05	3.1119e+05	1.1318000	8.7115e-01	1.2885e-01
## 421	-0.43480000	1.7549e+05	1.3613e+05	1.1313000	1.2896e-01	8.7104e-01
## 422	-0.26705000	7.3665e+04	3.5473e+05	1.1292000	1.2941e-01	8.7059e-01
## 423	0.27939000	5.2126e+05	2.0923e+05	1.1266000	8.7005e-01	1.2995e-01
## 424	-0.44795000	1.0912e+05	1.2714e+05	1.1255000	1.3019e-01	8.6981e-01
## 425	-0.80747000	1.3193e+05	4.2364e+04	1.1251000	1.3028e-01	8.6972e-01
## 426	-0.25060000	1.4247e+05	4.0014e+05	1.1247000	1.3036e-01	8.6964e-01
## 427	0.25607000	1.6862e+05	2.5451e+05	1.1181000	8.6824e-01	1.3176e-01
## 428	-0.25302000	3.3593e+05	3.8441e+05	1.1144000	1.3256e-01	8.6744e-01
## 429	-0.25142000	2.7154e+05	3.8753e+05	1.1120000	1.3307e-01	8.6693e-01
## 430	-0.32251000	2.0197e+04	2.3423e+05	1.1111000	1.3326e-01	8.6674e-01
## 431	0.27291000	2.6027e+05	2.1337e+05	1.1077000	8.6600e-01	1.3400e-01
## 432	-0.25328000	5.0506e+04	3.7833e+05	1.1075000	1.3404e-01	8.6596e-01
## 433	0.26887000	2.0356e+04	2.2057e+05	1.1060000	8.6565e-01	1.3435e-01
## 434	-0.31640000	3.0375e+05	2.4058e+05	1.1054000	1.3448e-01	8.6552e-01
## 435	-0.19950000	2.8701e+05	6.1084e+05	1.1015000	1.3534e-01	8.6466e-01
## 436	0.27554000	3.8224e+05	2.0442e+05	1.0981000	8.6392e-01	1.3608e-01
## 437	0.21369000	6.9713e+05	3.7678e+05	1.0961000	8.6349e-01	1.3651e-01
## 438	-0.21354000	9.7228e+06	5.2374e+05	1.0951000	1.3673e-01	8.6327e-01
## 439	-0.35010000	1.9788e+06	1.9243e+05	1.0942000	1.3693e-01	8.6307e-01
## 440	0.23636000	5.3710e+05	2.9446e+05	1.0942000	8.6306e-01	1.3694e-01
## 441	0.18774000	3.3311e+06	5.1097e+05	1.0940000	8.6302e-01	1.3698e-01
## 442	-0.26251000	2.5287e+05	3.4216e+05	1.0938000	1.3702e-01	8.6298e-01
## 443	-0.33594000	4.9615e+04	2.0638e+05	1.0885000	1.3818e-01	8.6182e-01
## 444	-0.28846000	3.6911e+05	2.7761e+05	1.0848000	1.3900e-01	8.6100e-01
## 445	-0.19758000	1.1991e+05	6.0199e+05	1.0844000	1.3908e-01	8.6092e-01
## 446	0.31749000	2.0232e+05	1.3859e+05	1.0789000	8.5968e-01	1.4032e-01

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## 447 0.25569000 6.0350e+05 2.3548e+05 1.0781000 8.5950e-01 1.4050e-01
## 448 -0.34343000 9.7902e+03 1.9219e+05 1.0751000 1.4116e-01 8.5884e-01
## 449 0.26083000 4.5258e+05 2.2250e+05 1.0741000 8.5861e-01 1.4139e-01
## 450 -0.24171000 4.7518e+04 3.8489e+05 1.0693000 1.4248e-01 8.5752e-01
## 451 -0.26484000 1.0986e+06 3.1406e+05 1.0611000 1.4433e-01 8.5567e-01
## 452 -0.25822000 2.7612e+05 3.2857e+05 1.0581000 1.4501e-01 8.5499e-01
## 453 -0.31464000 2.6026e+05 2.1801e+05 1.0524000 1.4631e-01 8.5369e-01
## 454 -0.32396000 5.2993e+05 2.0537e+05 1.0516000 1.4649e-01 8.5351e-01
## 455 0.47294000 1.0904e+05 4.6951e+04 1.0468000 8.5187e-01 1.4813e-01
## 456 0.26707000 1.4798e+05 1.9503e+05 1.0390000 8.5059e-01 1.4941e-01
## 457 0.23148000 1.0300e+05 2.7380e+05 1.0353000 8.4975e-01 1.5025e-01
## 458 -0.25464000 2.6900e+05 3.2053e+05 1.0331000 1.5078e-01 8.4922e-01
## 459 -0.29584000 3.7609e+05 2.3655e+05 1.0329000 1.5083e-01 8.4917e-01
## 460 -0.20357000 9.9525e+05 5.0533e+05 1.0308000 1.5132e-01 8.4868e-01
## 461 -0.20132000 1.8491e+06 5.1577e+05 1.0296000 1.5160e-01 8.4840e-01
## 462 0.18411000 1.3558e+05 4.6620e+05 1.0283000 8.4808e-01 1.5192e-01
## 463 0.22445000 2.4635e+05 2.8923e+05 1.0263000 8.4763e-01 1.5237e-01
## 464 0.23835000 6.8914e+04 2.4848e+05 1.0231000 8.4688e-01 1.5312e-01
## 465 0.24319000 3.7172e+05 2.3665e+05 1.0231000 8.4687e-01 1.5313e-01
## 466 0.18338000 4.5983e+05 4.6386e+05 1.0216000 8.4652e-01 1.5348e-01
## 467 0.19154000 4.8065e+05 4.1825e+05 1.0215000 8.4650e-01 1.5350e-01
## 468 -0.35461000 7.7147e+04 1.5873e+05 1.0151000 1.5504e-01 8.4496e-01
## 469 -0.24302000 6.4237e+04 3.3843e+05 1.0143000 1.5523e-01 8.4477e-01
## 470 -0.18849000 1.9287e+06 5.7089e+05 1.0133000 1.5546e-01 8.4454e-01
## 471 0.24239000 4.0075e+05 2.3312e+05 1.0126000 8.4436e-01 1.5564e-01
## 472 0.21208000 7.7574e+05 3.2053e+05 1.0111000 8.4401e-01 1.5599e-01
## 473 -0.25505000 5.4096e+05 3.0337e+05 1.0094000 1.5640e-01 8.4360e-01
## 474 0.27353000 1.3885e+05 1.7198e+05 1.0080000 8.4328e-01 1.5672e-01
## 475 0.22079000 6.4180e+05 2.8901e+05 1.0079000 8.4326e-01 1.5674e-01
## 476 -0.35321000 1.5789e+04 1.5739e+05 1.0077000 1.5680e-01 8.4320e-01
## 477 -0.29088000 1.3201e+05 2.2975e+05 1.0040000 1.5768e-01 8.4232e-01
## 478 -0.19057000 6.2681e+04 5.4652e+05 1.0039000 1.5771e-01 8.4229e-01
## 479 0.15807000 8.6214e+05 6.3079e+05 1.0019000 8.4181e-01 1.5819e-01
## 480 0.25790000 2.4707e+05 1.9548e+05 1.0010000 8.4159e-01 1.5841e-01
## 481 -0.24026000 5.8752e+05 3.3424e+05 0.9980800 1.5912e-01 8.4088e-01
## 482 -0.19624000 1.6150e+05 5.0339e+05 0.9944400 1.6000e-01 8.4000e-01
## 483 0.22065000 7.4682e+04 2.8065e+05 0.9940900 8.3991e-01 1.6009e-01
## 484 0.18208000 1.2706e+06 4.4374e+05 0.9939300 8.3987e-01 1.6013e-01
## 485 -0.21948000 1.2398e+06 3.9811e+05 0.9931700 1.6031e-01 8.3969e-01
## 486 -0.21234000 6.3331e+05 4.2354e+05 0.9903200 1.6101e-01 8.3899e-01
## 487 0.24117000 3.8927e+05 2.2208e+05 0.9853600 8.3778e-01 1.6222e-01
## 488 -0.18230000 8.5020e+05 5.7471e+05 0.9850300 1.6231e-01 8.3769e-01
## 489 -0.19779000 1.4178e+06 4.8232e+05 0.9827000 1.6288e-01 8.3712e-01
## 490 0.15146000 1.4676e+06 6.6292e+05 0.9793700 8.3630e-01 1.6370e-01
## 491 -0.20094000 2.7361e+05 4.6061e+05 0.9768800 1.6431e-01 8.3569e-01
## 492 -0.22695000 4.0983e+05 3.5780e+05 0.9764400 1.6442e-01 8.3558e-01
## 493 0.20379000 2.7658e+05 3.2603e+05 0.9761500 8.3550e-01 1.6450e-01
## 494 -0.25382000 1.1271e+06 2.8397e+05 0.9755600 1.6464e-01 8.3536e-01
## 495 0.19238000 8.2307e+04 3.7100e+05 0.9725900 8.3462e-01 1.6538e-01
## 496 0.18681000 1.4503e+05 3.9689e+05 0.9715400 8.3436e-01 1.6564e-01
## 497 -0.26259000 9.9329e+05 2.5923e+05 0.9659800 1.6703e-01 8.3297e-01
## 498 -0.18528000 1.2150e+06 5.2509e+05 0.9603900 1.6843e-01 8.3157e-01
## 499 -0.27057000 5.7575e+05 2.3981e+05 0.9585600 1.6889e-01 8.3111e-01
## 500 0.17484000 1.4222e+06 4.4876e+05 0.9567500 8.3065e-01 1.6935e-01

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## 501	0.31760000	1.8222e+05	1.0572e+05	0.9559200	8.3044e-01	1.6956e-01
## 502	-0.18330000	2.6305e+04	5.3059e+05	0.9552600	1.6972e-01	8.3028e-01
## 503	-0.21650000	3.1303e+05	3.7437e+05	0.9539600	1.7005e-01	8.2995e-01
## 504	-0.24686000	9.4968e+05	2.8257e+05	0.9489400	1.7133e-01	8.2867e-01
## 505	0.22130000	2.3595e+05	2.4974e+05	0.9463600	8.2802e-01	1.7198e-01
## 506	-0.27987000	1.9861e+05	2.1742e+05	0.9458900	1.7210e-01	8.2790e-01
## 507	-0.21452000	3.4919e+05	3.7257e+05	0.9438400	1.7262e-01	8.2738e-01
## 508	0.18447000	4.7508e+05	3.8324e+05	0.9436500	8.2733e-01	1.7267e-01
## 509	0.23043000	5.8128e+04	2.2442e+05	0.9423000	8.2698e-01	1.7302e-01
## 510	0.21088000	7.5343e+05	2.7564e+05	0.9391700	8.2618e-01	1.7382e-01
## 511	-0.20098000	7.4554e+05	4.2110e+05	0.9385100	1.7399e-01	8.2601e-01
## 512	-0.40574000	1.3655e+05	1.0221e+05	0.9375200	1.7424e-01	8.2576e-01
## 513	0.24507000	5.4402e+04	1.9057e+05	0.9361100	8.2539e-01	1.7461e-01
## 514	-0.25001000	2.6531e+05	2.6553e+05	0.9336200	1.7525e-01	8.2475e-01
## 515	0.23275000	1.4019e+05	2.1388e+05	0.9322100	8.2439e-01	1.7561e-01
## 516	-0.27452000	4.3485e+04	2.1835e+05	0.9312500	1.7586e-01	8.2414e-01
## 517	0.19060000	2.8905e+05	3.4091e+05	0.9270900	8.2306e-01	1.7694e-01
## 518	-0.17410000	3.9297e+05	5.5159e+05	0.9261400	1.7719e-01	8.2281e-01
## 519	0.23680000	1.3153e+05	2.0002e+05	0.9216800	8.2165e-01	1.7835e-01
## 520	0.20997000	6.2983e+05	2.6638e+05	0.9205700	8.2136e-01	1.7864e-01
## 521	-0.19559000	3.9536e+05	4.2670e+05	0.9204700	1.7866e-01	8.2134e-01
## 522	-0.29462000	5.1994e+05	1.8235e+05	0.9156300	1.7993e-01	8.2007e-01
## 523	-0.25351000	2.7928e+06	2.4711e+05	0.9155400	1.7995e-01	8.2005e-01
## 524	-0.23610000	4.9776e+04	2.8467e+05	0.9139100	1.8038e-01	8.1962e-01
## 525	-0.18080000	1.6003e+06	4.9314e+05	0.9125200	1.8075e-01	8.1925e-01
## 526	-0.16690000	5.7718e+04	5.7762e+05	0.9086000	1.8178e-01	8.1822e-01
## 527	0.18470000	6.1751e+05	3.5080e+05	0.9080900	8.1808e-01	1.8192e-01
## 528	-0.18910000	1.1356e+05	4.3854e+05	0.9029000	1.8329e-01	8.1671e-01
## 529	0.19852000	6.6407e+05	2.9139e+05	0.9024700	8.1660e-01	1.8340e-01
## 530	-0.16544000	1.8437e+04	5.7870e+05	0.9018900	1.8356e-01	8.1644e-01
## 531	-0.22859000	3.6650e+05	2.9096e+05	0.8958100	1.8518e-01	8.1482e-01
## 532	-0.35037000	7.4482e+05	1.2295e+05	0.8956500	1.8522e-01	8.1478e-01
## 533	0.19697000	7.4843e+05	2.9113e+05	0.8945900	8.1450e-01	1.8550e-01
## 534	0.20594000	1.3472e+05	2.6079e+05	0.8930900	8.1410e-01	1.8590e-01
## 535	-0.21993000	1.1438e+05	3.1171e+05	0.8915700	1.8631e-01	8.1369e-01
## 536	0.18221000	3.9751e+04	3.4762e+05	0.8914300	8.1365e-01	1.8635e-01
## 537	0.16605000	1.2643e+05	4.3050e+05	0.8891000	8.1303e-01	1.8697e-01
## 538	-0.21407000	5.2672e+05	3.2666e+05	0.8879900	1.8727e-01	8.1273e-01
## 539	-0.25370000	5.3344e+05	2.2935e+05	0.8860000	1.8781e-01	8.1219e-01
## 540	-0.16101000	2.3119e+05	5.8769e+05	0.8851400	1.8804e-01	8.1196e-01
## 541	0.11966000	1.5452e+05	9.1234e+05	0.8831300	8.1142e-01	1.8858e-01
## 542	-0.17326000	4.9761e+05	4.9849e+05	0.8809700	1.8917e-01	8.1083e-01
## 543	-0.38386000	1.0974e+05	9.7362e+04	0.8742400	1.9099e-01	8.0901e-01
## 544	0.16773000	6.9260e+05	3.9904e+05	0.8685800	8.0746e-01	1.9254e-01
## 545	-0.23057000	5.9151e+05	2.6587e+05	0.8671600	1.9293e-01	8.0707e-01
## 546	-0.25316000	4.9354e+04	2.1949e+05	0.8670000	1.9297e-01	8.0703e-01
## 547	-0.28205000	3.0420e+05	1.7588e+05	0.8661100	1.9322e-01	8.0678e-01
## 548	0.17046000	3.0137e+05	3.8046e+05	0.8648400	8.0644e-01	1.9356e-01
## 549	-0.21087000	1.1610e+06	3.1583e+05	0.8625100	1.9420e-01	8.0580e-01
## 550	0.18245000	5.8783e+05	3.2193e+05	0.8624200	8.0577e-01	1.9423e-01
## 551	0.18428000	3.7681e+04	3.1430e+05	0.8623000	8.0574e-01	1.9426e-01
## 552	0.16444000	1.0284e+05	4.1133e+05	0.8621700	8.0570e-01	1.9430e-01
## 553	0.23193000	3.6964e+04	1.8027e+05	0.8601100	8.0514e-01	1.9486e-01
## 554	-0.26435000	9.6068e+04	1.9715e+05	0.8595200	1.9503e-01	8.0497e-01

## 555	0.18372000	1.3010e+05	3.1374e+05	0.8588300	8.0478e-01	1.9522e-01
## 556	0.16620000	9.4118e+04	3.9679e+05	0.8580000	8.0455e-01	1.9545e-01
## 557	-0.20040000	2.2035e+03	3.4537e+05	0.8562700	1.9592e-01	8.0408e-01
## 558	0.22082000	3.9661e+05	2.0027e+05	0.8551200	8.0376e-01	1.9624e-01
## 559	0.17318000	1.0502e+06	3.5623e+05	0.8538900	8.0342e-01	1.9658e-01
## 560	-0.21725000	8.2595e+04	2.8827e+05	0.8511000	1.9736e-01	8.0264e-01
## 561	-0.18646000	8.8037e+05	3.8430e+05	0.8398000	2.0051e-01	7.9949e-01
## 562	0.13562000	7.6502e+05	6.0521e+05	0.8371500	7.9875e-01	2.0125e-01
## 563	-0.31550000	1.2091e+05	1.2567e+05	0.8239900	2.0497e-01	7.9503e-01
## 564	-0.14757000	2.6557e+04	6.0152e+05	0.8235700	2.0509e-01	7.9491e-01
## 565	-0.14879000	1.7827e+06	5.8831e+05	0.8217600	2.0561e-01	7.9439e-01
## 566	-0.15718000	2.4566e+06	5.2292e+05	0.8210200	2.0582e-01	7.9418e-01
## 567	-0.23794000	8.9417e+05	2.1857e+05	0.8175300	2.0681e-01	7.9319e-01
## 568	-0.21376000	4.3651e+05	2.7029e+05	0.8145400	2.0767e-01	7.9233e-01
## 569	-0.18449000	3.9222e+05	3.6534e+05	0.8128100	2.0816e-01	7.9184e-01
## 570	0.20326000	3.2999e+05	2.1781e+05	0.8122600	7.9168e-01	2.0832e-01
## 571	0.16467000	2.2657e+06	3.5719e+05	0.8104600	7.9116e-01	2.0884e-01
## 572	-0.20580000	2.3481e+05	2.8847e+05	0.8096100	2.0908e-01	7.9092e-01
## 573	-0.23628000	6.0212e+05	2.1624e+05	0.8083800	2.0944e-01	7.9056e-01
## 574	0.19298000	3.5947e+04	2.3519e+05	0.7952700	7.8677e-01	2.1323e-01
## 575	0.16127000	1.5358e+05	3.5628e+05	0.7918400	7.8577e-01	2.1423e-01
## 576	-0.16182000	3.8063e+05	4.5355e+05	0.7917000	2.1427e-01	7.8573e-01
## 577	0.14167000	2.5243e+06	4.8248e+05	0.7915800	7.8570e-01	2.1430e-01
## 578	0.14803000	5.7537e+05	4.3292e+05	0.7895700	7.8511e-01	2.1489e-01
## 579	0.26564000	2.0305e+05	1.0692e+05	0.7887600	7.8486e-01	2.1514e-01
## 580	0.19716000	2.1373e+05	2.1909e+05	0.7882400	7.8472e-01	2.1528e-01
## 581	0.13684000	1.4100e+06	5.1426e+05	0.7854700	7.8391e-01	2.1609e-01
## 582	0.17219000	9.4651e+04	2.9920e+05	0.7847700	7.8371e-01	2.1629e-01
## 583	-0.16563000	8.3871e+05	4.2184e+05	0.7834100	2.1669e-01	7.8331e-01
## 584	-0.15303000	1.0142e+06	4.9656e+05	0.7820900	2.1708e-01	7.8292e-01
## 585	0.20113000	1.8015e+02	2.0374e+05	0.7794100	7.8213e-01	2.1787e-01
## 586	0.17650000	3.4555e+05	2.7400e+05	0.7744500	7.8067e-01	2.1933e-01
## 587	0.13758000	5.3151e+05	4.8552e+05	0.7698000	7.7929e-01	2.2071e-01
## 588	-0.19520000	2.9082e+05	2.8642e+05	0.7682000	2.2118e-01	7.7882e-01
## 589	0.19287000	1.1185e+06	2.1789e+05	0.7680000	7.7876e-01	2.2124e-01
## 590	0.11399000	3.1215e+06	7.4760e+05	0.7677900	7.7870e-01	2.2130e-01
## 591	0.27749000	2.2724e+05	8.8584e+04	0.7605200	7.7649e-01	2.2351e-01
## 592	0.14316000	6.2732e+05	4.3014e+05	0.7600800	7.7640e-01	2.2360e-01
## 593	0.15302000	7.1186e+05	3.6726e+05	0.7594700	7.7621e-01	2.2379e-01
## 594	0.13959000	2.5932e+05	4.5529e+05	0.7593200	7.7617e-01	2.2383e-01
## 595	0.16121000	7.6073e+04	3.2424e+05	0.7587900	7.7601e-01	2.2399e-01
## 596	0.17404000	5.1594e+04	2.6852e+05	0.7561100	7.7521e-01	2.2479e-01
## 597	-0.17836000	2.2353e+06	3.3330e+05	0.7556600	2.2493e-01	7.7507e-01
## 598	-0.18756000	2.3000e+03	2.9651e+05	0.7516500	2.2613e-01	7.7387e-01
## 599	-0.18572000	2.3181e+05	3.0258e+05	0.7515600	2.2616e-01	7.7384e-01
## 600	0.12479000	2.7938e+05	5.7394e+05	0.7492800	7.7315e-01	2.2685e-01
## 601	-0.14733000	4.1425e+05	4.8489e+05	0.7464500	2.2770e-01	7.7230e-01
## 602	0.14677000	6.3685e+05	3.8730e+05	0.7443700	7.7167e-01	2.2833e-01
## 603	-0.17687000	1.5719e+06	3.2726e+05	0.7436100	2.2856e-01	7.7144e-01
## 604	0.15801000	2.3043e+05	3.2041e+05	0.7389200	7.7002e-01	2.2998e-01
## 605	-0.17227000	1.8739e+05	3.3934e+05	0.7373000	2.3047e-01	7.6953e-01
## 606	-0.14057000	9.1575e+05	5.1738e+05	0.7349100	2.3120e-01	7.6880e-01
## 607	-0.18472000	9.0997e+05	2.8966e+05	0.7332400	2.3171e-01	7.6829e-01
## 608	-0.16169000	3.3238e+05	3.8239e+05	0.7327700	2.3185e-01	7.6815e-01

## 609	0.18414000	3.2236e+05	2.1894e+05	0.7325700	7.6809e-01	2.3191e-01
## 610	0.22588000	4.2161e+05	1.3143e+05	0.7253700	7.6589e-01	2.3411e-01
## 611	0.16139000	1.3776e+06	2.9136e+05	0.7240700	7.6549e-01	2.3451e-01
## 612	-0.17204000	9.2028e+05	3.2404e+05	0.7213000	2.3536e-01	7.6464e-01
## 613	-0.19930000	3.2926e+05	2.3795e+05	0.7207300	2.3554e-01	7.6446e-01
## 614	-0.15942000	5.3136e+04	3.7920e+05	0.7203200	2.3566e-01	7.6434e-01
## 615	-0.20370000	5.1787e+05	2.2552e+05	0.7180600	2.3636e-01	7.6364e-01
## 616	0.14621000	6.3708e+05	3.5920e+05	0.7167300	7.6323e-01	2.3677e-01
## 617	0.15586000	7.5035e+05	3.0667e+05	0.7141100	7.6242e-01	2.3758e-01
## 618	-0.27231000	2.4342e+05	1.2232e+05	0.7128600	2.3797e-01	7.6203e-01
## 619	0.16741000	3.2473e+05	2.5408e+05	0.7078300	7.6047e-01	2.3953e-01
## 620	-0.16472000	9.9801e+05	3.3917e+05	0.7066200	2.3990e-01	7.6010e-01
## 621	0.12074000	1.5967e+06	5.4199e+05	0.7056000	7.5978e-01	2.4022e-01
## 622	-0.17442000	1.1349e+06	2.9887e+05	0.7046300	2.4052e-01	7.5948e-01
## 623	-0.15049000	1.9087e+05	4.0268e+05	0.7007000	2.4175e-01	7.5825e-01
## 624	0.21194000	3.7593e+04	1.4129e+05	0.6995900	7.5791e-01	2.4209e-01
## 625	-0.19662000	2.8842e+05	2.2718e+05	0.6970400	2.4289e-01	7.5711e-01
## 626	0.15848000	3.2404e+05	2.7901e+05	0.6966000	7.5697e-01	2.4303e-01
## 627	-0.17783000	1.8657e+06	2.7953e+05	0.6963300	2.4311e-01	7.5689e-01
## 628	-0.24336000	2.3448e+05	1.4385e+05	0.6918000	2.4453e-01	7.5547e-01
## 629	-0.18015000	6.6353e+04	2.6752e+05	0.6911100	2.4475e-01	7.5525e-01
## 630	-0.15474000	2.3981e+05	3.6336e+05	0.6870100	2.4604e-01	7.5396e-01
## 631	-0.13478000	3.1883e+04	4.8612e+05	0.6865800	2.4617e-01	7.5383e-01
## 632	-0.13214000	1.9449e+06	5.0276e+05	0.6839700	2.4700e-01	7.5300e-01
## 633	-0.16495000	9.3547e+05	3.1432e+05	0.6838200	2.4704e-01	7.5296e-01
## 634	0.15404000	6.5370e+05	2.8590e+05	0.6834800	7.5285e-01	2.4715e-01
## 635	-0.13890000	3.7971e+05	4.4983e+05	0.6823600	2.4751e-01	7.5249e-01
## 636	0.16699000	9.2041e+05	2.3498e+05	0.6816200	7.5226e-01	2.4774e-01
## 637	-0.21143000	5.4287e+05	1.8546e+05	0.6808900	2.4797e-01	7.5203e-01
## 638	0.18630000	3.1929e+04	1.7794e+05	0.6758200	7.5042e-01	2.4958e-01
## 639	0.13760000	1.4136e+06	3.5593e+05	0.6697200	7.4848e-01	2.5152e-01
## 640	0.13289000	2.3979e+04	3.8271e+05	0.6671000	7.4765e-01	2.5235e-01
## 641	0.18587000	4.6817e+05	1.7288e+05	0.6655000	7.4713e-01	2.5287e-01
## 642	-0.12811000	1.4221e+06	5.0410e+05	0.6648500	2.5307e-01	7.4693e-01
## 643	0.13991000	1.3799e+05	3.3463e+05	0.6628900	7.4630e-01	2.5370e-01
## 644	-0.12770000	6.2136e+05	5.0027e+05	0.6605300	2.5446e-01	7.4554e-01
## 645	-0.19176000	1.1461e+03	2.0927e+05	0.6562900	2.5582e-01	7.4418e-01
## 646	-0.14822000	6.1204e+04	3.5600e+05	0.6535000	2.5672e-01	7.4328e-01
## 647	0.10423000	3.8981e+06	6.4134e+05	0.6531300	7.4316e-01	2.5684e-01
## 648	-0.14317000	4.9495e+05	3.8083e+05	0.6517300	2.5729e-01	7.4271e-01
## 649	-0.15595000	3.6640e+05	3.1658e+05	0.6505800	2.5766e-01	7.4234e-01
## 650	-0.14617000	6.5867e+05	3.5990e+05	0.6480400	2.5848e-01	7.4152e-01
## 651	-0.16220000	2.0725e+05	2.8727e+05	0.6463800	2.5902e-01	7.4098e-01
## 652	-0.15433000	5.1880e+05	3.1460e+05	0.6423400	2.6033e-01	7.3967e-01
## 653	-0.13491000	3.4846e+04	4.1723e+05	0.6416100	2.6056e-01	7.3944e-01
## 654	-0.12103000	3.3042e+06	5.2141e+05	0.6392200	2.6134e-01	7.3866e-01
## 655	0.13349000	8.1113e+05	3.4380e+05	0.6387900	7.3852e-01	2.6148e-01
## 656	-0.12669000	7.1453e+05	4.7055e+05	0.6377500	2.6182e-01	7.3818e-01
## 657	-0.17239000	3.6718e+05	2.4453e+05	0.6368700	2.6210e-01	7.3790e-01
## 658	0.12189000	3.5310e+05	4.1988e+05	0.6354300	7.3742e-01	2.6258e-01
## 659	-0.15272000	2.8710e+05	3.1232e+05	0.6339400	2.6306e-01	7.3694e-01
## 660	0.11394000	4.0524e+05	4.8795e+05	0.6336300	7.3684e-01	2.6316e-01
## 661	-0.14102000	2.8257e+05	3.6932e+05	0.6336200	2.6316e-01	7.3684e-01
## 662	0.14623000	1.1449e+05	2.7118e+05	0.6318500	7.3626e-01	2.6374e-01

## 663	0.18010000	1.0948e+05	1.6518e+05	0.6304900	7.3581e-01	2.6419e-01
## 664	-0.20149000	5.5363e+05	1.7035e+05	0.6267200	2.6542e-01	7.3458e-01
## 665	0.19398000	5.7004e+05	1.3606e+05	0.6255700	7.3420e-01	2.6580e-01
## 666	0.11459000	3.0363e+06	4.6469e+05	0.6235900	7.3355e-01	2.6645e-01
## 667	-0.13530000	6.3051e+04	3.8843e+05	0.6230700	2.6662e-01	7.3338e-01
## 668	0.14346000	1.8896e+05	2.7450e+05	0.6226700	7.3325e-01	2.6675e-01
## 669	-0.12486000	6.0513e+04	4.5733e+05	0.6209400	2.6732e-01	7.3268e-01
## 670	-0.12000000	2.4898e+06	4.9314e+05	0.6183400	2.6818e-01	7.3182e-01
## 671	-0.15510000	1.2426e+05	2.8546e+05	0.6178500	2.6834e-01	7.3166e-01
## 672	0.16745000	2.1210e+04	1.8362e+05	0.6119700	7.2972e-01	2.7028e-01
## 673	0.27150000	5.7581e+04	5.6936e+04	0.6091000	7.2832e-01	2.7168e-01
## 674	-0.11729000	5.5700e+05	4.9844e+05	0.6078400	2.7165e-01	7.2835e-01
## 675	-0.21421000	1.1244e+05	1.3992e+05	0.6073500	2.7181e-01	7.2819e-01
## 676	-0.11776000	5.5423e+05	4.9313e+05	0.6072400	2.7184e-01	7.2816e-01
## 677	0.14771000	7.4716e+05	2.3944e+05	0.6039000	7.2704e-01	2.7296e-01
## 678	-0.18976000	3.8509e+04	1.7754e+05	0.6036800	2.7303e-01	7.2697e-01
## 679	0.14367000	4.0997e+04	2.5518e+05	0.6035500	7.2693e-01	2.7307e-01
## 680	-0.10612000	1.2612e+06	6.0674e+05	0.6030100	2.7325e-01	7.2675e-01
## 681	0.19904000	2.5353e+05	1.1723e+05	0.6014900	7.2624e-01	2.7376e-01
## 682	0.19121000	1.1311e+05	1.2860e+05	0.6006400	7.2596e-01	2.7404e-01
## 683	-0.16646000	1.1598e+06	2.2808e+05	0.5972600	2.7517e-01	7.2483e-01
## 684	0.18474000	1.4808e+05	1.3730e+05	0.5962300	7.2449e-01	2.7551e-01
## 685	0.09810900	2.3239e+06	6.0152e+05	0.5960300	7.2442e-01	2.7558e-01
## 686	0.12144000	3.2873e+05	3.6416e+05	0.5937800	7.2367e-01	2.7633e-01
## 687	0.15629000	1.4129e+05	1.9965e+05	0.5907400	7.2265e-01	2.7735e-01
## 688	0.18592000	1.6317e+06	1.3224e+05	0.5902800	7.2249e-01	2.7751e-01
## 689	-0.13005000	2.0974e+05	3.7265e+05	0.5889100	2.7796e-01	7.2204e-01
## 690	-0.14007000	3.9364e+05	3.1560e+05	0.5866600	2.7872e-01	7.2128e-01
## 691	-0.10495000	5.9780e+05	5.8285e+05	0.5859300	2.7896e-01	7.2104e-01
## 692	-0.16341000	1.2025e+06	2.2627e+05	0.5848100	2.7934e-01	7.2066e-01
## 693	0.10085000	2.6245e+05	5.3261e+05	0.5806400	7.1926e-01	2.8074e-01
## 694	0.11475000	5.7650e+04	3.9274e+05	0.5790700	7.1873e-01	2.8127e-01
## 695	-0.12481000	2.5137e+05	3.9028e+05	0.5780700	2.8161e-01	7.1839e-01
## 696	-0.11810000	8.2748e+01	4.3833e+05	0.5775600	2.8178e-01	7.1822e-01
## 697	-0.20989000	4.6018e+04	1.2706e+05	0.5707900	2.8407e-01	7.1593e-01
## 698	0.12572000	1.6545e+04	3.0356e+05	0.5673400	7.1476e-01	2.8524e-01
## 699	0.21643000	1.2127e+05	8.3940e+04	0.5665400	7.1442e-01	2.8558e-01
## 700	0.14139000	5.9629e+05	2.2787e+05	0.5641100	7.1366e-01	2.8634e-01
## 701	0.13848000	6.1951e+05	2.3912e+05	0.5640100	7.1362e-01	2.8638e-01
## 702	0.18204000	1.4024e+05	1.2546e+05	0.5636800	7.1351e-01	2.8649e-01
## 703	0.11262000	2.1309e+05	3.8583e+05	0.5634100	7.1342e-01	2.8658e-01
## 704	0.12989000	1.4147e+06	2.7659e+05	0.5629900	7.1328e-01	2.8672e-01
## 705	0.11385000	4.7226e+05	3.6919e+05	0.5586500	7.1180e-01	2.8820e-01
## 706	0.11232000	5.7375e+05	3.8026e+05	0.5581900	7.1164e-01	2.8836e-01
## 707	-0.10591000	1.7323e+06	5.1212e+05	0.5577300	2.8851e-01	7.1149e-01
## 708	0.11828000	1.7232e+04	3.3655e+05	0.5575900	7.1144e-01	2.8856e-01
## 709	0.10770000	1.2385e+05	4.1580e+05	0.5562300	7.1097e-01	2.8903e-01
## 710	-0.11833000	5.5691e+04	3.9781e+05	0.5539800	2.8979e-01	7.1021e-01
## 711	-0.13543000	4.1706e+05	2.9353e+05	0.5499400	2.9118e-01	7.0882e-01
## 712	-0.12233000	4.2386e+05	3.6314e+05	0.5489800	2.9151e-01	7.0849e-01
## 713	-0.11942000	7.4431e+05	3.7288e+05	0.5428700	2.9361e-01	7.0639e-01
## 714	0.14732000	4.6761e+05	1.8873e+05	0.5412200	7.0582e-01	2.9418e-01
## 715	0.11146000	4.2494e+05	3.6053e+05	0.5406600	7.0563e-01	2.9437e-01
## 716	-0.12264000	4.4077e+05	3.4851e+05	0.5402700	2.9451e-01	7.0549e-01

## 717	-0.16788000	5.3982e+02	1.7830e+05	0.5390900	2.9491e-01	7.0509e-01
## 718	0.06673900	4.1558e+06	1.1581e+06	0.5381700	7.0477e-01	2.9523e-01
## 719	-0.15887000	1.4774e+06	1.9863e+05	0.5371200	2.9559e-01	7.0441e-01
## 720	0.12787000	4.3099e+05	2.5726e+05	0.5361500	7.0407e-01	2.9593e-01
## 721	-0.11555000	2.4952e+05	3.8843e+05	0.5357200	2.9608e-01	7.0392e-01
## 722	0.10670000	1.6043e+06	3.8887e+05	0.5345400	7.0352e-01	2.9648e-01
## 723	0.09560000	3.8211e+05	4.9495e+05	0.5316400	7.0251e-01	2.9749e-01
## 724	-0.13078000	7.5130e+04	2.8867e+05	0.5279300	2.9877e-01	7.0123e-01
## 725	-0.12750000	1.9803e+04	3.0458e+05	0.5278400	2.9881e-01	7.0119e-01
## 726	-0.10452000	3.4409e+05	4.6327e+05	0.5264400	2.9929e-01	7.0071e-01
## 727	0.09325900	7.9776e+05	5.1070e+05	0.5255300	7.0039e-01	2.9961e-01
## 728	-0.09807000	6.9383e+04	5.2882e+05	0.5253500	2.9967e-01	7.0033e-01
## 729	-0.12498000	1.3253e+06	3.1415e+05	0.5250800	2.9976e-01	7.0024e-01
## 730	-0.12026000	1.2999e+06	3.3969e+05	0.5241200	3.0010e-01	6.9990e-01
## 731	0.10620000	3.9155e+05	3.7560e+05	0.5237400	6.9977e-01	3.0023e-01
## 732	-0.11087000	1.6448e+05	3.9799e+05	0.5205000	3.0136e-01	6.9864e-01
## 733	0.13658000	2.1069e+05	2.0587e+05	0.5197400	6.9838e-01	3.0162e-01
## 734	0.11940000	1.4790e+06	2.7749e+05	0.5163700	6.9720e-01	3.0280e-01
## 735	-0.09523800	3.0317e+05	5.4178e+05	0.5162600	3.0284e-01	6.9716e-01
## 736	0.11901000	4.1461e+05	2.7281e+05	0.5107200	6.9523e-01	3.0477e-01
## 737	-0.10785000	5.2443e+05	4.0197e+05	0.5091000	3.0534e-01	6.9466e-01
## 738	0.11331000	1.7565e+05	3.0348e+05	0.5090400	6.9464e-01	3.0536e-01
## 739	0.08866200	2.2532e+03	5.3347e+05	0.5086900	6.9451e-01	3.0549e-01
## 740	0.13863000	8.9501e+04	1.8829e+05	0.5071900	6.9399e-01	3.0601e-01
## 741	-0.08279800	6.2972e+05	6.9976e+05	0.5056200	3.0656e-01	6.9344e-01
## 742	-0.11685000	4.4829e+05	3.3200e+05	0.5046700	3.0689e-01	6.9311e-01
## 743	0.09905800	4.5125e+04	4.0595e+05	0.5045800	6.9307e-01	3.0693e-01
## 744	-0.19760000	9.2791e+04	1.0926e+05	0.5043300	3.0701e-01	6.9299e-01
## 745	0.11234000	5.5453e+05	3.0146e+05	0.5030200	6.9253e-01	3.0747e-01
## 746	-0.14701000	8.3504e+04	2.0122e+05	0.5019300	3.0786e-01	6.9214e-01
## 747	0.10345000	2.0116e+05	3.6237e+05	0.5015100	6.9199e-01	3.0801e-01
## 748	0.08056800	6.1356e+05	6.3461e+05	0.4983000	6.9086e-01	3.0914e-01
## 749	0.11289000	1.2886e+05	2.8605e+05	0.4938100	6.8928e-01	3.1072e-01
## 750	0.08365100	5.4198e+04	5.6957e+05	0.4933900	6.8913e-01	3.1087e-01
## 751	-0.12607000	9.1420e+03	2.6802e+05	0.4930500	3.1099e-01	6.8901e-01
## 752	-0.09341700	5.5634e+06	5.0900e+05	0.4927100	3.1111e-01	6.8889e-01
## 753	-0.11243000	4.6053e+05	3.4144e+05	0.4924600	3.1120e-01	6.8880e-01
## 754	0.12450000	1.6291e+05	2.2652e+05	0.4924500	6.8880e-01	3.1120e-01
## 755	0.08287600	2.1006e+06	5.7164e+05	0.4894900	6.8775e-01	3.1225e-01
## 756	-0.09281200	1.8317e+04	5.0831e+05	0.4893200	3.1231e-01	6.8769e-01
## 757	0.11049000	4.7244e+04	2.9398e+05	0.4888500	6.8752e-01	3.1248e-01
## 758	0.11101000	3.6569e+04	2.9027e+05	0.4884700	6.8739e-01	3.1261e-01
## 759	0.09325500	6.3784e+04	4.3386e+05	0.4884100	6.8737e-01	3.1263e-01
## 760	-0.10968000	1.2952e+05	3.5141e+05	0.4871200	3.1309e-01	6.8691e-01
## 761	-0.14949000	1.0740e+05	1.8134e+05	0.4867200	3.1323e-01	6.8677e-01
## 762	-0.09153000	4.5175e+05	5.1685e+05	0.4864000	3.1334e-01	6.8666e-01
## 763	-0.11318000	4.5028e+05	3.2342e+05	0.4837100	3.1430e-01	6.8570e-01
## 764	0.13016000	4.6741e+05	1.9562e+05	0.4830200	6.8546e-01	3.1454e-01
## 765	0.08189800	3.9273e+05	5.7027e+05	0.4830200	6.8546e-01	3.1454e-01
## 766	-0.10989000	2.0095e+05	3.3954e+05	0.4805600	3.1541e-01	6.8459e-01
## 767	0.09083500	2.9597e+05	4.4331e+05	0.4799600	6.8437e-01	3.1563e-01
## 768	0.08964300	7.8921e+05	4.5485e+05	0.4789600	6.8402e-01	3.1598e-01
## 769	-0.36911000	5.2655e+04	1.9254e+04	0.4761900	3.1697e-01	6.8303e-01
## 770	-0.09061400	1.8016e+05	4.9587e+05	0.4728000	3.1818e-01	6.8182e-01

## 771	0.09127200	1.1008e+06	4.2364e+05	0.4726200	6.8176e-01	3.1824e-01
## 772	0.09924000	1.5059e+06	3.4625e+05	0.4706900	6.8107e-01	3.1893e-01
## 773	-0.10462000	4.9784e+04	3.5921e+05	0.4700600	3.1916e-01	6.8084e-01
## 774	0.09794200	3.4963e+03	3.5527e+05	0.4697200	6.8072e-01	3.1928e-01
## 775	-0.12037000	4.0118e+05	2.6468e+05	0.4690200	3.1953e-01	6.8047e-01
## 776	-0.08730600	3.9490e+05	5.2775e+05	0.4690000	3.1954e-01	6.8046e-01
## 777	-0.13687000	1.7538e+05	1.9816e+05	0.4657100	3.2071e-01	6.7929e-01
## 778	0.09307100	2.0024e+06	3.9111e+05	0.4652400	6.7912e-01	3.2088e-01
## 779	-0.08128700	3.0338e+05	5.9815e+05	0.4628700	3.2173e-01	6.7827e-01
## 780	0.10228000	4.1309e+05	3.0988e+05	0.4620200	6.7797e-01	3.2203e-01
## 781	0.07454700	1.5778e+05	6.3087e+05	0.4588800	6.7684e-01	3.2316e-01
## 782	0.08155200	5.1812e+05	5.1112e+05	0.4578500	6.7647e-01	3.2353e-01
## 783	-0.10043000	3.4811e+05	3.6244e+05	0.4537200	3.2501e-01	6.7499e-01
## 784	0.10004000	3.7087e+04	3.1159e+05	0.4526600	6.7460e-01	3.2540e-01
## 785	-0.10100000	6.9408e+05	3.5596e+05	0.4525200	3.2545e-01	6.7455e-01
## 786	0.10324000	2.1431e+06	2.8169e+05	0.4469800	6.7255e-01	3.2745e-01
## 787	-0.11532000	7.7829e+05	2.5834e+05	0.4452400	3.2807e-01	6.7193e-01
## 788	-0.08720100	2.9444e+06	4.5938e+05	0.4401600	3.2991e-01	6.7009e-01
## 789	-0.06010400	2.7908e+06	1.0186e+06	0.4378400	3.3075e-01	6.6925e-01
## 790	-0.13281000	1.1805e+06	1.8319e+05	0.4368600	3.3111e-01	6.6889e-01
## 791	0.10168000	4.4981e+05	2.7296e+05	0.4338300	6.6779e-01	3.3221e-01
## 792	0.10305000	1.2238e+06	2.6286e+05	0.4324800	6.6731e-01	3.3269e-01
## 793	-0.12522000	6.1974e+04	2.0238e+05	0.4318300	3.3293e-01	6.6707e-01
## 794	-0.12058000	1.9160e+05	2.1567e+05	0.4285700	3.3412e-01	6.6588e-01
## 795	-0.09826300	1.2477e+06	3.3199e+05	0.4270900	3.3466e-01	6.6534e-01
## 796	0.08533600	7.1431e+05	3.9080e+05	0.4252700	6.6468e-01	3.3532e-01
## 797	0.08202200	1.6780e+06	4.2772e+05	0.4251700	6.6464e-01	3.3536e-01
## 798	-0.09167400	1.0972e+05	3.7823e+05	0.4234200	3.3599e-01	6.6401e-01
## 799	0.08613400	2.4771e+04	3.7509e+05	0.4215300	6.6332e-01	3.3668e-01
## 800	0.09760000	8.5689e+05	2.8109e+05	0.4213200	6.6324e-01	3.3676e-01
## 801	0.11732000	3.6652e+04	1.8006e+05	0.4175800	6.6187e-01	3.3813e-01
## 802	0.09061300	5.3352e+05	3.2442e+05	0.4161400	6.6135e-01	3.3865e-01
## 803	-0.08839200	3.6322e+04	3.9264e+05	0.4156400	3.3884e-01	6.6116e-01
## 804	0.11509000	8.2575e+04	1.8548e+05	0.4148100	6.6086e-01	3.3914e-01
## 805	0.09450500	1.9051e+05	2.9226e+05	0.4147100	6.6082e-01	3.3918e-01
## 806	0.08686500	1.0280e+05	3.5151e+05	0.4130000	6.6020e-01	3.3980e-01
## 807	-0.10882000	9.3933e+05	2.4677e+05	0.4125000	3.3999e-01	6.6001e-01
## 808	-0.07983000	1.2795e+06	4.7784e+05	0.4111800	3.4047e-01	6.5953e-01
## 809	-0.09342100	1.7444e+05	3.3999e+05	0.4110900	3.4050e-01	6.5950e-01
## 810	-0.13900000	1.9248e+05	1.3551e+05	0.3985500	3.4511e-01	6.5489e-01
## 811	0.09874700	2.2646e+05	2.4143e+05	0.3983000	6.5480e-01	3.4520e-01
## 812	0.11397000	2.1119e+05	1.7325e+05	0.3982400	6.5477e-01	3.4523e-01
## 813	-0.05906000	1.5126e+05	8.5217e+05	0.3972500	3.4559e-01	6.5441e-01
## 814	0.13022000	5.1418e+05	1.2548e+05	0.3959600	6.5393e-01	3.4607e-01
## 815	-0.09199500	8.3503e+05	3.1784e+05	0.3929400	3.4718e-01	6.5282e-01
## 816	0.09761400	5.6138e+05	2.3912e+05	0.3918900	6.5243e-01	3.4757e-01
## 817	0.05676700	1.5775e+06	8.2464e+05	0.3916500	6.5234e-01	3.4766e-01
## 818	0.10479000	2.6539e+06	2.0208e+05	0.3910900	6.5213e-01	3.4787e-01
## 819	0.09226200	2.9488e+05	2.6674e+05	0.3883000	6.5110e-01	3.4890e-01
## 820	0.08838900	6.2905e+05	2.9131e+05	0.3864700	6.5043e-01	3.4957e-01
## 821	0.11224000	8.5894e+04	1.6567e+05	0.3841600	6.4957e-01	3.5043e-01
## 822	-0.09821800	2.4613e+05	2.6045e+05	0.3828400	3.5092e-01	6.4908e-01
## 823	0.06785400	2.1795e+04	5.1685e+05	0.3810300	6.4841e-01	3.5159e-01
## 824	0.09827400	5.5641e+05	2.2037e+05	0.3804200	6.4818e-01	3.5182e-01

## 825	-0.07489400	1.2865e+06	4.5547e+05	0.3781800	3.5265e-01	6.4735e-01
## 826	-0.07436900	8.8715e+04	4.6194e+05	0.3779800	3.5272e-01	6.4728e-01
## 827	-0.08566800	1.2853e+05	3.3803e+05	0.3770000	3.5309e-01	6.4691e-01
## 828	0.07397500	1.5560e+05	4.0975e+05	0.3750800	6.4620e-01	3.5380e-01
## 829	-0.10455000	9.8526e+04	2.1732e+05	0.3749100	3.5386e-01	6.4614e-01
## 830	0.09460000	1.2862e+05	2.3123e+05	0.3737200	6.4569e-01	3.5431e-01
## 831	0.06697600	1.1810e+05	4.9706e+05	0.3694500	6.4410e-01	3.5590e-01
## 832	-0.09458800	6.3469e+05	2.5545e+05	0.3659500	3.5720e-01	6.4280e-01
## 833	0.07278100	4.4756e+05	4.0218e+05	0.3658000	6.4274e-01	3.5726e-01
## 834	-0.08442100	5.9221e+04	3.2535e+05	0.3653400	3.5743e-01	6.4257e-01
## 835	0.09865800	4.7996e+05	1.9831e+05	0.3643100	6.4219e-01	3.5781e-01
## 836	-0.09412000	5.4877e+04	2.5496e+05	0.3638800	3.5797e-01	6.4203e-01
## 837	0.07324400	3.2456e+05	3.8858e+05	0.3625400	6.4153e-01	3.5847e-01
## 838	-0.08269900	2.8959e+05	3.2566e+05	0.3582600	3.6008e-01	6.3992e-01
## 839	0.18367000	2.6727e+04	4.4310e+04	0.3569700	6.3787e-01	3.6213e-01
## 840	-0.10941000	3.7983e+05	1.7539e+05	0.3557700	3.6100e-01	6.3900e-01
## 841	0.08129900	1.1254e+05	2.9190e+05	0.3549200	6.3867e-01	3.6133e-01
## 842	0.08560400	5.2827e+05	2.5351e+05	0.3513200	6.3733e-01	3.6267e-01
## 843	0.08369500	7.7267e+05	2.6682e+05	0.3512300	6.3729e-01	3.6271e-01
## 844	0.08180500	8.9573e+05	2.7460e+05	0.3475200	6.3590e-01	3.6410e-01
## 845	-0.06687900	8.9905e+05	4.5999e+05	0.3401500	3.6687e-01	6.3313e-01
## 846	-0.07320300	8.9360e+04	3.7671e+05	0.3396400	3.6706e-01	6.3294e-01
## 847	0.06824500	3.9509e+05	3.9249e+05	0.3387300	6.3259e-01	3.6741e-01
## 848	0.06866400	3.8380e+05	3.7858e+05	0.3353800	6.3133e-01	3.6867e-01
## 849	-0.13649000	4.9684e+05	9.2341e+04	0.3300100	3.7070e-01	6.2930e-01
## 850	0.07098400	3.7646e+05	3.3253e+05	0.3273700	6.2831e-01	3.7169e-01
## 851	0.06981200	1.0273e+05	3.4511e+05	0.3272400	6.2826e-01	3.7174e-01
## 852	0.08130100	1.2156e+05	2.4280e+05	0.3267700	6.2808e-01	3.7192e-01
## 853	-0.06927800	1.8778e+05	3.8350e+05	0.3244600	3.7279e-01	6.2721e-01
## 854	0.07116300	6.8721e+05	3.1940e+05	0.3223400	6.2640e-01	3.7360e-01
## 855	-0.11384000	5.3034e+04	1.2689e+05	0.3196800	3.7461e-01	6.2539e-01
## 856	0.07642500	1.9405e+06	2.6597e+05	0.3194500	6.2531e-01	3.7469e-01
## 857	0.06578800	1.7293e+05	3.7415e+05	0.3193200	6.2526e-01	3.7474e-01
## 858	-0.06021200	7.0203e+05	4.9731e+05	0.3178800	3.7529e-01	6.2471e-01
## 859	-0.08971300	1.1961e+06	2.0834e+05	0.3172700	3.7552e-01	6.2448e-01
## 860	-0.08578700	2.3655e+05	2.2903e+05	0.3169900	3.7563e-01	6.2437e-01
## 861	0.05859400	1.4526e+05	4.7381e+05	0.3154100	6.2378e-01	3.7622e-01
## 862	-0.06380900	5.5384e+05	4.3041e+05	0.3153300	3.7626e-01	6.2374e-01
## 863	0.07323100	2.7009e+05	2.8429e+05	0.3150400	6.2363e-01	3.7637e-01
## 864	0.07790200	7.6582e+05	2.4642e+05	0.3148200	6.2355e-01	3.7645e-01
## 865	-0.07595400	1.8683e+05	2.8161e+05	0.3089700	3.7867e-01	6.2133e-01
## 866	-0.08241200	1.0572e+05	2.3578e+05	0.3088700	3.7871e-01	6.2129e-01
## 867	-0.09582300	2.9353e+05	1.6984e+05	0.3085600	3.7883e-01	6.2117e-01
## 868	0.05022200	3.3619e+05	6.3403e+05	0.3072200	6.2066e-01	3.7934e-01
## 869	0.05654100	4.1312e+06	4.8095e+05	0.3061900	6.2027e-01	3.7973e-01
## 870	-0.07093200	7.0036e+05	3.1982e+05	0.3060300	3.7979e-01	6.2021e-01
## 871	0.05509100	8.0143e+04	5.0779e+05	0.3055500	6.2003e-01	3.7997e-01
## 872	-0.07462300	2.1762e+05	2.8523e+05	0.3054400	3.8001e-01	6.1999e-01
## 873	-0.07049300	1.1610e+06	3.2123e+05	0.3047800	3.8027e-01	6.1973e-01
## 874	0.06579700	1.1184e+05	3.2924e+05	0.3015500	6.1850e-01	3.8150e-01
## 875	-0.05026600	2.5645e+06	6.5208e+05	0.3007300	3.8181e-01	6.1819e-01
## 876	0.07174500	1.2572e+05	2.6603e+05	0.2994300	6.1769e-01	3.8231e-01
## 877	0.06034500	4.1086e+05	3.8380e+05	0.2957100	6.1627e-01	3.8373e-01
## 878	-0.05796300	8.9460e+04	4.4967e+05	0.2927100	3.8487e-01	6.1513e-01

## 879	0.07144500	2.1071e+05	2.5510e+05	0.2925800	6.1508e-01	3.8492e-01
## 880	-0.05754400	4.3569e+05	4.5511e+05	0.2922100	3.8506e-01	6.1494e-01
## 881	-0.05195900	5.3960e+05	5.5520e+05	0.2890400	3.8628e-01	6.1372e-01
## 882	-0.10225000	5.2784e+03	1.2582e+05	0.2871800	3.8699e-01	6.1301e-01
## 883	-0.05927000	1.3192e+06	4.0975e+05	0.2869500	3.8708e-01	6.1292e-01
## 884	-0.05935100	6.9431e+04	4.0455e+05	0.2856900	3.8756e-01	6.1244e-01
## 885	-0.06776000	2.3775e+05	2.9261e+05	0.2812100	3.8928e-01	6.1072e-01
## 886	-0.07055100	2.8214e+03	2.6782e+05	0.2811200	3.8931e-01	6.1069e-01
## 887	0.06981600	5.5608e+05	2.4587e+05	0.2810600	6.1067e-01	3.8933e-01
## 888	-0.04390800	4.2695e+05	7.4386e+05	0.2793000	3.9001e-01	6.0999e-01
## 889	0.05660700	5.0283e+05	3.9019e+05	0.2790900	6.0991e-01	3.9009e-01
## 890	0.07207300	7.3310e+05	2.2318e+05	0.2780300	6.0950e-01	3.9050e-01
## 891	-0.05863600	5.5962e+05	3.8655e+05	0.2766100	3.9104e-01	6.0896e-01
## 892	-0.05311000	1.0729e+06	4.7162e+05	0.2744600	3.9186e-01	6.0814e-01
## 893	-0.05424900	5.6389e+05	4.2537e+05	0.2675500	3.9452e-01	6.0548e-01
## 894	0.04736400	2.4442e+06	5.3204e+05	0.2675300	6.0547e-01	3.9453e-01
## 895	-0.05315600	1.6617e+05	4.3979e+05	0.2662100	3.9504e-01	6.0496e-01
## 896	0.05403500	1.6199e+06	3.8034e+05	0.2631300	6.0377e-01	3.9623e-01
## 897	-0.07447900	8.0544e+05	1.9846e+05	0.2590700	3.9779e-01	6.0221e-01
## 898	0.05086800	7.5705e+05	4.1873e+05	0.2583500	6.0193e-01	3.9807e-01
## 899	0.05049700	5.5822e+06	4.1850e+05	0.2563700	6.0117e-01	3.9883e-01
## 900	0.05222300	3.6142e+05	3.8289e+05	0.2549100	6.0060e-01	3.9940e-01
## 901	0.04877600	4.5464e+05	4.2375e+05	0.2488700	5.9827e-01	4.0173e-01
## 902	-0.09309200	6.3398e+05	1.0904e+05	0.2460100	4.0284e-01	5.9716e-01
## 903	-0.06790400	5.9720e+04	2.1091e+05	0.2432900	4.0389e-01	5.9611e-01
## 904	-0.05346800	3.8645e+05	3.5403e+05	0.2429000	4.0404e-01	5.9596e-01
## 905	0.12203000	5.1321e+04	4.9038e+04	0.2428500	5.9472e-01	4.0528e-01
## 906	0.08301300	3.1628e+04	1.1826e+05	0.2417600	5.9551e-01	4.0449e-01
## 907	-0.05432500	3.0447e+05	3.3786e+05	0.2416000	4.0455e-01	5.9545e-01
## 908	0.04076400	1.2405e+05	5.8031e+05	0.2388600	5.9439e-01	4.0561e-01
## 909	0.05916200	1.3116e+05	2.4127e+05	0.2352800	5.9301e-01	4.0699e-01
## 910	0.06298400	2.5547e+05	2.0808e+05	0.2347000	5.9278e-01	4.0722e-01
## 911	0.08010000	2.8655e+04	1.1843e+05	0.2331900	5.9218e-01	4.0782e-01
## 912	0.05435700	4.3560e+05	2.7115e+05	0.2274200	5.8995e-01	4.1005e-01
## 913	0.04503700	5.6527e+05	4.1224e+05	0.2266800	5.8966e-01	4.1034e-01
## 914	-0.04131400	1.7142e+06	5.3075e+05	0.2260500	4.1058e-01	5.8942e-01
## 915	0.04594600	2.7426e+05	3.8544e+05	0.2244500	5.8880e-01	4.1120e-01
## 916	-0.04924300	4.6762e+05	3.5033e+05	0.2229800	4.1177e-01	5.8823e-01
## 917	-0.07242600	4.0932e+05	1.4992e+05	0.2223000	4.1204e-01	5.8796e-01
## 918	-0.06093200	1.2955e+05	2.0995e+05	0.2183900	4.1356e-01	5.8644e-01
## 919	-0.06359000	3.9553e+06	1.8865e+05	0.2170300	4.1409e-01	5.8591e-01
## 920	0.04195500	1.0308e+06	4.3915e+05	0.2170100	5.8590e-01	4.1410e-01
## 921	0.08145000	3.2322e+05	9.4713e+04	0.2146100	5.8492e-01	4.1508e-01
## 922	-0.04062900	6.7595e+04	4.7290e+05	0.2111300	4.1639e-01	5.8361e-01
## 923	-0.05886400	6.1968e+05	2.0886e+05	0.2106300	4.1659e-01	5.8341e-01
## 924	-0.04636300	1.3617e+05	3.4367e+05	0.2083500	4.1748e-01	5.8252e-01
## 925	0.04156500	2.5104e+04	4.0594e+05	0.2075100	5.8219e-01	4.1781e-01
## 926	-0.04710800	2.6551e+05	3.2864e+05	0.2074300	4.1784e-01	5.8216e-01
## 927	0.05214700	8.1911e+04	2.3676e+05	0.2051400	5.8127e-01	4.1873e-01
## 928	0.09362900	2.1909e+04	6.1777e+04	0.2045800	5.8056e-01	4.1944e-01
## 929	-0.04402200	3.6197e+05	3.5754e+05	0.2015300	4.2014e-01	5.7986e-01
## 930	-0.05189000	5.5692e+05	2.4389e+05	0.1995400	4.2092e-01	5.7908e-01
## 931	-0.04728600	6.2118e+04	2.8507e+05	0.1953300	4.2257e-01	5.7743e-01
## 932	-0.04264100	9.5177e+05	3.5356e+05	0.1943300	4.2296e-01	5.7704e-01

## 933	-0.03660700	2.2241e+06	4.7951e+05	0.1916800	4.2400e-01	5.7600e-01
## 934	-0.03811400	2.5914e+06	4.1972e+05	0.1878900	4.2548e-01	5.7452e-01
## 935	-0.04121400	5.7160e+05	3.4478e+05	0.1858000	4.2630e-01	5.7370e-01
## 936	0.03732900	4.9358e+06	3.9980e+05	0.1848200	5.7331e-01	4.2669e-01
## 937	-0.04604800	2.4051e+05	2.6114e+05	0.1829500	4.2742e-01	5.7258e-01
## 938	-0.04281800	1.1440e+05	3.0094e+05	0.1815000	4.2799e-01	5.7201e-01
## 939	-0.03665000	2.3080e+04	4.1292e+05	0.1794500	4.2879e-01	5.7121e-01
## 940	-0.05460100	9.5873e+04	1.7144e+05	0.1790700	4.2894e-01	5.7106e-01
## 941	0.03695700	3.0600e+05	3.7991e+05	0.1788100	5.7096e-01	4.2904e-01
## 942	-0.04029800	1.3271e+06	3.2827e+05	0.1777800	4.2945e-01	5.7055e-01
## 943	-0.04061300	1.5249e+05	3.1480e+05	0.1758100	4.3022e-01	5.6978e-01
## 944	-0.03927000	2.2880e+04	3.2559e+05	0.1726600	4.3146e-01	5.6854e-01
## 945	0.04060100	1.0946e+06	2.6653e+05	0.1677600	5.6661e-01	4.3339e-01
## 946	-0.06857800	3.5832e+04	8.2576e+04	0.1616800	4.3578e-01	5.6422e-01
## 947	0.03765800	6.0205e+05	2.8377e+05	0.1598700	5.6351e-01	4.3649e-01
## 948	-0.02875300	1.7255e+05	5.2117e+05	0.1567200	4.3773e-01	5.6227e-01
## 949	-0.03230000	6.4702e+04	4.0024e+05	0.1561800	4.3794e-01	5.6206e-01
## 950	-0.03778300	2.5803e+05	2.8178e+05	0.1557700	4.3811e-01	5.6189e-01
## 951	-0.03690100	1.4597e+05	2.9408e+05	0.1551300	4.3836e-01	5.6164e-01
## 952	0.03250000	1.6278e+06	3.6060e+05	0.1533700	5.6095e-01	4.3905e-01
## 953	0.05548500	6.2001e+05	1.0670e+05	0.1528300	5.6071e-01	4.3929e-01
## 954	-0.04220300	4.2829e+05	2.0189e+05	0.1495900	4.4054e-01	5.5946e-01
## 955	0.03128400	3.8886e+05	3.7130e+05	0.1495100	5.5943e-01	4.4057e-01
## 956	-0.03616300	3.8768e+04	2.7789e+05	0.1482500	4.4107e-01	5.5893e-01
## 957	-0.03544500	1.4456e+05	2.8327e+05	0.1466000	4.4172e-01	5.5828e-01
## 958	0.03273100	3.2469e+05	2.7421e+05	0.1366000	5.5433e-01	4.4567e-01
## 959	-0.03530100	6.3204e+04	2.3423e+05	0.1340700	4.4667e-01	5.5333e-01
## 960	-0.03993000	1.8977e+05	1.7413e+05	0.1325500	4.4728e-01	5.5272e-01
## 961	-0.04089700	6.0617e+04	1.5865e+05	0.1301600	4.4822e-01	5.5178e-01
## 962	0.03650500	7.7744e+04	1.8802e+05	0.1287900	5.5124e-01	4.4876e-01
## 963	-0.02737700	4.6124e+04	3.6022e+05	0.1264800	4.4968e-01	5.5032e-01
## 964	-0.03836300	7.6978e+05	1.5663e+05	0.1215000	4.5165e-01	5.4835e-01
## 965	-0.02757100	9.5161e+05	3.1350e+05	0.1196700	4.5237e-01	5.4763e-01
## 966	-0.02422000	1.3868e+06	3.8865e+05	0.1159000	4.5387e-01	5.4613e-01
## 967	-0.03966100	1.7473e+05	1.1483e+05	0.1092700	4.5649e-01	5.4351e-01
## 968	0.02784300	2.0804e+05	2.3587e+05	0.1084200	5.4317e-01	4.5683e-01
## 969	-0.03219300	5.3846e+05	1.7533e+05	0.1074800	4.5720e-01	5.4280e-01
## 970	-0.04239100	1.0268e+05	8.6953e+04	0.1032300	4.5889e-01	5.4111e-01
## 971	-0.02940000	1.8245e+06	1.8597e+05	0.1008800	4.5982e-01	5.4018e-01
## 972	0.02593100	1.9089e+05	2.3093e+05	0.0999570	5.3981e-01	4.6019e-01
## 973	-0.02044100	8.7528e+03	3.7094e+05	0.0959170	4.6179e-01	5.3821e-01
## 974	-0.01526000	5.4514e+05	6.9666e+05	0.0951890	4.6208e-01	5.3792e-01
## 975	0.02028400	1.0044e+06	3.5622e+05	0.0947920	5.3776e-01	4.6224e-01
## 976	-0.01694400	2.1030e+05	5.0784e+05	0.0916600	4.6348e-01	5.3652e-01
## 977	-0.02366200	2.5762e+05	2.2846e+05	0.0892230	4.6445e-01	5.3555e-01
## 978	0.02694000	2.3511e+05	1.6428e+05	0.0891620	5.3552e-01	4.6448e-01
## 979	0.01713500	5.4538e+05	4.4721e+05	0.0885910	5.3530e-01	4.6470e-01
## 980	0.01964700	2.5301e+05	3.2756e+05	0.0884030	5.3522e-01	4.6478e-01
## 981	-0.01534200	1.0781e+06	4.8489e+05	0.0813310	4.6759e-01	5.3241e-01
## 982	-0.01658900	1.2057e+06	3.9475e+05	0.0801540	4.6806e-01	5.3194e-01
## 983	0.01579200	3.0007e+05	4.2916e+05	0.0801130	5.3193e-01	4.6807e-01
## 984	0.01304500	2.3241e+04	5.6874e+05	0.0750250	5.2990e-01	4.7010e-01
## 985	0.01651000	3.2837e+05	3.3410e+05	0.0748690	5.2984e-01	4.7016e-01
## 986	-0.02137900	7.7839e+04	1.8032e+05	0.0725520	4.7108e-01	5.2892e-01

## 987	0.01670000	1.8434e+05	2.9946e+05	0.0721030	5.2874e-01	4.7126e-01
## 988	-0.01689400	1.1886e+06	2.9304e+05	0.0713990	4.7154e-01	5.2846e-01
## 989	0.01930300	2.1665e+06	1.9973e+05	0.0695540	5.2773e-01	4.7227e-01
## 990	-0.01243100	3.9254e+04	5.1761e+05	0.0679290	4.7292e-01	5.2708e-01
## 991	-0.01743200	6.9646e+04	2.2303e+05	0.0651650	4.7402e-01	5.2598e-01
## 992	0.01425600	9.1091e+05	3.3820e+05	0.0649520	5.2589e-01	4.7411e-01
## 993	-0.01121400	2.2092e+05	4.9731e+05	0.0602130	4.7599e-01	5.2401e-01
## 994	0.01735200	1.3308e+05	1.7765e+05	0.0592830	5.2364e-01	4.7636e-01
## 995	-0.01456200	5.3730e+04	2.6345e+05	0.0587190	4.7659e-01	5.2341e-01
## 996	-0.02900000	2.6153e+04	3.8601e+04	0.0581440	4.7682e-01	5.2318e-01
## 997	0.01262400	2.8343e+05	3.2063e+05	0.0561230	5.2238e-01	4.7762e-01
## 998	0.01128100	3.8467e+05	4.0421e+05	0.0556240	5.2218e-01	4.7782e-01
## 999	-0.01239100	4.0177e+05	3.2676e+05	0.0550780	4.7804e-01	5.2196e-01
## 1000	0.01708900	3.5035e+04	1.4234e+05	0.0528530	5.2107e-01	4.7893e-01
## 1001	0.01116700	2.1330e+06	3.4912e+05	0.0515540	5.2056e-01	4.7944e-01
## 1002	-0.01365000	9.3687e+05	2.1524e+05	0.0502880	4.7995e-01	5.2005e-01
## 1003	0.01226600	8.4640e+04	2.2558e+05	0.0465660	5.1857e-01	4.8143e-01
## 1004	0.00994460	2.0047e+05	3.1484e+05	0.0438100	5.1747e-01	4.8253e-01
## 1005	-0.01178600	1.4801e+05	2.1593e+05	0.0435080	4.8265e-01	5.1735e-01
## 1006	0.00697150	2.3969e+06	5.7852e+05	0.0403170	5.1608e-01	4.8392e-01
## 1007	-0.00827110	7.1139e+05	3.9970e+05	0.0403030	4.8393e-01	5.1607e-01
## 1008	-0.00715840	3.7718e+05	3.5196e+05	0.0329580	4.8685e-01	5.1315e-01
## 1009	0.00900750	4.5165e+04	1.8125e+05	0.0309620	5.1235e-01	4.8765e-01
## 1010	-0.00570870	1.1025e+05	4.3853e+05	0.0290250	4.8842e-01	5.1158e-01
## 1011	0.00815050	4.6296e+03	1.8709e+05	0.0284090	5.1133e-01	4.8867e-01
## 1012	0.00544920	2.1418e+04	4.5242e+05	0.0282050	5.1125e-01	4.8875e-01
## 1013	-0.00643880	3.2702e+05	3.1337e+05	0.0281460	4.8877e-01	5.1123e-01
## 1014	0.01202500	3.7449e+04	5.5832e+04	0.0244050	5.0885e-01	4.9115e-01
## 1015	-0.00521180	6.3490e+03	3.6063e+05	0.0242750	4.9032e-01	5.0968e-01
## 1016	-0.00614050	2.3597e+05	2.4047e+05	0.0238370	4.9049e-01	5.0951e-01
## 1017	-0.00554440	2.2237e+05	2.7280e+05	0.0227810	4.9091e-01	5.0909e-01
## 1018	-0.00300180	2.9845e+06	5.7723e+05	0.0172820	4.9311e-01	5.0689e-01
## 1019	-0.00308810	2.3655e+05	1.8076e+05	0.0105580	4.9579e-01	5.0421e-01
## 1020	-0.00200180	1.7562e+05	4.2446e+05	0.0100430	4.9599e-01	5.0401e-01
## 1021	-0.00269180	1.0251e+05	9.8304e+04	0.0071132	4.9716e-01	5.0284e-01
## 1022	-0.00148830	6.7760e+05	3.2913e+05	0.0066618	4.9734e-01	5.0266e-01
## 1023	-0.00137890	1.1356e+05	3.6125e+05	0.0064357	4.9743e-01	5.0257e-01
## 1024	0.00082241	6.8195e+04	3.2374e+05	0.0036571	5.0146e-01	4.9854e-01
## 1025	0.00040840	4.0348e+05	2.3355e+05	0.0015683	5.0063e-01	4.9937e-01
## 1026	0.00028977	1.2441e+06	3.5356e+05	0.0013403	5.0053e-01	4.9947e-01
##	p.twosided	FDR high_in_treatment				
## 1	9.2401e-33	3.5981e-31		True		
## 2	3.1802e-22	9.6259e-21		False		
## 3	1.2064e-20	3.4370e-19		True		
## 4	1.8277e-17	4.6155e-16		True		
## 5	9.7706e-15	2.1628e-13		True		
## 6	1.4326e-14	3.1451e-13		True		
## 7	1.1925e-13	2.4587e-12		True		
## 8	1.6897e-13	3.4537e-12		False		
## 9	7.7066e-11	1.3072e-09		True		
## 10	1.9223e-10	3.1798e-09		True		
## 11	1.0769e-09	1.6824e-08		True		
## 12	6.7786e-09	9.9621e-08		True		
## 13	1.0366e-08	1.4926e-07		True		

## 14	1.2348e-08	1.7660e-07	False
## 15	2.9735e-08	4.1042e-07	True
## 16	1.0145e-07	1.3298e-06	False
## 17	3.7731e-07	4.6272e-06	True
## 18	4.1962e-07	5.1196e-06	True
## 19	5.0745e-07	6.1351e-06	True
## 20	6.5983e-07	7.8365e-06	True
## 21	1.2944e-06	1.4739e-05	True
## 22	1.8345e-06	2.0506e-05	True
## 23	6.0051e-06	6.2187e-05	True
## 24	6.5230e-06	6.7308e-05	True
## 25	2.1275e-05	2.0349e-04	True
## 26	2.6646e-05	2.5148e-04	True
## 27	3.8799e-05	3.5764e-04	True
## 28	4.0615e-05	3.7357e-04	True
## 29	6.5126e-05	5.7403e-04	True
## 30	7.6599e-05	6.6716e-04	False
## 31	8.3947e-05	7.2378e-04	True
## 32	9.3311e-05	7.9742e-04	False
## 33	1.4133e-04	1.1627e-03	False
## 34	1.4615e-04	1.1991e-03	True
## 35	1.6595e-04	1.3475e-03	True
## 36	1.6956e-04	1.3731e-03	True
## 37	1.7735e-04	1.4302e-03	False
## 38	2.8979e-04	2.2284e-03	True
## 39	3.4832e-04	2.6255e-03	True
## 40	3.7703e-04	2.8190e-03	True
## 41	3.8950e-04	2.9072e-03	True
## 42	4.0565e-04	3.0172e-03	True
## 43	4.3136e-04	3.1905e-03	True
## 44	4.4576e-04	3.2869e-03	False
## 45	4.6361e-04	3.4079e-03	False
## 46	5.7564e-04	4.1276e-03	False
## 47	5.8451e-04	4.1869e-03	True
## 48	6.0754e-04	4.3344e-03	False
## 49	8.5373e-04	5.8634e-03	False
## 50	9.3769e-04	6.3562e-03	True
## 51	1.0175e-03	6.8407e-03	True
## 52	1.0303e-03	6.9227e-03	True
## 53	1.0438e-03	6.9975e-03	True
## 54	1.1804e-03	7.7983e-03	False
## 55	1.2314e-03	8.0926e-03	True
## 56	1.2587e-03	8.2439e-03	True
## 57	1.3967e-03	9.0410e-03	True
## 58	1.4584e-03	9.3823e-03	True
## 59	1.6383e-03	1.0372e-02	False
## 60	1.9197e-03	1.1936e-02	False
## 61	2.0583e-03	1.2650e-02	False
## 62	2.0753e-03	1.2740e-02	False
## 63	2.4921e-03	1.4984e-02	True
## 64	2.5211e-03	1.5129e-02	True
## 65	2.5499e-03	1.5266e-02	False
## 66	2.5535e-03	1.5280e-02	True
## 67	2.8623e-03	1.6831e-02	True

## 68	2.5789e-03	1.5411e-02	True
## 69	2.8624e-03	1.6831e-02	False
## 70	3.4124e-03	1.9527e-02	False
## 71	3.7353e-03	2.1060e-02	False
## 72	3.8594e-03	2.1644e-02	False
## 73	4.1084e-03	2.2860e-02	False
## 74	4.3912e-03	2.4186e-02	True
## 75	4.8669e-03	2.6359e-02	False
## 76	5.0673e-03	2.7224e-02	True
## 77	5.4536e-03	2.8963e-02	False
## 78	5.8809e-03	3.0773e-02	False
## 79	6.0850e-03	3.1632e-02	True
## 80	6.3405e-03	3.2816e-02	True
## 81	6.4892e-03	3.3431e-02	True
## 82	7.0275e-03	3.5645e-02	False
## 83	7.0922e-03	3.5922e-02	True
## 84	7.2142e-03	3.6376e-02	False
## 85	7.2765e-03	3.6630e-02	True
## 86	7.3919e-03	3.7097e-02	False
## 87	7.4919e-03	3.7522e-02	True
## 88	8.0650e-03	3.9727e-02	True
## 89	9.0780e-03	4.3857e-02	True
## 90	9.2166e-03	4.4426e-02	False
## 91	9.3691e-03	4.4978e-02	False
## 92	9.5040e-03	4.5503e-02	True
## 93	9.8986e-03	4.7149e-02	True
## 94	1.0521e-02	4.9449e-02	False
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## 97	1.2527e-02	5.6938e-02	False
## 98	1.3293e-02	5.9707e-02	False
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## 100	1.4496e-02	6.4150e-02	False
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## 103	1.5758e-02	6.8612e-02	True
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## 105	1.6939e-02	7.2816e-02	True
## 106	1.7741e-02	7.5623e-02	True
## 107	1.8492e-02	7.8264e-02	False
## 108	1.8793e-02	7.9267e-02	False
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## 111	2.1410e-02	8.7640e-02	False
## 112	2.1542e-02	8.8013e-02	False
## 113	2.1618e-02	8.8255e-02	False
## 114	2.1832e-02	8.8940e-02	True
## 115	2.1963e-02	8.9305e-02	False
## 116	2.2702e-02	9.1748e-02	True
## 117	2.2742e-02	9.1851e-02	False
## 118	2.3826e-02	9.5014e-02	False
## 119	2.3914e-02	9.5278e-02	False
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## 121	2.5294e-02	9.9311e-02	False

## 122	2.5399e-02	9.9648e-02	True
## 123	2.6249e-02	1.0212e-01	False
## 124	2.7040e-02	1.0457e-01	False
## 125	2.7291e-02	1.0541e-01	True
## 126	2.7950e-02	1.0741e-01	False
## 127	2.8028e-02	1.0766e-01	True
## 128	2.8853e-02	1.1003e-01	False
## 129	2.9080e-02	1.1069e-01	True
## 130	2.9333e-02	1.1132e-01	True
## 131	3.0012e-02	1.1339e-01	False
## 132	3.0167e-02	1.1387e-01	True
## 133	3.0291e-02	1.1420e-01	True
## 134	3.2246e-02	1.1984e-01	False
## 135	3.2283e-02	1.1991e-01	True
## 136	3.2829e-02	1.2145e-01	False
## 137	3.2951e-02	1.2172e-01	True
## 138	3.3033e-02	1.2195e-01	False
## 139	3.3055e-02	1.2199e-01	False
## 140	3.3143e-02	1.2223e-01	True
## 141	3.3361e-02	1.2274e-01	False
## 142	3.3614e-02	1.2344e-01	True
## 143	3.4101e-02	1.2456e-01	True
## 144	3.4743e-02	1.2643e-01	True
## 145	3.5036e-02	1.2719e-01	True
## 146	3.5090e-02	1.2737e-01	False
## 147	3.5176e-02	1.2765e-01	True
## 148	3.5459e-02	1.2849e-01	True
## 149	3.6225e-02	1.3071e-01	True
## 150	3.6662e-02	1.3176e-01	True
## 151	3.7210e-02	1.3327e-01	True
## 152	3.7959e-02	1.3511e-01	False
## 153	3.9441e-02	1.3896e-01	False
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## 155	4.2368e-02	1.4624e-01	True
## 156	4.2944e-02	1.4771e-01	True
## 157	4.5183e-02	1.5355e-01	True
## 158	4.5223e-02	1.5362e-01	False
## 159	4.5223e-02	1.5362e-01	True
## 160	4.5578e-02	1.5433e-01	True
## 161	4.7171e-02	1.5819e-01	False
## 162	4.8595e-02	1.6178e-01	False
## 163	4.9176e-02	1.6330e-01	False
## 164	4.9439e-02	1.6382e-01	True
## 165	5.0169e-02	1.6572e-01	True
## 166	5.0707e-02	1.6709e-01	False
## 167	5.1756e-02	1.6962e-01	False
## 168	5.1774e-02	1.6966e-01	False
## 169	5.2312e-02	1.7079e-01	False
## 170	5.3797e-02	1.7450e-01	True
## 171	5.4090e-02	1.7515e-01	True
## 172	5.6230e-02	1.8041e-01	False
## 173	5.6285e-02	1.8045e-01	True
## 174	5.6513e-02	1.8104e-01	True
## 175	5.7080e-02	1.8239e-01	False

## 176	5.7279e-02	1.8284e-01	False
## 177	5.7785e-02	1.8388e-01	False
## 178	5.9975e-02	1.8875e-01	False
## 179	6.0345e-02	1.8959e-01	False
## 180	6.0620e-02	1.9023e-01	True
## 181	6.0842e-02	1.9073e-01	True
## 182	6.1252e-02	1.9157e-01	False
## 183	6.1289e-02	1.9165e-01	False
## 184	6.1394e-02	1.9189e-01	True
## 185	6.2044e-02	1.9325e-01	False
## 186	6.2780e-02	1.9486e-01	False
## 187	6.3847e-02	1.9743e-01	True
## 188	6.5175e-02	2.0043e-01	True
## 189	6.6120e-02	2.0258e-01	False
## 190	6.6451e-02	2.0327e-01	True
## 191	6.7212e-02	2.0518e-01	True
## 192	6.7230e-02	2.0518e-01	False
## 193	6.7524e-02	2.0586e-01	False
## 194	6.7683e-02	2.0623e-01	True
## 195	6.7796e-02	2.0647e-01	True
## 196	6.8066e-02	2.0708e-01	True
## 197	6.8121e-02	2.0722e-01	False
## 198	6.8341e-02	2.0766e-01	True
## 199	6.8515e-02	2.0800e-01	True
## 200	6.8546e-02	2.0801e-01	False
## 201	6.9597e-02	2.1036e-01	False
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## 204	7.3352e-02	2.1779e-01	True
## 205	7.4288e-02	2.2005e-01	True
## 206	7.4449e-02	2.2037e-01	True
## 207	7.5976e-02	2.2359e-01	False
## 208	7.7349e-02	2.2611e-01	True
## 209	7.8473e-02	2.2861e-01	True
## 210	7.8747e-02	2.2919e-01	True
## 211	8.0869e-02	2.3354e-01	False
## 212	8.1464e-02	2.3473e-01	False
## 213	8.2732e-02	2.3751e-01	False
## 214	8.3991e-02	2.3987e-01	False
## 215	8.4965e-02	2.4187e-01	True
## 216	8.5797e-02	2.4365e-01	False
## 217	8.6013e-02	2.4401e-01	False
## 218	8.7851e-02	2.4735e-01	True
## 219	8.8016e-02	2.4768e-01	False
## 220	8.8118e-02	2.4787e-01	True
## 221	8.8615e-02	2.4881e-01	True
## 222	8.8782e-02	2.4912e-01	True
## 223	8.9084e-02	2.4977e-01	True
## 224	9.1335e-02	2.5443e-01	False
## 225	9.1505e-02	2.5456e-01	False
## 226	9.3757e-02	2.5868e-01	False
## 227	9.4222e-02	2.5950e-01	True
## 228	9.4452e-02	2.6007e-01	True
## 229	9.4582e-02	2.6030e-01	False

## 230	9.5117e-02	2.6122e-01	False
## 231	9.5220e-02	2.6144e-01	False
## 232	9.5670e-02	2.6225e-01	False
## 233	9.6261e-02	2.6335e-01	False
## 234	9.7177e-02	2.6500e-01	False
## 235	9.7541e-02	2.6569e-01	True
## 236	1.0143e-01	2.7322e-01	False
## 237	1.0170e-01	2.7368e-01	False
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## 239	1.0319e-01	2.7652e-01	False
## 240	1.0338e-01	2.7689e-01	False
## 241	1.0380e-01	2.7775e-01	True
## 242	1.0425e-01	2.7846e-01	True
## 243	1.0484e-01	2.7952e-01	False
## 244	1.0555e-01	2.8112e-01	False
## 245	1.0638e-01	2.8274e-01	True
## 246	1.0657e-01	2.8306e-01	True
## 247	1.0748e-01	2.8474e-01	False
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## 249	1.0814e-01	2.8578e-01	True
## 250	1.0861e-01	2.8661e-01	False
## 251	1.0877e-01	2.8689e-01	False
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## 253	1.0928e-01	2.8748e-01	False
## 254	1.1034e-01	2.8919e-01	True
## 255	1.1040e-01	2.8924e-01	False
## 256	1.1082e-01	2.9007e-01	True
## 257	1.1189e-01	2.9182e-01	False
## 258	1.1251e-01	2.9283e-01	False
## 259	1.1308e-01	2.9410e-01	True
## 260	1.1473e-01	2.9729e-01	False
## 261	1.1567e-01	2.9883e-01	True
## 262	1.1641e-01	3.0003e-01	True
## 263	1.1641e-01	3.0003e-01	True
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## 265	1.1792e-01	3.0267e-01	False
## 266	1.1913e-01	3.0462e-01	True
## 267	1.2005e-01	3.0639e-01	True
## 268	1.2029e-01	3.0681e-01	True
## 269	1.2094e-01	3.0792e-01	True
## 270	1.2149e-01	3.0849e-01	True
## 271	1.2152e-01	3.0849e-01	True
## 272	1.2162e-01	3.0868e-01	False
## 273	1.2225e-01	3.0964e-01	False
## 274	1.2310e-01	3.1104e-01	False
## 275	1.2378e-01	3.1212e-01	True
## 276	1.2444e-01	3.1313e-01	True
## 277	1.2504e-01	3.1416e-01	False
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## 279	1.2570e-01	3.1519e-01	False
## 280	1.2613e-01	3.1599e-01	False
## 281	1.2699e-01	3.1731e-01	True
## 282	1.2962e-01	3.2170e-01	True
## 283	1.2977e-01	3.2196e-01	False

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## 287	1.3366e-01	3.2852e-01	True
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## 291	1.3441e-01	3.2942e-01	True
## 292	1.3465e-01	3.2969e-01	True
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## 298	1.3699e-01	3.3310e-01	False
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## 304	1.3924e-01	3.3585e-01	False
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## 307	1.4192e-01	3.4016e-01	True
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## 318	1.5119e-01	3.5528e-01	False
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## 323	1.5575e-01	3.6217e-01	False
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## 333	1.6066e-01	3.6974e-01	True
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## 335	1.6121e-01	3.7053e-01	False
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## 355	1.8592e-01	4.0377e-01	False
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## 373	2.0798e-01	4.1411e-01	True
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## 375	2.0975e-01	4.1612e-01	False
## 376	2.1062e-01	4.1720e-01	True
## 377	2.1101e-01	4.1747e-01	True
## 378	2.1640e-01	4.2415e-01	True
## 379	2.1687e-01	4.2461e-01	False
## 380	2.1749e-01	4.2536e-01	True
## 381	2.1898e-01	4.2751e-01	True
## 382	2.2039e-01	4.2887e-01	True
## 383	2.2062e-01	4.2920e-01	False
## 384	2.2066e-01	4.2920e-01	True
## 385	2.2203e-01	4.3051e-01	False
## 386	2.2324e-01	4.3183e-01	False
## 387	2.2407e-01	4.3241e-01	False
## 388	2.2424e-01	4.3249e-01	True
## 389	2.2577e-01	4.3359e-01	False
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## 391	2.2856e-01	4.3723e-01	False

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## 394	2.3193e-01	4.4076e-01	True
## 395	2.3233e-01	4.4123e-01	True
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## 397	2.3456e-01	4.4420e-01	False
## 398	2.3465e-01	4.4420e-01	False
## 399	2.3467e-01	4.4420e-01	False
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## 402	2.3852e-01	4.4927e-01	False
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## 404	2.3917e-01	4.4986e-01	True
## 405	2.3920e-01	4.4987e-01	False
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## 407	2.4006e-01	4.5077e-01	False
## 408	2.4184e-01	4.5308e-01	True
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## 410	2.4469e-01	4.5677e-01	False
## 411	2.4562e-01	4.5784e-01	False
## 412	2.4580e-01	4.5805e-01	False
## 413	2.4612e-01	4.5845e-01	False
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## 415	2.4721e-01	4.5983e-01	False
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## 417	2.4850e-01	4.6133e-01	False
## 418	2.4939e-01	4.6252e-01	False
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## 421	2.5791e-01	4.7201e-01	False
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## 423	2.5989e-01	4.7424e-01	True
## 424	2.6037e-01	4.7480e-01	False
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## 426	2.6072e-01	4.7490e-01	False
## 427	2.6351e-01	4.7834e-01	True
## 428	2.6511e-01	4.8049e-01	False
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## 430	2.6652e-01	4.8226e-01	False
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## 432	2.6808e-01	4.8422e-01	False
## 433	2.6870e-01	4.8510e-01	True
## 434	2.6897e-01	4.8541e-01	False
## 435	2.7069e-01	4.8732e-01	False
## 436	2.7216e-01	4.8911e-01	True
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## 438	2.7347e-01	4.9038e-01	False
## 439	2.7386e-01	4.9060e-01	False
## 440	2.7389e-01	4.9060e-01	True
## 441	2.7395e-01	4.9067e-01	True
## 442	2.7404e-01	4.9071e-01	False
## 443	2.7636e-01	4.9359e-01	False
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## 456	2.9883e-01	5.1838e-01	True
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## 460	3.0265e-01	5.2259e-01	False
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## 463	3.0473e-01	5.2487e-01	True
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## 467	3.0699e-01	5.2751e-01	True
## 468	3.1007e-01	5.3111e-01	False
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## 470	3.1092e-01	5.3205e-01	False
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## 472	3.1198e-01	5.3336e-01	True
## 473	3.1279e-01	5.3432e-01	False
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## 478	3.1541e-01	5.3643e-01	False
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## 480	3.1682e-01	5.3784e-01	True
## 481	3.1824e-01	5.3939e-01	False
## 482	3.2001e-01	5.4141e-01	False
## 483	3.2018e-01	5.4153e-01	True
## 484	3.2026e-01	5.4153e-01	True
## 485	3.2063e-01	5.4171e-01	False
## 486	3.2202e-01	5.4324e-01	False
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## 491	3.2863e-01	5.5022e-01	False
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## 494	3.2928e-01	5.5063e-01	False
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## 497	3.3406e-01	5.5556e-01	False
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## 499	3.3778e-01	5.5950e-01	False

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## 516	3.5172e-01	5.7381e-01	False
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## 522	3.5986e-01	5.8165e-01	False
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## 528	3.6658e-01	5.8811e-01	False
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## 530	3.6712e-01	5.8851e-01	False
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## 534	3.7181e-01	5.9213e-01	True
## 535	3.7262e-01	5.9290e-01	False
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## 542	3.7833e-01	5.9864e-01	False
## 543	3.8199e-01	6.0205e-01	False
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## 545	3.8586e-01	6.0624e-01	False
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## 548	3.8713e-01	6.0738e-01	True
## 549	3.8841e-01	6.0852e-01	False
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## 551	3.8852e-01	6.0858e-01	True
## 552	3.8859e-01	6.0860e-01	True
## 553	3.8973e-01	6.0950e-01	True

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## 556	3.9089e-01	6.1032e-01	True
## 557	3.9185e-01	6.1127e-01	False
## 558	3.9248e-01	6.1182e-01	True
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## 560	3.9472e-01	6.1406e-01	False
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## 563	4.0995e-01	6.2813e-01	False
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## 565	4.1121e-01	6.2932e-01	False
## 566	4.1163e-01	6.2944e-01	False
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## 568	4.1534e-01	6.3232e-01	False
## 569	4.1633e-01	6.3274e-01	False
## 570	4.1664e-01	6.3297e-01	True
## 571	4.1768e-01	6.3372e-01	True
## 572	4.1817e-01	6.3421e-01	False
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## 578	4.2978e-01	6.4424e-01	True
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## 580	4.3056e-01	6.4425e-01	True
## 581	4.3218e-01	6.4559e-01	True
## 582	4.3259e-01	6.4589e-01	True
## 583	4.3339e-01	6.4665e-01	False
## 584	4.3416e-01	6.4727e-01	False
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## 586	4.3867e-01	6.5168e-01	True
## 587	4.4142e-01	6.5420e-01	True
## 588	4.4237e-01	6.5458e-01	False
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## 590	4.4261e-01	6.5466e-01	True
## 591	4.4702e-01	6.5832e-01	True
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## 593	4.4757e-01	6.5863e-01	True
## 594	4.4766e-01	6.5867e-01	True
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## 596	4.4958e-01	6.5999e-01	True
## 597	4.4985e-01	6.6021e-01	False
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## 601	4.5540e-01	6.6441e-01	False
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## 603	4.5711e-01	6.6575e-01	False
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## 605	4.6094e-01	6.6921e-01	False
## 606	4.6239e-01	6.7027e-01	False
## 607	4.6341e-01	6.7101e-01	False

## 608	4.6370e-01	6.7115e-01	False
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## 610	4.6823e-01	6.7464e-01	True
## 611	4.6902e-01	6.7520e-01	True
## 612	4.7073e-01	6.7656e-01	False
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## 614	4.7133e-01	6.7701e-01	False
## 615	4.7272e-01	6.7783e-01	False
## 616	4.7354e-01	6.7845e-01	True
## 617	4.7516e-01	6.7917e-01	True
## 618	4.7593e-01	6.7980e-01	False
## 619	4.7905e-01	6.8180e-01	True
## 620	4.7980e-01	6.8252e-01	False
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## 625	4.8578e-01	6.8768e-01	False
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## 627	4.8622e-01	6.8807e-01	False
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## 634	4.9430e-01	6.9371e-01	True
## 635	4.9501e-01	6.9439e-01	False
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## 637	4.9594e-01	6.9501e-01	False
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## 641	5.0573e-01	7.0296e-01	True
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## 644	5.0891e-01	7.0545e-01	False
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## 648	5.1458e-01	7.0964e-01	False
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## 650	5.1696e-01	7.1129e-01	False
## 651	5.1803e-01	7.1235e-01	False
## 652	5.2065e-01	7.1398e-01	False
## 653	5.2112e-01	7.1429e-01	False
## 654	5.2268e-01	7.1533e-01	False
## 655	5.2296e-01	7.1549e-01	True
## 656	5.2364e-01	7.1609e-01	False
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## 658	5.2515e-01	7.1706e-01	True
## 659	5.2612e-01	7.1814e-01	False
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## 667	5.3324e-01	7.2407e-01	False
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## 669	5.3464e-01	7.2493e-01	False
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## 671	5.3668e-01	7.2629e-01	False
## 672	5.4056e-01	7.2909e-01	True
## 673	5.4336e-01	7.3052e-01	True
## 674	5.4330e-01	7.3052e-01	False
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## 678	5.4606e-01	7.3213e-01	False
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## 682	5.4808e-01	7.3317e-01	True
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## 685	5.5115e-01	7.3539e-01	True
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## 687	5.5470e-01	7.3795e-01	True
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## 689	5.5592e-01	7.3902e-01	False
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## 705	5.7640e-01	7.5334e-01	True
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## 712	5.8302e-01	7.5730e-01	False
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## 734	6.0560e-01	7.7299e-01	True
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## 737	6.1068e-01	7.7648e-01	False
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## 744	6.1403e-01	7.7900e-01	False
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## 746	6.1572e-01	7.8040e-01	False
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## 748	6.1827e-01	7.8241e-01	True
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## 750	6.2174e-01	7.8467e-01	True
## 751	6.2198e-01	7.8474e-01	False
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## 753	6.2239e-01	7.8498e-01	False
## 754	6.2240e-01	7.8498e-01	True
## 755	6.2450e-01	7.8658e-01	True
## 756	6.2462e-01	7.8668e-01	False
## 757	6.2495e-01	7.8691e-01	True
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## 760	6.2617e-01	7.8794e-01	False
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## 767	6.3126e-01	7.9135e-01	True
## 768	6.3197e-01	7.9211e-01	True
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## 770	6.3636e-01	7.9541e-01	False
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## 772	6.3786e-01	7.9635e-01	True
## 773	6.3831e-01	7.9649e-01	False
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## 775	6.3905e-01	7.9688e-01	False
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## 779	6.4346e-01	7.9978e-01	False
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## 787	6.5614e-01	8.0729e-01	False
## 788	6.5982e-01	8.1017e-01	False
## 789	6.6150e-01	8.1158e-01	False
## 790	6.6221e-01	8.1219e-01	False
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## 792	6.6539e-01	8.1434e-01	True
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## 794	6.6824e-01	8.1586e-01	False
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## 796	6.7064e-01	8.1755e-01	True
## 797	6.7071e-01	8.1756e-01	True
## 798	6.7199e-01	8.1861e-01	False
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## 801	6.7625e-01	8.2095e-01	True
## 802	6.7731e-01	8.2176e-01	True
## 803	6.7767e-01	8.2206e-01	False
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## 807	6.7997e-01	8.2358e-01	False
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## 819	6.9780e-01	8.3440e-01	True
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## 827	7.0618e-01	8.3972e-01	False
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## 838	7.2015e-01	8.4893e-01	False
## 839	7.2426e-01	8.5153e-01	True
## 840	7.2201e-01	8.5018e-01	False
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## 857	7.4948e-01	8.6785e-01	True
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## 860	7.5125e-01	8.6851e-01	False
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## 862	7.5251e-01	8.6929e-01	False
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## 864	7.5290e-01	8.6929e-01	True
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## 867	7.5766e-01	8.7202e-01	False
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## 872	7.6003e-01	8.7317e-01	False
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## 875	7.6362e-01	8.7517e-01	False
## 876	7.6461e-01	8.7565e-01	True
## 877	7.6745e-01	8.7772e-01	True

## 878	7.6974e-01	8.7888e-01	False
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## 881	7.7255e-01	8.8035e-01	False
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## 884	7.7512e-01	8.8196e-01	False
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## 888	7.8001e-01	8.8451e-01	False
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## 890	7.8099e-01	8.8490e-01	True
## 891	7.8208e-01	8.8548e-01	False
## 892	7.8373e-01	8.8684e-01	False
## 893	7.8904e-01	8.9037e-01	False
## 894	7.8906e-01	8.9037e-01	True
## 895	7.9007e-01	8.9095e-01	False
## 896	7.9245e-01	8.9268e-01	True
## 897	7.9558e-01	8.9465e-01	False
## 898	7.9613e-01	8.9499e-01	True
## 899	7.9767e-01	8.9582e-01	True
## 900	7.9879e-01	8.9647e-01	True
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## 902	8.0567e-01	9.0073e-01	False
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## 906	8.0898e-01	9.0221e-01	True
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## 908	8.1122e-01	9.0336e-01	True
## 909	8.1399e-01	9.0510e-01	True
## 910	8.1444e-01	9.0530e-01	True
## 911	8.1563e-01	9.0574e-01	True
## 912	8.2010e-01	9.0820e-01	True
## 913	8.2068e-01	9.0856e-01	True
## 914	8.2116e-01	9.0878e-01	False
## 915	8.2241e-01	9.0955e-01	True
## 916	8.2355e-01	9.1000e-01	False
## 917	8.2408e-01	9.1034e-01	False
## 918	8.2713e-01	9.1224e-01	False
## 919	8.2818e-01	9.1267e-01	False
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## 921	8.3016e-01	9.1370e-01	True
## 922	8.3279e-01	9.1550e-01	False
## 923	8.3317e-01	9.1550e-01	False
## 924	8.3496e-01	9.1628e-01	False
## 925	8.3561e-01	9.1651e-01	True
## 926	8.3567e-01	9.1651e-01	False
## 927	8.3747e-01	9.1766e-01	True
## 928	8.3887e-01	9.1850e-01	True
## 929	8.4028e-01	9.1934e-01	False
## 930	8.4184e-01	9.2020e-01	False
## 931	8.4513e-01	9.2224e-01	False

## 932	8.4592e-01	9.2272e-01	False
## 933	8.4799e-01	9.2370e-01	False
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## 935	8.5260e-01	9.2630e-01	False
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## 937	8.5483e-01	9.2761e-01	False
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## 939	8.5759e-01	9.2919e-01	False
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## 942	8.5890e-01	9.2937e-01	False
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## 946	8.7156e-01	9.3602e-01	False
## 947	8.7298e-01	9.3681e-01	True
## 948	8.7547e-01	9.3783e-01	False
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## 950	8.7621e-01	9.3824e-01	False
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## 954	8.8109e-01	9.4093e-01	False
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## 976	9.2697e-01	9.6481e-01	False
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