**Supporting information**

**Prediction of Oxygen-Evolution Activity for NiCoFe Oxides Catalyst via Machine Learning**

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# The original dataset

The original data used in this work is collected and screened from published studies of Joel A. Haber by high-throughput experiment1. The data set consists of 496 entries, shown in Table S1, covering the elemental composition in percent representing different (Ni-Fe-Co)Ox materials and their overpotential (OP) characterized using a 10 s chronopotentiometry measurement at 10 mA/cm2 in O2-saturated 1.0 M NaOH(aq).

Table S1. Catalyst compositions in atomic ratios from Ref 1.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Ni** | **Co** | **Fe** | **Overpotential**  **(mV)** | **No.** | **Ni** | **Co** | **Fe** | **Overpotential**  **(mV)** |
| **1** | 1 | 0 | 0 | 441 | **249** | 0.302 | 0.569 | 0.129 | 418 |
| **2** | 0.969 | 0 | 0.031 | 426 | **250** | 0.302 | 0.6 | 0.102 | 419 |
| **3** | 0.969 | 0.031 | 0 | 423 | **251** | 0.302 | 0.631 | 0.071 | 418 |
| **4** | 0.929 | 0 | 0.071 | 420 | **252** | 0.302 | 0.671 | 0.031 | 424 |
| **5** | 0.929 | 0.031 | 0.031 | 422 | **253** | 0.302 | 0.702 | 0 | 433 |
| **6** | 0.929 | 0.071 | 0 | 427 | **254** | 0.271 | 0 | 0.729 | 424 |
| **7** | 0.898 | 0 | 0.102 | 420 | **255** | 0.271 | 0.031 | 0.702 | 421 |
| **8** | 0.898 | 0.031 | 0.071 | 427 | **256** | 0.271 | 0.071 | 0.671 | 415 |
| **9** | 0.898 | 0.071 | 0.031 | 427 | **257** | 0.271 | 0.102 | 0.631 | 412 |
| **10** | 0.898 | 0.102 | 0 | 438 | **258** | 0.271 | 0.129 | 0.6 | 409 |
| **11** | 0.871 | 0 | 0.129 | 421 | **259** | 0.271 | 0.169 | 0.569 | 411 |
| **12** | 0.871 | 0.031 | 0.102 | 408 | **260** | 0.271 | 0.2 | 0.529 | 412 |
| **13** | 0.871 | 0.071 | 0.071 | 425 | **261** | 0.271 | 0.231 | 0.498 | 409 |
| **14** | 0.871 | 0.102 | 0.031 | 439 | **262** | 0.271 | 0.271 | 0.471 | 413 |
| **15** | 0.871 | 0.129 | 0 | 447 | **263** | 0.271 | 0.302 | 0.431 | 417 |
| **16** | 0.831 | 0 | 0.169 | 432 | **264** | 0.271 | 0.329 | 0.4 | 418 |
| **17** | 0.831 | 0.031 | 0.129 | 422 | **265** | 0.271 | 0.369 | 0.369 | 420 |
| **18** | 0.831 | 0.071 | 0.102 | 426 | **266** | 0.271 | 0.4 | 0.329 | 421 |
| **19** | 0.831 | 0.102 | 0.071 | 427 | **267** | 0.271 | 0.431 | 0.302 | 421 |
| **20** | 0.831 | 0.129 | 0.031 | 433 | **268** | 0.271 | 0.471 | 0.271 | 422 |
| **21** | 0.831 | 0.169 | 0 | 453 | **269** | 0.271 | 0.498 | 0.231 | 416 |
| **22** | 0.8 | 0 | 0.2 | 447 | **270** | 0.271 | 0.529 | 0.2 | 417 |

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| **23** | 0.8 | 0.031 | 0.169 | 421 | **271** | 0.271 | 0.569 | 0.169 | 419 |
| **24** | 0.8 | 0.071 | 0.129 | 421 | **272** | 0.271 | 0.6 | 0.129 | 416 |
| **25** | 0.8 | 0.102 | 0.102 | 421 | **273** | 0.271 | 0.631 | 0.102 | 420 |
| **26** | 0.8 | 0.129 | 0.071 | 424 | **274** | 0.271 | 0.671 | 0.071 | 426 |
| **27** | 0.8 | 0.169 | 0.031 | 427 | **275** | 0.271 | 0.702 | 0.031 | 422 |
| **28** | 0.8 | 0.2 | 0 | 438 | **276** | 0.271 | 0.729 | 0 | 431 |
| **29** | 0.769 | 0 | 0.231 | 431 | **277** | 0.231 | 0 | 0.769 | 425 |
| **30** | 0.769 | 0.031 | 0.2 | 419 | **278** | 0.231 | 0.031 | 0.729 | 420 |
| **31** | 0.769 | 0.071 | 0.169 | 421 | **279** | 0.231 | 0.071 | 0.702 | 415 |
| **32** | 0.769 | 0.102 | 0.129 | 422 | **280** | 0.231 | 0.102 | 0.671 | 415 |
| **33** | 0.769 | 0.129 | 0.102 | 423 | **281** | 0.169 | 0.329 | 0.498 | 435 |
| **34** | 0.769 | 0.169 | 0.071 | 430 | **282** | 0.169 | 0.302 | 0.529 | 442 |
| **35** | 0.769 | 0.2 | 0.031 | 442 | **283** | 0.169 | 0.271 | 0.569 | 436 |
| **36** | 0.769 | 0.231 | 0 | 459 | **284** | 0.169 | 0.231 | 0.6 | 436 |
| **37** | 0.729 | 0 | 0.271 | 427 | **285** | 0.169 | 0.2 | 0.631 | 433 |
| **38** | 0.729 | 0.031 | 0.231 | 416 | **286** | 0.169 | 0.169 | 0.671 | 429 |
| **39** | 0.729 | 0.071 | 0.2 | 414 | **287** | 0.169 | 0.129 | 0.702 | 432 |
| **40** | 0.729 | 0.102 | 0.169 | 416 | **288** | 0.169 | 0.102 | 0.729 | 429 |
| **41** | 0.729 | 0.129 | 0.129 | 416 | **289** | 0.169 | 0.071 | 0.769 | 428 |
| **42** | 0.729 | 0.169 | 0.102 | 420 | **290** | 0.169 | 0.031 | 0.8 | 431 |
| **43** | 0.729 | 0.2 | 0.071 | 435 | **291** | 0.169 | 0 | 0.831 | 432 |
| **44** | 0.729 | 0.231 | 0.031 | 428 | **292** | 0.2 | 0.8 | 0 | 438 |
| **45** | 0.729 | 0.271 | 0 | 429 | **293** | 0.2 | 0.769 | 0.031 | 434 |
| **46** | 0.702 | 0 | 0.302 | 423 | **294** | 0.2 | 0.729 | 0.071 | 438 |
| **47** | 0.702 | 0.031 | 0.271 | 414 | **295** | 0.2 | 0.702 | 0.102 | 424 |
| **48** | 0.702 | 0.071 | 0.231 | 414 | **296** | 0.2 | 0.671 | 0.129 | 427 |
| **49** | 0.702 | 0.102 | 0.2 | 419 | **297** | 0.2 | 0.631 | 0.169 | 427 |
| **50** | 0.702 | 0.129 | 0.169 | 423 | **298** | 0.2 | 0.6 | 0.2 | 426 |
| **51** | 0.702 | 0.169 | 0.129 | 410 | **299** | 0.2 | 0.569 | 0.231 | 429 |
| **52** | 0.702 | 0.2 | 0.102 | 415 | **300** | 0.2 | 0.529 | 0.271 | 427 |
| **53** | 0.702 | 0.231 | 0.071 | 413 | **301** | 0.2 | 0.498 | 0.302 | 438 |
| **54** | 0.702 | 0.271 | 0.031 | 418 | **302** | 0.2 | 0.471 | 0.329 | 435 |
| **55** | 0.702 | 0.302 | 0 | 416 | **303** | 0.2 | 0.431 | 0.369 | 429 |
| **56** | 0.671 | 0 | 0.329 | 415 | **304** | 0.2 | 0.4 | 0.4 | 429 |
| **57** | 0.529 | 0.102 | 0.369 | 401 | **305** | 0.2 | 0.369 | 0.431 | 431 |
| **58** | 0.529 | 0.071 | 0.4 | 405 | **306** | 0.2 | 0.329 | 0.471 | 437 |
| **59** | 0.529 | 0.031 | 0.431 | 411 | **307** | 0.2 | 0.302 | 0.498 | 435 |
| **60** | 0.529 | 0 | 0.471 | 415 | **308** | 0.2 | 0.271 | 0.529 | 442 |
| **61** | 0.569 | 0.431 | 0 | 417 | **309** | 0.2 | 0.231 | 0.569 | 432 |
| **62** | 0.569 | 0.4 | 0.031 | 412 | **310** | 0.2 | 0.2 | 0.6 | 424 |
| **63** | 0.569 | 0.369 | 0.071 | 413 | **311** | 0.2 | 0.169 | 0.631 | 424 |
| **64** | 0.569 | 0.329 | 0.102 | 411 | **312** | 0.2 | 0.129 | 0.671 | 422 |
| **65** | 0.569 | 0.302 | 0.129 | 411 | **313** | 0.2 | 0.102 | 0.702 | 422 |
| **66** | 0.569 | 0.271 | 0.169 | 406 | **314** | 0.2 | 0.071 | 0.729 | 424 |

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| **67** | 0.569 | 0.231 | 0.2 | 410 | **315** | 0.2 | 0.031 | 0.769 | 427 |
| **68** | 0.569 | 0.2 | 0.231 | 401 | **316** | 0.2 | 0 | 0.8 | 435 |
| **69** | 0.569 | 0.169 | 0.271 | 398 | **317** | 0.231 | 0.769 | 0 | 432 |
| **70** | 0.569 | 0.129 | 0.302 | 400 | **318** | 0.231 | 0.729 | 0.031 | 432 |
| **71** | 0.569 | 0.102 | 0.329 | 398 | **319** | 0.231 | 0.702 | 0.071 | 428 |
| **72** | 0.569 | 0.071 | 0.369 | 401 | **320** | 0.231 | 0.671 | 0.102 | 429 |
| **73** | 0.569 | 0.031 | 0.4 | 409 | **321** | 0.231 | 0.631 | 0.129 | 427 |
| **74** | 0.569 | 0 | 0.431 | 418 | **322** | 0.231 | 0.6 | 0.169 | 429 |
| **75** | 0.6 | 0.4 | 0 | 419 | **323** | 0.231 | 0.569 | 0.2 | 425 |
| **76** | 0.6 | 0.369 | 0.031 | 411 | **324** | 0.231 | 0.529 | 0.231 | 423 |
| **77** | 0.6 | 0.329 | 0.071 | 411 | **325** | 0.231 | 0.498 | 0.271 | 428 |
| **78** | 0.6 | 0.302 | 0.102 | 412 | **326** | 0.231 | 0.471 | 0.302 | 427 |
| **79** | 0.6 | 0.271 | 0.129 | 408 | **327** | 0.231 | 0.431 | 0.329 | 432 |
| **80** | 0.6 | 0.231 | 0.169 | 407 | **328** | 0.231 | 0.4 | 0.369 | 426 |
| **81** | 0.6 | 0.2 | 0.2 | 417 | **329** | 0.231 | 0.369 | 0.4 | 435 |
| **82** | 0.6 | 0.169 | 0.231 | 404 | **330** | 0.231 | 0.329 | 0.431 | 429 |
| **83** | 0.6 | 0.129 | 0.271 | 401 | **331** | 0.231 | 0.302 | 0.471 | 427 |
| **84** | 0.6 | 0.102 | 0.302 | 403 | **332** | 0.231 | 0.271 | 0.498 | 422 |
| **85** | 0.6 | 0.071 | 0.329 | 403 | **333** | 0.231 | 0.231 | 0.529 | 416 |
| **86** | 0.6 | 0.031 | 0.369 | 406 | **334** | 0.231 | 0.2 | 0.569 | 414 |
| **87** | 0.6 | 0 | 0.4 | 415 | **335** | 0.231 | 0.169 | 0.6 | 412 |
| **88** | 0.631 | 0.369 | 0 | 434 | **336** | 0.231 | 0.129 | 0.631 | 420 |
| **89** | 0.631 | 0.329 | 0.031 | 422 | **337** | 0.169 | 0.369 | 0.471 | 440 |
| **90** | 0.631 | 0.302 | 0.071 | 414 | **338** | 0.169 | 0.4 | 0.431 | 428 |
| **91** | 0.631 | 0.271 | 0.102 | 409 | **339** | 0.169 | 0.431 | 0.4 | 426 |
| **92** | 0.631 | 0.231 | 0.129 | 409 | **340** | 0.169 | 0.471 | 0.369 | 426 |
| **93** | 0.631 | 0.2 | 0.169 | 405 | **341** | 0.169 | 0.498 | 0.329 | 424 |
| **94** | 0.631 | 0.169 | 0.2 | 403 | **342** | 0.169 | 0.529 | 0.302 | 415 |
| **95** | 0.631 | 0.129 | 0.231 | 409 | **343** | 0.169 | 0.569 | 0.271 | 419 |
| **96** | 0.631 | 0.102 | 0.271 | 401 | **344** | 0.169 | 0.6 | 0.231 | 430 |
| **97** | 0.631 | 0.071 | 0.302 | 405 | **345** | 0.169 | 0.631 | 0.2 | 427 |
| **98** | 0.631 | 0.031 | 0.329 | 407 | **346** | 0.169 | 0.671 | 0.169 | 432 |
| **99** | 0.631 | 0 | 0.369 | 416 | **347** | 0.169 | 0.702 | 0.129 | 431 |
| **100** | 0.671 | 0.329 | 0 | 421 | **348** | 0.169 | 0.729 | 0.102 | 433 |
| **101** | 0.671 | 0.302 | 0.031 | 420 | **349** | 0.169 | 0.769 | 0.071 | 435 |
| **102** | 0.671 | 0.271 | 0.071 | 429 | **350** | 0.169 | 0.8 | 0.031 | 438 |
| **103** | 0.671 | 0.231 | 0.102 | 426 | **351** | 0.169 | 0.831 | 0 | 447 |
| **104** | 0.671 | 0.2 | 0.129 | 418 | **352** | 0.129 | 0 | 0.871 | 443 |
| **105** | 0.671 | 0.169 | 0.169 | 415 | **353** | 0.129 | 0.031 | 0.831 | 435 |
| **106** | 0.671 | 0.129 | 0.2 | 415 | **354** | 0.129 | 0.071 | 0.8 | 430 |
| **107** | 0.671 | 0.102 | 0.231 | 414 | **355** | 0.129 | 0.102 | 0.769 | 425 |
| **108** | 0.671 | 0.071 | 0.271 | 411 | **356** | 0.129 | 0.129 | 0.729 | 427 |
| **109** | 0.671 | 0.031 | 0.302 | 421 | **357** | 0.129 | 0.169 | 0.702 | 431 |
| **110** | 0.529 | 0.231 | 0.231 | 419 | **358** | 0.129 | 0.2 | 0.671 | 436 |

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| **111** | 0.529 | 0.271 | 0.2 | 421 | **359** | 0.129 | 0.231 | 0.631 | 432 |
| **112** | 0.529 | 0.302 | 0.169 | 421 | **360** | 0.129 | 0.271 | 0.6 | 436 |
| **113** | 0.529 | 0.329 | 0.129 | 422 | **361** | 0.129 | 0.302 | 0.569 | 438 |
| **114** | 0.529 | 0.369 | 0.102 | 412 | **362** | 0.129 | 0.329 | 0.529 | 436 |
| **115** | 0.529 | 0.4 | 0.071 | 421 | **363** | 0.129 | 0.369 | 0.498 | 435 |
| **116** | 0.529 | 0.431 | 0.031 | 424 | **364** | 0.129 | 0.4 | 0.471 | 442 |
| **117** | 0.529 | 0.471 | 0 | 433 | **365** | 0.129 | 0.431 | 0.431 | 442 |
| **118** | 0.498 | 0 | 0.498 | 413 | **366** | 0.129 | 0.471 | 0.4 | 440 |
| **119** | 0.498 | 0.031 | 0.471 | 412 | **367** | 0.129 | 0.498 | 0.369 | 439 |
| **120** | 0.498 | 0.071 | 0.431 | 402 | **368** | 0.129 | 0.529 | 0.329 | 435 |
| **121** | 0.498 | 0.102 | 0.4 | 398 | **369** | 0.129 | 0.569 | 0.302 | 430 |
| **122** | 0.498 | 0.129 | 0.369 | 395 | **370** | 0.129 | 0.6 | 0.271 | 433 |
| **123** | 0.498 | 0.169 | 0.329 | 396 | **371** | 0.129 | 0.631 | 0.231 | 434 |
| **124** | 0.498 | 0.2 | 0.302 | 400 | **372** | 0.129 | 0.671 | 0.2 | 435 |
| **125** | 0.498 | 0.231 | 0.271 | 399 | **373** | 0.129 | 0.702 | 0.169 | 427 |
| **126** | 0.498 | 0.271 | 0.231 | 408 | **374** | 0.129 | 0.729 | 0.129 | 433 |
| **127** | 0.498 | 0.302 | 0.2 | 407 | **375** | 0.129 | 0.769 | 0.102 | 429 |
| **128** | 0.498 | 0.329 | 0.169 | 407 | **376** | 0.129 | 0.8 | 0.071 | 431 |
| **129** | 0.498 | 0.369 | 0.129 | 414 | **377** | 0.129 | 0.831 | 0.031 | 436 |
| **130** | 0.498 | 0.4 | 0.102 | 414 | **378** | 0.129 | 0.871 | 0 | 440 |
| **131** | 0.498 | 0.431 | 0.071 | 423 | **379** | 0.102 | 0 | 0.898 | 443 |
| **132** | 0.498 | 0.471 | 0.031 | 414 | **380** | 0.102 | 0.031 | 0.871 | 438 |
| **133** | 0.498 | 0.498 | 0 | 422 | **381** | 0.102 | 0.071 | 0.831 | 433 |
| **134** | 0.471 | 0 | 0.529 | 407 | **382** | 0.102 | 0.102 | 0.8 | 427 |
| **135** | 0.471 | 0.031 | 0.498 | 406 | **383** | 0.102 | 0.129 | 0.769 | 425 |
| **136** | 0.471 | 0.071 | 0.471 | 402 | **384** | 0.102 | 0.169 | 0.729 | 430 |
| **137** | 0.471 | 0.102 | 0.431 | 405 | **385** | 0.102 | 0.2 | 0.702 | 431 |
| **138** | 0.471 | 0.129 | 0.4 | 403 | **386** | 0.102 | 0.231 | 0.671 | 439 |
| **139** | 0.471 | 0.169 | 0.369 | 397 | **387** | 0.102 | 0.271 | 0.631 | 444 |
| **140** | 0.471 | 0.2 | 0.329 | 395 | **388** | 0.102 | 0.302 | 0.6 | 441 |
| **141** | 0.471 | 0.231 | 0.302 | 399 | **389** | 0.102 | 0.329 | 0.569 | 437 |
| **142** | 0.471 | 0.271 | 0.271 | 399 | **390** | 0.102 | 0.369 | 0.529 | 436 |
| **143** | 0.471 | 0.302 | 0.231 | 401 | **391** | 0.102 | 0.4 | 0.498 | 434 |
| **144** | 0.471 | 0.329 | 0.2 | 409 | **392** | 0.102 | 0.431 | 0.471 | 439 |
| **145** | 0.471 | 0.369 | 0.169 | 413 | **393** | 0.031 | 0.4 | 0.569 | 462 |
| **146** | 0.471 | 0.4 | 0.129 | 408 | **394** | 0.031 | 0.369 | 0.6 | 452 |
| **147** | 0.471 | 0.431 | 0.102 | 412 | **395** | 0.031 | 0.329 | 0.631 | 452 |
| **148** | 0.471 | 0.471 | 0.071 | 415 | **396** | 0.031 | 0.302 | 0.671 | 449 |
| **149** | 0.471 | 0.498 | 0.031 | 410 | **397** | 0.031 | 0.271 | 0.702 | 452 |
| **150** | 0.471 | 0.529 | 0 | 413 | **398** | 0.031 | 0.231 | 0.729 | 445 |
| **151** | 0.431 | 0 | 0.569 | 412 | **399** | 0.031 | 0.2 | 0.769 | 448 |
| **152** | 0.431 | 0.031 | 0.529 | 404 | **400** | 0.031 | 0.169 | 0.8 | 436 |
| **153** | 0.431 | 0.071 | 0.498 | 397 | **401** | 0.031 | 0.129 | 0.831 | 438 |
| **154** | 0.431 | 0.102 | 0.471 | 396 | **402** | 0.031 | 0.102 | 0.871 | 436 |

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| **155** | 0.431 | 0.129 | 0.431 | 394 | **403** | 0.031 | 0.071 | 0.898 | 439 |
| **156** | 0.431 | 0.169 | 0.4 | 392 | **404** | 0.031 | 0.031 | 0.929 | 450 |
| **157** | 0.431 | 0.2 | 0.369 | 393 | **405** | 0.031 | 0 | 0.969 | 452 |
| **158** | 0.431 | 0.231 | 0.329 | 398 | **406** | 0.071 | 0.929 | 0 | 457 |
| **159** | 0.431 | 0.271 | 0.302 | 406 | **407** | 0.071 | 0.898 | 0.031 | 445 |
| **160** | 0.431 | 0.302 | 0.271 | 410 | **408** | 0.071 | 0.871 | 0.071 | 441 |
| **161** | 0.431 | 0.329 | 0.231 | 404 | **409** | 0.071 | 0.831 | 0.102 | 443 |
| **162** | 0.431 | 0.369 | 0.2 | 403 | **410** | 0.071 | 0.8 | 0.129 | 439 |
| **163** | 0.431 | 0.4 | 0.169 | 404 | **411** | 0.071 | 0.769 | 0.169 | 437 |
| **164** | 0.431 | 0.431 | 0.129 | 409 | **412** | 0.071 | 0.729 | 0.2 | 436 |
| **165** | 0.431 | 0.471 | 0.102 | 409 | **413** | 0.071 | 0.702 | 0.231 | 441 |
| **166** | 0.529 | 0.2 | 0.271 | 402 | **414** | 0.071 | 0.671 | 0.271 | 438 |
| **167** | 0.529 | 0.169 | 0.302 | 398 | **415** | 0.071 | 0.631 | 0.302 | 440 |
| **168** | 0.529 | 0.129 | 0.329 | 397 | **416** | 0.071 | 0.6 | 0.329 | 438 |
| **169** | 0.329 | 0.431 | 0.231 | 424 | **417** | 0.071 | 0.569 | 0.369 | 441 |
| **170** | 0.329 | 0.4 | 0.271 | 418 | **418** | 0.071 | 0.529 | 0.4 | 445 |
| **171** | 0.329 | 0.369 | 0.302 | 417 | **419** | 0.071 | 0.498 | 0.431 | 448 |
| **172** | 0.329 | 0.329 | 0.329 | 415 | **420** | 0.071 | 0.471 | 0.471 | 455 |
| **173** | 0.329 | 0.302 | 0.369 | 412 | **421** | 0.071 | 0.431 | 0.498 | 453 |
| **174** | 0.329 | 0.271 | 0.4 | 410 | **422** | 0.071 | 0.4 | 0.529 | 454 |
| **175** | 0.329 | 0.231 | 0.431 | 413 | **423** | 0.071 | 0.369 | 0.569 | 455 |
| **176** | 0.329 | 0.2 | 0.471 | 404 | **424** | 0.071 | 0.329 | 0.6 | 453 |
| **177** | 0.329 | 0.169 | 0.498 | 402 | **425** | 0.071 | 0.302 | 0.631 | 462 |
| **178** | 0.329 | 0.129 | 0.529 | 400 | **426** | 0.071 | 0.271 | 0.671 | 445 |
| **179** | 0.329 | 0.102 | 0.569 | 403 | **427** | 0.071 | 0.231 | 0.702 | 453 |
| **180** | 0.329 | 0.071 | 0.6 | 407 | **428** | 0.071 | 0.2 | 0.729 | 442 |
| **181** | 0.329 | 0.031 | 0.631 | 406 | **429** | 0.071 | 0.169 | 0.769 | 436 |
| **182** | 0.329 | 0 | 0.671 | 418 | **430** | 0.071 | 0.129 | 0.8 | 438 |
| **183** | 0.369 | 0.631 | 0 | 421 | **431** | 0.071 | 0.102 | 0.831 | 440 |
| **184** | 0.369 | 0.6 | 0.031 | 421 | **432** | 0.071 | 0.071 | 0.871 | 446 |
| **185** | 0.369 | 0.569 | 0.071 | 421 | **433** | 0.071 | 0.031 | 0.898 | 452 |
| **186** | 0.369 | 0.529 | 0.102 | 417 | **434** | 0.071 | 0 | 0.929 | 464 |
| **187** | 0.369 | 0.498 | 0.129 | 417 | **435** | 0.102 | 0.898 | 0 | 439 |
| **188** | 0.369 | 0.471 | 0.169 | 413 | **436** | 0.102 | 0.871 | 0.031 | 443 |
| **189** | 0.369 | 0.431 | 0.2 | 418 | **437** | 0.102 | 0.831 | 0.071 | 437 |
| **190** | 0.369 | 0.4 | 0.231 | 411 | **438** | 0.102 | 0.8 | 0.102 | 435 |
| **191** | 0.369 | 0.369 | 0.271 | 409 | **439** | 0.102 | 0.769 | 0.129 | 437 |
| **192** | 0.369 | 0.329 | 0.302 | 411 | **440** | 0.102 | 0.729 | 0.169 | 432 |
| **193** | 0.369 | 0.302 | 0.329 | 405 | **441** | 0.102 | 0.702 | 0.2 | 434 |
| **194** | 0.369 | 0.271 | 0.369 | 405 | **442** | 0.102 | 0.671 | 0.231 | 431 |
| **195** | 0.369 | 0.231 | 0.4 | 405 | **443** | 0.102 | 0.631 | 0.271 | 430 |
| **196** | 0.369 | 0.2 | 0.431 | 410 | **444** | 0.102 | 0.6 | 0.302 | 430 |
| **197** | 0.369 | 0.169 | 0.471 | 405 | **445** | 0.102 | 0.569 | 0.329 | 427 |
| **198** | 0.369 | 0.129 | 0.498 | 404 | **446** | 0.102 | 0.529 | 0.369 | 430 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **199** | 0.369 | 0.102 | 0.529 | 407 | **447** | 0.102 | 0.498 | 0.4 | 436 |
| **200** | 0.369 | 0.071 | 0.569 | 407 | **448** | 0.102 | 0.471 | 0.431 | 448 |
| **201** | 0.369 | 0.031 | 0.6 | 412 | **449** | 0.031 | 0.431 | 0.529 | 456 |
| **202** | 0.369 | 0 | 0.631 | 414 | **450** | 0.031 | 0.471 | 0.498 | 440 |
| **203** | 0.4 | 0.6 | 0 | 427 | **451** | 0.031 | 0.498 | 0.471 | 426 |
| **204** | 0.4 | 0.569 | 0.031 | 421 | **452** | 0.031 | 0.529 | 0.431 | 431 |
| **205** | 0.4 | 0.529 | 0.071 | 414 | **453** | 0.031 | 0.569 | 0.4 | 431 |
| **206** | 0.4 | 0.498 | 0.102 | 417 | **454** | 0.031 | 0.6 | 0.369 | 430 |
| **207** | 0.4 | 0.471 | 0.129 | 413 | **455** | 0.031 | 0.631 | 0.329 | 431 |
| **208** | 0.4 | 0.431 | 0.169 | 412 | **456** | 0.031 | 0.671 | 0.302 | 429 |
| **209** | 0.4 | 0.4 | 0.2 | 415 | **457** | 0.031 | 0.702 | 0.271 | 428 |
| **210** | 0.4 | 0.369 | 0.231 | 413 | **458** | 0.031 | 0.729 | 0.231 | 421 |
| **211** | 0.4 | 0.329 | 0.271 | 405 | **459** | 0.031 | 0.769 | 0.2 | 429 |
| **212** | 0.4 | 0.302 | 0.302 | 403 | **460** | 0.031 | 0.8 | 0.169 | 440 |
| **213** | 0.4 | 0.271 | 0.329 | 404 | **461** | 0.031 | 0.831 | 0.129 | 436 |
| **214** | 0.4 | 0.231 | 0.369 | 399 | **462** | 0.031 | 0.871 | 0.102 | 436 |
| **215** | 0.4 | 0.2 | 0.4 | 399 | **463** | 0.031 | 0.898 | 0.071 | 443 |
| **216** | 0.4 | 0.169 | 0.431 | 398 | **464** | 0.031 | 0.929 | 0.031 | 432 |
| **217** | 0.4 | 0.129 | 0.471 | 406 | **465** | 0.031 | 0.969 | 0 | 441 |
| **218** | 0.4 | 0.102 | 0.498 | 405 | **466** | 0 | 0 | 1 | 441 |
| **219** | 0.4 | 0.071 | 0.529 | 408 | **467** | 0 | 0.031 | 0.969 | 438 |
| **220** | 0.4 | 0.031 | 0.569 | 408 | **468** | 0 | 0.071 | 0.929 | 448 |
| **221** | 0.4 | 0 | 0.6 | 412 | **469** | 0 | 0.102 | 0.898 | 435 |
| **222** | 0.431 | 0.569 | 0 | 420 | **470** | 0 | 0.129 | 0.871 | 432 |
| **223** | 0.431 | 0.529 | 0.031 | 421 | **471** | 0 | 0.169 | 0.831 | 430 |
| **224** | 0.431 | 0.498 | 0.071 | 429 | **472** | 0 | 0.2 | 0.8 | 433 |
| **225** | 0.329 | 0.471 | 0.2 | 429 | **473** | 0 | 0.231 | 0.769 | 438 |
| **226** | 0.329 | 0.498 | 0.169 | 415 | **474** | 0 | 0.271 | 0.729 | 446 |
| **227** | 0.329 | 0.529 | 0.129 | 417 | **475** | 0 | 0.302 | 0.702 | 447 |
| **228** | 0.329 | 0.569 | 0.102 | 418 | **476** | 0 | 0.329 | 0.671 | 452 |
| **229** | 0.329 | 0.6 | 0.071 | 420 | **477** | 0 | 0.369 | 0.631 | 442 |
| **230** | 0.329 | 0.631 | 0.031 | 425 | **478** | 0 | 0.4 | 0.6 | 444 |
| **231** | 0.329 | 0.671 | 0 | 424 | **479** | 0 | 0.431 | 0.569 | 444 |
| **232** | 0.302 | 0 | 0.702 | 421 | **480** | 0 | 0.471 | 0.529 | 441 |
| **233** | 0.302 | 0.031 | 0.671 | 412 | **481** | 0 | 0.498 | 0.498 | 442 |
| **234** | 0.302 | 0.071 | 0.631 | 407 | **482** | 0 | 0.529 | 0.471 | 442 |
| **235** | 0.302 | 0.102 | 0.6 | 404 | **483** | 0 | 0.569 | 0.431 | 443 |
| **236** | 0.302 | 0.129 | 0.569 | 404 | **484** | 0 | 0.6 | 0.4 | 442 |
| **237** | 0.302 | 0.169 | 0.529 | 402 | **485** | 0 | 0.631 | 0.369 | 438 |
| **238** | 0.302 | 0.2 | 0.498 | 406 | **486** | 0 | 0.671 | 0.329 | 431 |
| **239** | 0.302 | 0.231 | 0.471 | 415 | **487** | 0 | 0.702 | 0.302 | 432 |
| **240** | 0.302 | 0.271 | 0.431 | 415 | **488** | 0 | 0.729 | 0.271 | 432 |
| **241** | 0.302 | 0.302 | 0.4 | 416 | **489** | 0 | 0.769 | 0.231 | 431 |
| **242** | 0.302 | 0.329 | 0.369 | 417 | **490** | 0 | 0.8 | 0.2 | 437 |
| **243** | 0.302 | 0.369 | 0.329 | 420 | **491** | 0 | 0.831 | 0.169 | 443 |
| **244** | 0.302 | 0.4 | 0.302 | 421 | **492** | 0 | 0.871 | 0.129 | 437 |
| **245** | 0.302 | 0.431 | 0.271 | 427 | **493** | 0 | 0.898 | 0.102 | 438 |
| **246** | 0.302 | 0.471 | 0.231 | 427 | **494** | 0 | 0.929 | 0.071 | 440 |
| **247** | 0.302 | 0.498 | 0.2 | 421 | **495** | 0 | 0.969 | 0.031 | 442 |
| **248** | 0.302 | 0.529 | 0.169 | 418 | **496** | 0 | 1 | 0 | 436 |

# The transformed dataset with physical features

The original dataset was transformed into physical space, considering the atoms level features of valence electron number(*VEN)*, relative atomic mass(*RAM)*, atomic number(*AN)*, non-bonded atomic radius(*RA)*, covalent radius(*RC)*, first ionization energies(*FIE)*, electron affinity(*EA)*, Pauling scale electronegativity(*EP)* and outermost d-orbital electron

number(*DE)*. The weighted average(𝑋) of the element content and variance(𝛿𝑋) were calculated and finally 18 physical features were constructed as Table S2.

Table S2. The transformed dataset with physical features with the shape of 496 × 18.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 𝑽𝑬𝑵 | 𝑹𝑨𝑴 | 𝑨𝑵 | 𝑹𝑨 | 𝑹𝑪 | 𝑭𝑰𝑬 | 𝑬𝑨 | 𝑬𝑷 | 𝑫𝑬 | 𝜹𝑽𝑬𝑵 | 𝜹𝑹𝑨𝑴 | 𝜹𝑨𝑵 | 𝜹𝑹𝑨 | 𝜹𝑹𝑪 | 𝜹𝑭𝑰𝑬 | 𝜹𝑬𝑨 | 𝜹𝑬𝑷 | 𝜹𝑫𝑬 | **OP** |
| 10 | 58. 693 | 28 | 1.9  7 | 1.1  7 | 737  .12  9 | 111  .53  7 | 1.9  1 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44  1 |
| 9.9  38 | 58.  604  71 | 27.  93  8 | 1.9  72  17 | 1.1  72  17 | 737  .91  44 | 108  .53  1 | 1.9  07  52 | 7.  9  3  8 | 0.1  201  56 | 0.2  436  49 | 0.1  201  56 | 0.0  001  47 | 0.0  001  47 | 19.  283  94 | 282  .45  05 | 0.0  001  92 | 0.1  201  56 | 42  6 |
| 9.9  69 | 58.  700  44 | 27.  96  9 | 1.9  70  93 | 1.1  70  31 | 737  .85  05 | 110  .05  94 | 1.9  09  07 | 7.  9  6  9 | 0.0  300  39 | 0.0  017  3 | 0.0  300  39 | 2.7  E05 | 3E-  06 | 16.  270  1 | 68.  244  31 | 2.7  E05 | 0.0  300  39 | 42  3 |
| 9.8  58 | 58.  490  79 | 27.  85  8 | 1.9 74  97 | 1.1 74  97 | 738  .92  79 | 104  .65  23 | 1.9 04  32 | 7.  8  5  8 | 0.2  638  36 | 0.5  35 | 0.2  638  36 | 0.0  003  23 | 0.0  003  23 | 42.  343  28 | 620  .19  88 | 0.0  004  22 | 0.2  638  36 | 42  0 |
| 9.8  17 | 58.  083  92 | 27.  65  5 | 1.9  55  37 | 1.1  61  95 | 732  .00  17 | 106  .04  96 | 1.8  89  4 | 7.  8  3  5 | 0.1  541  5 | 0.5  223  89 | 0.2  087  84 | 0.0  004  83 | 0.0  002  59 | 78.  196  2 | 342  .54  82 | 0.0  005  06 | 0.1  512  9 | 42  2 |
| 9.9  29 | 58.  710  04 | 27.  92  9 | 1.9  72  13 | 1.1  70  71 | 738  .78  14 | 108  .15  29 | 1.9  07  87 | 7.  9  2  9 | 0.0  659  59 | 0.0  037  99 | 0.0  659  59 | 5.9  4E-  05 | 6.6  E06 | 35.  725  54 | 149  .84  94 | 5.9  4E-  05 | 0.0  659  59 | 42  7 |
| 9.7  96 | 58.  402  5 | 27.  79  6 | 1.9  77  14 | 1.1  77  14 | 739  .71  34 | 101  .64  63 | 1.9  01  84 | 7.  7  9  6 | 0.3  663  84 | 0.7  429  45 | 0.3  663  84 | 0.0  004  49 | 0.0  004  49 | 58.  801  3 | 861  .25  82 | 0.0  005  86 | 0.3  663  84 | 42  0 |
| 9.8 | 58. | 27. | 1.9 | 1.1 | 739 | 103 | 1.9 | 7. | 0.2 | 0.5 | 0.2 | 0.0 | 0.0 | 56. | 668 | 0.0 | 0.2 | 42 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 27 | 498  23 | 82  7 | 75  9 | 75  28 | .64  94 | .17  47 | 03  39 | 8  2  7 | 850  71 | 397  39 | 850  71 | 003  41 | 003  23 | 017  66 | .09  76 | 004  39 | 850  71 | 7 |
| 9.8  67 | 58.  621  75 | 27.  86  7 | 1.9  74  3 | 1.1  72  88 | 739  .56  68 | 105  .14  68 | 1.9  05  39 | 7.  8  6  7 | 0.1  773  11 | 0.2  504  58 | 0.1  773  11 | 0.0  001  97 | 0.0  001  51 | 52.  413  77 | 411  .95  44 | 0.0  002  41 | 0.1  773  11 | 42  7 |
| 9.8  98 | 58.  717  48 | 27.  89  8 | 1.9  73  06 | 1.1  71  02 | 739  .50  28 | 106  .67  53 | 1.9  06  94 | 7.  8  9  8 | 0.0  915  96 | 0.0  052  76 | 0.0  915  96 | 8.2  4E-  05 | 9.1  6E-  06 | 49.  611  37 | 208  .09  3 | 8.2  4E-  05 | 0.0  915  96 | 43  8 |
| 9.7  42 | 58.  325  61 | 27.  74  2 | 1.9  79  03 | 1.1  79  03 | 740  .39  75 | 99.  028  13 | 1.8  99  68 | 7.  7  4  2 | 0.4  494  36 | 0.9  113  56 | 0.4  494  36 | 0.0  005  51 | 0.0  005  51 | 72.  130  38 | 105  6.4  88 | 0.0  007  19 | 0.4  494  36 | 42  1 |
| 9.8  05 | 58.  644  72 | 27.  87  7 | 1.9  85  95 | 1.1  82  13 | 743  .38  34 | 100  .61  48 | 1.9  08  55 | 7.  7  9  7 | 0.3  855  27 | 0.8  041  25 | 0.3  963  8 | 0.0  005  26 | 0.0  004  7 | 80.  192  55 | 900  .95 | 0.0  006  56 | 0.3  849  64 | 40  8 |
| 9.9  17 | 59.  270  84 | 28.  15  1 | 2.0  02  71 | 1.1  90  89 | 750  .16  3 | 102  .71  81 | 1.9  27  02 | 7.  8  9  1 | 0.3  266  21 | 1.1  322  14 | 0.4  424  23 | 0.0  010  31 | 0.0  005  6 | 166  .16 | 726  .56  39 | 0.0  010  78 | 0.3  206  01 | 42  5 |
| 9.8  76 | 58.  863  96 | 27.  94  8 | 1.9  83  11 | 1.1  77  87 | 743  .23  68 | 104  .11  54 | 1.9  12  1 | 7.  8  6  8 | 0.2  007  66 | 0.3  084  83 | 0.2  116  59 | 0.0  002  79 | 0.0  001  74 | 74.  009  22 | 461  .73  41 | 0.0  003  18 | 0.2  001  98 | 43  9 |
| 9.8  71 | 58.  723  96 | 27.  87  1 | 1.9  73  87 | 1.1  71  29 | 740  .13  12 | 105  .38  83 | 1.9  06  13 | 7.  8  7  1 | 0.1  123  59 | 0.0  064  72 | 0.1  123  59 | 0.0  001  01 | 1.1  2E-  05 | 60.  857  29 | 255  .26  36 | 0.0  001  01 | 0.1  123  59 | 44  7 |
| 9.6  62 | 58.  211  69 | 27.  66  2 | 1.9  81  83 | 1.1  81  83 | 741  .41  1 | 95.  149  41 | 1.8  96  48 | 7.  6  6  2 | 0.5  617  56 | 1.1  391  15 | 0.5  617  56 | 0.0  006  88 | 0.0  006  88 | 90.  156  72 | 132  0.5  19 | 0.0  008  99 | 0.5  617  56 | 43  2 |
| 9.6  21 | 57.  804  81 | 27.  45  9 | 1.9  62  23 | 1.1  68  81 | 734  .48  48 | 96.  546  71 | 1.8  81  56 | 7.  6  3  9 | 0.4  702  86 | 1.1  904  87 | 0.5  243  49 | 0.0  008  75 | 0.0  006  59 | 127  .63  35 | 108  6.7  52 | 0.0  010  15 | 0.4  674  9 | 42  2 |
| 9.7  65 | 58.  654  32 | 27.  83  7 | 1.9  87  15 | 1.1  82  53 | 744  .31  43 | 98.  708  27 | 1.9  07  35 | 7.  7  5  7 | 0.4  051  96 | 0.8  117  68 | 0.4  160  25 | 0.0  005  41 | 0.0  004  68 | 94.  886  34 | 945  .02  16 | 0.0  006  69 | 0.4  046  35 | 42  6 |
| 9.7  96 | 58.  750  04 | 27.  86  8 | 1.9  85  91 | 1.1  80  67 | 744  .25  03 | 100  .23  67 | 1.9  08  9 | 7.  7  8 | 0.3  282  3 | 0.6  053  07 | 0.3  390  78 | 0.0  004  38 | 0.0  003  45 | 92.  310  49 | 762  .05  83 | 0.0  005  28 | 0.3  276  68 | 42  7 |

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|  |  |  |  |  |  |  |  | 8 |  |  |  |  |  |  |  |  |  |  |
| 9.7  19 | 58.  107  44 | 27.  55  7 | 1.9  58  31 | 1.1  62  93 | 734  .28  25 | 101  .37  85 | 1.8  86  46 | 7.  7  3  7 | 0.2  239  08 | 0.5  315  36 | 0.2  782  57 | 0.0  005  45 | 0.0  002  63 | 119  .36  42 | 500  .82  72 | 0.0  005  65 | 0.2  210  8 | 43  3 |
| 9.8  31 | 58.  733  56 | 27.  83  1 | 1.9  75  07 | 1.1  71  69 | 741  .06  21 | 103  .48  18 | 1.9  04  93 | 7.  8  3  1 | 0.1  404  39 | 0.0  080  89 | 0.1  404  39 | 0.0  001  26 | 1.4  E05 | 76.  066  33 | 319  .05  73 | 0.0  001  26 | 0.1  404  39 | 45  3 |
| 9.6 | 58.  123  4 | 27.  6 | 1.9  84 | 1.1  84 | 742  .19  64 | 92.  143  4 | 1.8  94 | 7.  6 | 0.6  4 | 1.2  977  77 | 0.6  4 | 0.0  007  84 | 0.0  007  84 | 102  .71  42 | 150  4.4  47 | 0.0  010  24 | 0.6  4 | 44  7 |
| 9.6  31 | 58.  219  13 | 27.  63  1 | 1.9  82  76 | 1.1  82  14 | 742  .13  24 | 93.  671  82 | 1.8  95  55 | 7.  6  3  1 | 0.5  708  39 | 1.1  480  08 | 0.5  708  39 | 0.0  006  93 | 0.0  006  84 | 100  .24  83 | 134  0.3  35 | 0.0  009  01 | 0.5  708  39 | 42  1 |
| 9.6  71 | 58.  342  65 | 27.  67  1 | 1.9  81  16 | 1.1  79  74 | 742  .04  99 | 95.  643  98 | 1.8  97  55 | 7.  6  7  1 | 0.4  787  59 | 0.9  276  75 | 0.4  787  59 | 0.0  005  71 | 0.0  005  44 | 97.  054  39 | 112  1.6  74 | 0.0  007  34 | 0.4  787  59 | 42  1 |
| 9.7  34 | 58.  661  76 | 27.  80  6 | 1.9  88  08 | 1.1  82  84 | 745  .03  57 | 97.  230  68 | 1.9  06  42 | 7.  7  2  6 | 0.4  182  47 | 0.8  175  65 | 0.4  290  59 | 0.0  005  51 | 0.0  004  66 | 105  .08  67 | 974  .19  68 | 0.0  006  77 | 0.4  176  88 | 42  1 |
| 9.7  29 | 58.  521  75 | 27.  72  9 | 1.9  78  84 | 1.1  76  26 | 741  .93  01 | 98.  503  62 | 1.9  00  45 | 7.  7  2  9 | 0.3  395  59 | 0.5  539  93 | 0.3  395  59 | 0.0  003  86 | 0.0  003  22 | 92.  399  03 | 790  .79  87 | 0.0  004  79 | 0.3  395  59 | 42  4 |
| 9.7  69 | 58.  645  27 | 27.  76  9 | 1.9  77  24 | 1.1  73  86 | 741  .84  76 | 100  .47  58 | 1.9  02  45 | 7.  7  6  9 | 0.2  396  39 | 0.2  589  01 | 0.2  396  39 | 0.0  002  52 | 0.0  001  54 | 89.  171  73 | 553  .07  97 | 0.0  002  93 | 0.2  396  39 | 42  7 |
| 9.8 | 58. 741 | 27.  8 | 1.9  76 | 1.1  72 | 741  .78  36 | 102  .00  42 | 1.9  04 | 7.  8 | 0.1  6 | 0.0  092  16 | 0.1  6 | 0.0  001  44 | 0.0  000  16 | 86.  661  2 | 363  .49  71 | 0.0  001  44 | 0.1  6 | 43  8 |
| 9.5  38 | 58.  035  11 | 27.  53  8 | 1.9  86  17 | 1.1  86  17 | 742  .98  18 | 89.  137  39 | 1.8  91  52 | 7.  5  3  8 | 0.7  105  56 | 1.4  408  48 | 0.7  105  56 | 0.0  008  7 | 0.0  008  7 | 114  .03  78 | 167  0.3  03 | 0.0  011  37 | 0.7  105  56 | 43  1 |
| 9.5  69 | 58.  130  84 | 27.  56  9 | 1.9  84  93 | 1.1  84  31 | 742  .91  79 | 90.  665  82 | 1.8  93  07 | 7.  5  6  9 | 0.6  452  39 | 1.3  079  83 | 0.6  452  39 | 0.0  007  85 | 0.0  007  78 | 111  .67  24 | 151  5.3  8 | 0.0  010  21 | 0.6  452  39 | 41  9 |
| 9.6  81 | 58.  756  97 | 27.  84  3 | 2.0  01  69 | 1.1  93  07 | 749  .69  75 | 92.  769  1 | 1.9  11  54 | 7.  6  6 | 0.5  887  35 | 1.4  383  89 | 0.6  434  45 | 0.0  010  21 | 0.0  007  94 | 157  .16  52 | 136  3.6  3 | 0.0  011  96 | 0.5  859  25 | 42  1 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 9.6  4 | 58.  350  09 | 27.  64 | 1.9  82  09 | 1.1  80  05 | 742  .77  13 | 94.  166  4 | 1.8  96  62 | 7.  6  4 | 0.4 884 | 0.9  346  19 | 0.4 884 | 0.0  005  78 | 0.0  005  41 | 106  .22  41 | 114  2.9  52 | 0.0  007  38 | 0.4 884 | 42  2 |
| 9.6  67 | 58.  433  46 | 27.  66  7 | 1.9  81  01 | 1.1  78  43 | 742  .71  56 | 95.  497  61 | 1.8  97  97 | 7.  6  6  7 | 0.4  261  11 | 0.7  674  04 | 0.4  261  11 | 0.0  004  95 | 0.0  004  42 | 104  .14  09 | 994  .89  23 | 0.0  006  24 | 0.4  261  11 | 42  3 |
| 9.7  79 | 59.  059  59 | 27.  94  1 | 1.9  97  77 | 1.1  87  19 | 749  .49  52 | 97.  600  89 | 1.9  16  44 | 7.  7  6  1 | 0.3  648  19 | 0.8  397  37 | 0.4  198  14 | 0.0  007  2 | 0.0  004  34 | 149  .64  72 | 831  .09  58 | 0.0  007  87 | 0.3  619  77 | 43  0 |
| 9.7  38 | 58.  652  71 | 27.  73  8 | 1.9  78  17 | 1.1  74  17 | 742  .56  9 | 98.  998  19 | 1.9  01  52 | 7.  7  3  8 | 0.2  553  56 | 0.2  613  41 | 0.2  553  56 | 0.0  002  65 | 0.0  001  55 | 98.  633  27 | 588  .63  63 | 0.0  003  06 | 0.2  553  56 | 44  2 |
| 9.7  69 | 58.  748  44 | 27.  76  9 | 1.9  76  93 | 1.1  72  31 | 742  .50  51 | 100  .52  66 | 1.9  03  07 | 7.  7  6  9 | 0.1  776  39 | 0.0  102  32 | 0.1  776  39 | 0.0  001  6 | 1.7  8E-  05 | 96.  215  06 | 403  .57  04 | 0.0  001  6 | 0.1  776  39 | 45  9 |
| 9.4  58 | 57.  921  19 | 27.  45  8 | 1.9  88  97 | 1.1  88  97 | 743  .99  53 | 85.  258  67 | 1.8  88  32 | 7.  4  5  8 | 0.7  902  36 | 1.6  024  22 | 0.7  902  36 | 0.0  009  68 | 0.0  009  68 | 126  .82  57 | 185  7.6  06 | 0.0  012  64 | 0.7  902  36 | 42  7 |
| 9.4  17 | 57.  514  32 | 27.  25  5 | 1.9  69  37 | 1.1  75  95 | 737  .06  91 | 86.  655  98 | 1.8  73  4 | 7.  4  3  5 | 0.7  169  92 | 1.7  188  99 | 0.7  704  6 | 0.0  011  82 | 0.0  009  74 | 165  .87  47 | 166  7.7  89 | 0.0  014  13 | 0.7  142  62 | 41  6 |
| 9.5  29 | 58.  140  44 | 27.  52  9 | 1.9  86  13 | 1.1  84  71 | 743  .84  88 | 88.  759  26 | 1.8  91  87 | 7.  5  2  9 | 0.6  491  59 | 1.3  209  88 | 0.6  491  59 | 0.0  007  84 | 0.0  007  71 | 121  .69  31 | 152  3.0  35 | 0.0  010  15 | 0.6  491  59 | 41  4 |
| 9.5  6 | 58.  236  17 | 27.  56 | 1.9  84  89 | 1.1  82  85 | 743  .78  48 | 90.  287  68 | 1.8  93  42 | 7.  5  6 | 0.5 844 | 1.1  679  56 | 0.5 844 | 0.0  006  98 | 0.0  006  73 | 119  .43  87 | 136  9.2  68 | 0.0  008  99 | 0.5 844 | 41  6 |
| 9.4  83 | 57.  593  56 | 27.  24  9 | 1.9  57  29 | 1.1  65  11 | 733  .81  7 | 91.  429  49 | 1.8  70  98 | 7.  5  0  9 | 0.5  086  56 | 1.5  070  45 | 0.6  203  95 | 0.0  012  36 | 0.0  007  7 | 205  .04  74 | 115  4.7  73 | 0.0  013  37 | 0.5  029  13 | 41  6 |
| 9.6  27 | 58.  443  06 | 27.  62  7 | 1.9  82  21 | 1.1  78  83 | 743  .64  65 | 93.  591  05 | 1.8  96  77 | 7.  6  2  7 | 0.4  378  71 | 0.7  745  99 | 0.4  378  71 | 0.0  005  03 | 0.0  004  39 | 114  .53  82 | 102  0.9  72 | 0.0  006  3 | 0.4  378  71 | 42  0 |
| 9.6  58 | 58.  538  79 | 27.  65  8 | 1.9  80  97 | 1.1  76  97 | 743  .58  25 | 95.  119  47 | 1.8  98  32 | 7.  6  5 | 0.3  670  36 | 0.5  636  28 | 0.3  670  36 | 0.0  004  08 | 0.0  003  19 | 112  .25  79 | 852  .43  45 | 0.0  004  98 | 0.3  670  36 | 43  5 |

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| 9.6  17 | 58.  131  92 | 27.  45  5 | 1.9  61  37 | 1.1  63  95 | 736  .65  63 | 96.  516  78 | 1.8  83  4 | 7.  6  3  5 | 0.2  759  31 | 0.5  398  72 | 0.3  299  82 | 0.0  005  91 | 0.0  002  65 | 151  .06  39 | 618  .80  35 | 0.0  006  07 | 0.2  731  36 | 42  8 |
| 9.7  29 | 58.  758  04 | 27.  72  9 | 1.9  78  13 | 1.1  72  71 | 743  .43  6 | 98.  620  06 | 1.9  01  87 | 7.  7  2  9 | 0.1  975  59 | 0.0  113  79 | 0.1  975  59 | 0.0  001  78 | 1.9  8E-  05 | 107  .00  44 | 448  .82  58 | 0.0  001  78 | 0.1  975  59 | 42  9 |
| 9.4  36 | 58.  067  68 | 27.  50  8 | 1.9  99  02 | 1.1  95  82 | 747  .72  93 | 82.  698  81 | 1.8  93  48 | 7.  4  2  8 | 0.8  460  56 | 1.7  664  7 | 0.8  566  96 | 0.0  010  98 | 0.0  010  57 | 144  .46  66 | 198  5.5  97 | 0.0  014  09 | 0.8  455  17 | 42  3 |
| 9.4  67 | 58.  163  4 | 27.  53  9 | 1.9  97  78 | 1.1  93  96 | 747  .66  53 | 84.  227  24 | 1.8  95  03 | 7.  4  5  9 | 0.7  894  07 | 1.6  718  76 | 0.8  000  65 | 0.0  010  25 | 0.0  009  83 | 142  .32  6 | 185  1.3  76 | 0.0  013  1 | 0.7  888  66 | 41  4 |
| 9.5  07 | 58.  286  92 | 27.  57  9 | 1.9 96  18 | 1.1 91  56 | 747  .58  27 | 86.  199  4 | 1.8 97  03 | 7.  4  9  9 | 0.7  134  83 | 1.5  228  46 | 0.7  241  64 | 0.0  009  26 | 0.0  008  78 | 139  .55  19 | 167  1.3  12 | 0.0  011  77 | 0.7  129  39 | 41  4 |
| 9.5  38 | 58.  382  65 | 27.  61 | 1.9  94  94 | 1.1  89  7 | 747  .51  88 | 87.  727  82 | 1.8  98  58 | 7.  5  3 | 0.6  524  5 | 1.3  864  43 | 0.6  631  48 | 0.0  008  45 | 0.0  007  88 | 137  .39  26 | 152  6.4  34 | 0.0  010  67 | 0.6  519  04 | 41  9 |
| 9.5  33 | 58.  242  65 | 27.  53  3 | 1.9  85  7 | 1.1  83  12 | 744  .41  32 | 89.  000  75 | 1.8  92  61 | 7.  5  3  3 | 0.5  869  11 | 1.1  753  9 | 0.5  869  11 | 0.0  006  98 | 0.0  006  69 | 125  .30  33 | 137  4.2  59 | 0.0  008  95 | 0.5  869  11 | 42  3 |
| 9.5  73 | 58.  366  17 | 27.  57  3 | 1.9  84  1 | 1.1  80  72 | 744  .33  06 | 90.  972  91 | 1.8  94  61 | 7.  5  7  3 | 0.5  026  71 | 0.9  492  48 | 0.5  026  71 | 0.0  005  85 | 0.0  005  34 | 122  .48  6 | 117  4.0  22 | 0.0  007  41 | 0.5  026  71 | 41  0 |
| 9.6  36 | 58.  685  28 | 27.  70  8 | 1.9  91  02 | 1.1  83  82 | 747  .31  65 | 92.  559  61 | 1.9  03  48 | 7.  6  2  8 | 0.4  469  14 | 0.8  351  66 | 0.4  576  69 | 0.0  005  71 | 0.0  004  59 | 130  .51  29 | 103  7.8  22 | 0.0  006  91 | 0.4  463  62 | 41  5 |
| 9.6  67 | 58. 781 | 27.  73  9 | 1.9  89  78 | 1.1  81  96 | 747  .25  25 | 94.  088  04 | 1.9  05  03 | 7.  6  5  9 | 0.3  779  15 | 0.6  228  02 | 0.3  886  87 | 0.0  004  78 | 0.0  003  4 | 128  .31  97 | 873  .57  91 | 0.0  005  62 | 0.3  773  6 | 41  3 |
| 9.7  07 | 58.  904  52 | 27.  77  9 | 1.9  88  18 | 1.1  79  56 | 747  .16  99 | 96.  060  2 | 1.9  07  03 | 7.  6  9  9 | 0.2  860  54 | 0.3  218  1 | 0.2  968  5 | 0.0  003  53 | 0.0  001  77 | 125  .47  78 | 654  .77  66 | 0.0  003  88 | 0.2  854  97 | 41  8 |
| 9.7  38 | 59. 000 | 27.  81 | 1.9  86 | 1.1  77 | 747  .10 | 97. 588 | 1.9  08 | 7.  7 | 0.2 126 | 0.0 676 | 0.2 234 | 0.0 002 | 4.3  2E- | 123  .26 | 479  .87 | 0.0 002 | 0.2 121 | 41  6 |

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|  | 25 |  | 94 | 7 | 6 | 62 | 58 | 3 | 71 | 37 | 84 | 53 | 05 | 59 | 56 | 48 | 12 |  |
| 9.3  42 | 57.  756  01 | 27.  34  2 | 1.9  93  03 | 1.1  93  03 | 745  .46  49 | 79.  634  53 | 1.8  83  68 | 7.  3  4  2 | 0.8  830  36 | 1.7  905  99 | 0.8  830  36 | 0.0  010  82 | 0.0  010  82 | 141  .71  92 | 207  5.7  51 | 0.0  014  13 | 0.8  830  36 | 41  5 |
| 9.1  6 | 57.  666  57 | 27.  16 | 1.9  98  89 | 1.1  96  85 | 748  .85  22 | 70.  894  08 | 1.8  77  42 | 7.  1  6 | 0.8 724 | 1.9  453  1 | 0.8 724 | 0.0  010  65 | 0.0  010  97 | 154  .69  77 | 204  9.5  13 | 0.0  013  92 | 0.8 724 | 40  1 |
| 9.1  29 | 57.  570  84 | 27.  12  9 | 2.0  00  13 | 1.1  98  71 | 748  .91  62 | 69.  365  66 | 1.8  75  87 | 7.  1  2  9 | 0.9  123  59 | 1.9  892  88 | 0.9  123  59 | 0.0  011  16 | 0.0  011  43 | 156  .30  37 | 214  3.9  97 | 0.0  014  59 | 0.9  123  59 | 40  5 |
| 9.0  17 | 56.  944  72 | 26.  85  5 | 1.9  83  37 | 1.1  89  95 | 742  .13  65 | 67.  262  38 | 1.8  57  4 | 7.  0  3  5 | 0.9  569  54 | 2.2  606  8 | 1.0  092  56 | 0.0  014  85 | 0.0  012  93 | 201  .73  39 | 223  4.0  35 | 0.0  018  03 | 0.9  543  54 | 41  1 |
| 9.0  58 | 57.  351  59 | 27.  05  8 | 2.0  02  97 | 1.2  02  97 | 749  .06  27 | 65.  865  07 | 1.8  72  32 | 7.  0  5  8 | 0.9  966  36 | 2.0  209  55 | 0.9  966  36 | 0.0  012  21 | 0.0  012  21 | 159  .95  1 | 234  2.7  91 | 0.0  015  95 | 0.9  966  36 | 41  5 |
| 9.5  69 | 58.  796  44 | 27.  56  9 | 1.9  82  93 | 1.1  74  31 | 747  .15  97 | 90.  993  82 | 1.8  97  07 | 7.  5  6  9 | 0.2  452  39 | 0.0  141  26 | 0.2  452  39 | 0.0  002  21 | 2.4  5E-  05 | 132  .82  94 | 557  .14  79 | 0.0  002  21 | 0.2  452  39 | 41  7 |
| 9.5  38 | 58.  700  71 | 27.  53  8 | 1.9  84  17 | 1.1  76  17 | 747  .22  36 | 89.  465  39 | 1.8  95  52 | 7.  5  3  8 | 0.3  105  56 | 0.2  744  25 | 0.3  105  56 | 0.0  003  11 | 0.0  001  54 | 134  .65  2 | 713  .07  35 | 0.0  003  49 | 0.3  105  56 | 41  2 |
| 9.5  79 | 59.  107  59 | 27.  74  1 | 2.0  03  77 | 1.1  89  19 | 754  .14  98 | 88.  068  09 | 1.9  10  44 | 7.  5  6  1 | 0.4  015  74 | 0.8  648  08 | 0.4  559  87 | 0.0  007  47 | 0.0  004  24 | 184  .17  85 | 912  .96  31 | 0.0  008  01 | 0.3  987  97 | 41  3 |
| 9.4  67 | 58.  481  46 | 27.  46  7 | 1.9  87  01 | 1.1  80  43 | 747  .37  02 | 85.  964  81 | 1.8  91  97 | 7.  4  6  7 | 0.4  529  11 | 0.8  015  36 | 0.4  529  11 | 0.0  005  07 | 0.0  004  24 | 138  .79  54 | 105  2.5  89 | 0.0  006  24 | 0.4  529  11 | 41  1 |
| 9.4  4 | 58.  398  09 | 27.  44 | 1.9  88  09 | 1.1  82  05 | 747  .42  59 | 84.  633  6 | 1.8  90  62 | 7.  4  4 | 0.5 044 | 0.9  767  55 | 0.5 044 | 0.0  005  77 | 0.0  005  17 | 140  .35  98 | 117  5.2  68 | 0.0  007  22 | 0.5 044 | 41  1 |
| 9.4  81 | 58.  804  97 | 27.  64  3 | 2.0  07  69 | 1.1  95  07 | 754  .35  21 | 83.  236  3 | 1.9  05  54 | 7.  4  6  3 | 0.5  866  43 | 1.4  922  51 | 0.6  407  7 | 0.0  010  01 | 0.0  007  6 | 189  .83  05 | 135  4.2  05 | 0.0  011  52 | 0.5  838  98 | 40  6 |
| 9.3  69 | 58.  178  84 | 27.  36  9 | 1.9  90  93 | 1.1  86  31 | 747  .57  25 | 81.  133  02 | 1.8  87  07 | 7.  3  6 | 0.6  328  39 | 1.3  711  66 | 0.6  328  39 | 0.0  007  5 | 0.0  007  37 | 144  .44  39 | 148  0.9  55 | 0.0  009  62 | 0.6  328  39 | 41  0 |

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| 9.3  38 | 58.  083  11 | 27.  33  8 | 1.9  92  17 | 1.1  88  17 | 747  .63  64 | 79.  604  59 | 1.8  85  52 | 7.  3  3  8 | 0.6  857  56 | 1.5  132  22 | 0.6  857  56 | 0.0  008  2 | 0.0  008  22 | 146  .21  36 | 160  6.7  38 | 0.0  010  59 | 0.6  857  56 | 40  1 |
| 9.3  79 | 58.  489  99 | 27.  54  1 | 2.0  11  77 | 1.2  01  19 | 754  .56  26 | 78.  207  29 | 1.9  00  44 | 7.  3  6  1 | 0.7  590  5 | 1.9  525  25 | 0.8  128  79 | 0.0  012  32 | 0.0  010  38 | 195  .62  71 | 176  4.3  14 | 0.0  014  67 | 0.7  563  38 | 39  8 |
| 9.2  67 | 57.  863  86 | 27.  26  7 | 1.9  95  01 | 1.1  92  43 | 747  .78  3 | 76.  104  01 | 1.8  81  97 | 7.  2  6  7 | 0.7  997  11 | 1.7  695  17 | 0.7  997  11 | 0.0  009  7 | 0.0  009  9 | 150  .23  61 | 187  7.2  16 | 0.0  012  63 | 0.7  997  11 | 40  0 |
| 9.2  4 | 57.  780  49 | 27.  24 | 1.9  96  09 | 1.1  94  05 | 747  .83  87 | 74.  772  8 | 1.8  80  62 | 7.  2  4 | 0.8 404 | 1.8  417  5 | 0.8 404 | 0.0  010  23 | 0.0  010  44 | 151  .75  45 | 197  3.6  42 | 0.0  013  34 | 0.8 404 | 39  8 |
| 9.2  81 | 58.  187  37 | 27.  44  3 | 2.0  15  69 | 1.2  07  07 | 754  .76  49 | 73.  375  5 | 1.8  95  54 | 7.  2  6  3 | 0.9  052  72 | 2.2  095  31 | 0.9  588  15 | 0.0  014  23 | 0.0  012  34 | 201  .11  36 | 211  1.1  23 | 0.0  017  21 | 0.9  025  92 | 40  1 |
| 9.1  69 | 57.  561  24 | 27.  16  9 | 1.9  98  93 | 1.1  98  31 | 747  .98  53 | 71.  272  22 | 1.8  77  07 | 7.  1  6  9 | 0.9  404  39 | 1.9  653  47 | 0.9  404  39 | 0.0  011  51 | 0.0  011  62 | 155  .71  76 | 221  0.2  92 | 0.0  015  04 | 0.9  404  39 | 40  9 |
| 9.1  38 | 57.  465  51 | 27.  13  8 | 2.0  00  17 | 1.2  00  17 | 748  .04  92 | 69.  743  79 | 1.8  75  52 | 7.  1  3  8 | 0.9  809  56 | 1.9  891  59 | 0.9  809  56 | 0.0  012  02 | 0.0  012  02 | 157  .43  45 | 230  5.9  32 | 0.0  015  7 | 0.9  809  56 | 41  8 |
| 9.6 | 58. 789 | 27.  6 | 1.9  82 | 1.1  74 | 746  .43  82 | 92.  471  4 | 1.8  98 | 7.  6 | 0.2  4 | 0.0  138  24 | 0.2  4 | 0.0  002  16 | 0.0  000  24 | 129  .99  18 | 545  .24  57 | 0.0  002  16 | 0.2  4 | 41  9 |
| 9.5  69 | 58.  693  27 | 27.  56  9 | 1.9  83  24 | 1.1  75  86 | 746  .50  22 | 90.  942  98 | 1.8  96  45 | 7.  5  6  9 | 0.3  072  39 | 0.2  726  99 | 0.3  072  39 | 0.0  003  09 | 0.0  001  54 | 131  .90  67 | 705  .68  8 | 0.0  003  47 | 0.3  072  39 | 41  1 |
| 9.5  29 | 58.  569  75 | 27.  52  9 | 1.9  84  84 | 1.1  78  26 | 746  .58  47 | 88.  970  82 | 1.8  94  45 | 7.  5  2  9 | 0.3  911  59 | 0.5  796  49 | 0.3  911  59 | 0.0  004  24 | 0.0  003  13 | 134  .36  54 | 905  .80  66 | 0.0  005  09 | 0.3  911  59 | 41  1 |
| 9.5  34 | 58.  709  76 | 27.  60  6 | 1.9  94  08 | 1.1  84  84 | 749  .69  03 | 87.  697  88 | 1.9  00  42 | 7.  5  2  6 | 0.4  564  33 | 0.8  523  16 | 0.4  671  29 | 0.0  005  74 | 0.0  004  5 | 145  .97  19 | 105  7.8  84 | 0.0  006  87 | 0.4  558  87 | 41  2 |
| 9.4  71 | 58.  390  65 | 27.  47  1 | 1.9  87  16 | 1.1  81  74 | 746  .70  45 | 86.  111  18 | 1.8  91  55 | 7.  4  7 | 0.5  071  59 | 0.9  705  25 | 0.5  071  59 | 0.0  005  82 | 0.0  005  21 | 137  .90  64 | 118  2.1  61 | 0.0  007  29 | 0.5  071  59 | 40  8 |

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| 9.4  31 | 58.  267  13 | 27.  43  1 | 1.9  88  76 | 1.1  84  14 | 746  .78  7 | 84.  139  02 | 1.8  89  55 | 7.  4  3  1 | 0.5  832  39 | 1.2  027  15 | 0.5  832  39 | 0.0  006  84 | 0.0  006  51 | 140  .33  17 | 136  3.2  22 | 0.0  008  71 | 0.5  832  39 | 40  7 |
| 9.4 | 58.  171  4 | 27.  4 | 1.9  9 | 1.1  86 | 746  .85  1 | 82.  610  6 | 1.8  88 | 7.  4 | 0.6  4 | 1.3  616  74 | 0.6  4 | 0.0  007  6 | 0.0  007  44 | 142  .20  19 | 149  8.1  93 | 0.0  009  76 | 0.6  4 | 41  7 |
| 9.3  69 | 58.  075  67 | 27.  36  9 | 1.9  91  24 | 1.1  87  86 | 746  .91  5 | 81.  082  18 | 1.8  86  45 | 7.  3  6  9 | 0.6  948  39 | 1.5  023  06 | 0.6  948  39 | 0.0  008  33 | 0.0  008  3 | 144  .06  4 | 162  8.4  93 | 0.0  010  76 | 0.6  948  39 | 40  4 |
| 9.3  29 | 57.  952  15 | 27.  32  9 | 1.9  92  84 | 1.1  90  26 | 746  .99  75 | 79.  110  02 | 1.8  84  45 | 7.  3  2  9 | 0.7  627  59 | 1.6  566  84 | 0.7  627  59 | 0.0  009  22 | 0.0  009  3 | 146  .45  46 | 178  9.7  17 | 0.0  011  98 | 0.7  627  59 | 40  1 |
| 9.3  34 | 58.  092  16 | 27.  40  6 | 2.0  02  08 | 1.1  96  84 | 750  .10  31 | 77.  837  08 | 1.8  90  42 | 7.  3  2  6 | 0.8  149  38 | 1.8  137  36 | 0.8  255  19 | 0.0  010  52 | 0.0  010  24 | 157  .97  35 | 191  0.1  61 | 0.0  013  44 | 0.8  144  05 | 40  3 |
| 9.2  71 | 57.  773  05 | 27.  27  1 | 1.9  95  16 | 1.1  93  74 | 747  .11  73 | 76.  250  38 | 1.8  81  55 | 7.  2  7  1 | 0.8  555  59 | 1.8  263  31 | 0.8  555  59 | 0.0  010  43 | 0.0  010  56 | 149  .89  67 | 200  9.6  75 | 0.0  013  6 | 0.8  555  59 | 40  3 |
| 9.2  31 | 57.  649  53 | 27.  23  1 | 1.9  96  76 | 1.1  96  14 | 747  .19  98 | 74.  278  22 | 1.8  79  55 | 7.  2  3  1 | 0.9  156  39 | 1.9  059  49 | 0.9  156  39 | 0.0  011  2 | 0.0  011  28 | 152  .25  38 | 215  1.8  42 | 0.0  014  62 | 0.9  156  39 | 40  6 |
| 9.2 | 57.  553  8 | 27.  2 | 1.9  98 | 1.1  98 | 747  .26  38 | 72.  749  8 | 1.8  78 | 7.  2 | 0.9  6 | 1.9  466  65 | 0.9  6 | 0.0  011  76 | 0.0  011  76 | 154  .07  13 | 225  6.6  7 | 0.0  015  36 | 0.9  6 | 41  5 |
| 9.6  31 | 58.  781  56 | 27.  63  1 | 1.9  81  07 | 1.1  73  69 | 745  .71  67 | 93.  948  98 | 1.8  98  93 | 7.  6  3  1 | 0.2  328  39 | 0.0  134  12 | 0.2  328  39 | 0.0  002  1 | 2.3  3E-  05 | 126  .11  32 | 528  .97  69 | 0.0  002  1 | 0.2  328  39 | 43  4 |
| 9.5  19 | 58.  155  44 | 27.  35  7 | 1.9  64  31 | 1.1  64  93 | 738  .93  71 | 91.  845  7 | 1.8  80  46 | 7.  5  3  7 | 0.3  061  37 | 0.5  467  41 | 0.3  599  02 | 0.0  006  17 | 0.0  002  66 | 170  .80  88 | 687  .22  41 | 0.0  006  3 | 0.3  033  74 | 42  2 |
| 9.5  96 | 58.  798  04 | 27.  66  8 | 1.9  91  91 | 1.1  82  67 | 748  .90  49 | 90.  703  89 | 1.9  02  9 | 7.  5  8  8 | 0.3  911  17 | 0.6  316  16 | 0.4  018  49 | 0.0  004  87 | 0.0  003  37 | 140  .47  84 | 902  .82  75 | 0.0  005  68 | 0.3  905  67 | 41  4 |
| 9.5  65 | 58.  702  32 | 27.  63  7 | 1.9  93  15 | 1.1  84  53 | 748  .96  89 | 89.  175  47 | 1.9  01  35 | 7.  5  5 | 0.4  557  32 | 0.8  472  3 | 0.4  664  46 | 0.0  005  75 | 0.0  004  53 | 142  .46  09 | 105  6.7  67 | 0.0  006  9 | 0.4  551  84 | 40  9 |

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| 9.4  21 | 57.  852  81 | 27.  25  9 | 1.9  68  23 | 1.1  70  81 | 739  .13  94 | 87.  013  91 | 1.8  75  56 | 7.  4  3  9 | 0.5  129  62 | 1.2  350  05 | 0.5  664  41 | 0.0 009 | 0.0  006  37 | 177  .17  81 | 118  0.1  99 | 0.0  010  21 | 0.5  102  31 | 40  9 |
| 9.4  62 | 58.  259  69 | 27.  46  2 | 1.9  87  83 | 1.1  83  83 | 746  .06  56 | 85.  616  61 | 1.8  90  48 | 7.  4  6  2 | 0.5  865  56 | 1.1  945  37 | 0.5  865  56 | 0.0  006  9 | 0.0  006  57 | 136  .95  64 | 137  1.5  77 | 0.0  008  81 | 0.5  865  56 | 40  5 |
| 9.4  31 | 58.  163  96 | 27.  43  1 | 1.9  89  07 | 1.1  85  69 | 746  .12  95 | 84.  088  18 | 1.8  88  93 | 7.  4  3  1 | 0.6  452  39 | 1.3  520  72 | 0.6  452  39 | 0.0  007  68 | 0.0  007  51 | 138  .91  89 | 151  1.0  65 | 0.0  009  88 | 0.6  452  39 | 40  3 |
| 9.3  19 | 57.  537  84 | 27.  15  7 | 1.9  72  31 | 1.1  76  93 | 739  .34  99 | 81.  984  9 | 1.8  70  46 | 7.  3  3  7 | 0.7  076  45 | 1.7  550  81 | 0.7  608  27 | 0.0  011  61 | 0.0  009  5 | 183  .71  97 | 164  3.2  59 | 0.0  013  76 | 0.7  049  47 | 40  9 |
| 9.3  96 | 58.  180  44 | 27.  46  8 | 1.9 99  91 | 1.1 94  67 | 749  .31  77 | 80.  843  09 | 1.8 92  9 | 7.  3  8  8 | 0.7  743  23 | 1.7  016  54 | 0.7  849  4 | 0.0  01 | 0.0  009  63 | 153  .12  59 | 181  4.1  51 | 0.0  012  74 | 0.7  737  86 | 40  1 |
| 9.3  65 | 58.  084  72 | 27.  43  7 | 2.0  01  15 | 1.1  96  53 | 749  .38  17 | 79.  314  67 | 1.8  91  35 | 7.  3  5  7 | 0.8  265  88 | 1.7  994  98 | 0.8  371  87 | 0.0  010  68 | 0.0  010  34 | 155  .05  58 | 193  8.0  68 | 0.0  013  65 | 0.8  260  53 | 40  5 |
| 9.2  21 | 57.  235  21 | 27.  05  9 | 1.9  76  23 | 1.1  82  81 | 739  .55  22 | 77.  153  11 | 1.8  65  56 | 7.  2  3  9 | 0.8  749  17 | 2.0  661  8 | 0.9  278  14 | 0.0  013  8 | 0.0  011  8 | 189  .92  05 | 204  0.0  86 | 0.0  016  69 | 0.8  722  51 | 40  7 |
| 9.2  62 | 57.  642  09 | 27.  26  2 | 1.9  95  83 | 1.1  95  83 | 746  .47  84 | 75.  755  81 | 1.8  80  48 | 7.  2  6  2 | 0.9  313  56 | 1.8  885  81 | 0.9  313  56 | 0.0  011  41 | 0.0  011  41 | 149  .47  42 | 218  9.3  37 | 0.0  014  9 | 0.9  313  56 | 41  6 |
| 9.6  71 | 58.  771  96 | 27.  67  1 | 1.9  79  87 | 1.1  73  29 | 744  .78  58 | 95.  855  54 | 1.9  00  13 | 7.  6  7  1 | 0.2  207  59 | 0.0  127  16 | 0.2  207  59 | 0.0  001  99 | 2.2  1E-  05 | 119  .57  03 | 501  .53  29 | 0.0  001  99 | 0.2  207  59 | 42  1 |
| 9.6  76 | 58.  911  96 | 27.  74  8 | 1.9  89  11 | 1.1  79  87 | 747  .89  14 | 94.  582  61 | 1.9  06  1 | 7.  6  6  8 | 0.2  955  24 | 0.3  238  99 | 0.3  063  02 | 0.0  003  61 | 0.0  001  77 | 131  .57  4 | 676  .15  76 | 0.0  003  95 | 0.2  949  69 | 42  0 |
| 9.7  17 | 59.  318  84 | 27.  95  1 | 2.0  08  71 | 1.1  92  89 | 754  .81  76 | 93.  185  31 | 1.9  21  02 | 7.  6  9  1 | 0.4  023  72 | 1.1  599  57 | 0.5  169  58 | 0.0  010  96 | 0.0  005  54 | 222  .55  13 | 897  .64  6 | 0.0  011  26 | 0.3  964  88 | 42  9 |
| 9.6 | 58. | 27. | 1.9 | 1.1 | 748 | 91. | 1.9 | 7. | 0.4 | 0.8 | 0.4 | 0.0 | 0.0 | 136 | 104 | 0.0 | 0.4 | 42 |

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| 05 | 692  72 | 67  7 | 91  95 | 84  13 | .03  8 | 082  03 | 02  55 | 5  9  7 | 519  99 | 405  05 | 627  36 | 005  74 | 004  56 | .39  86 | 8.9 | 006  92 | 514  49 | 6 |
| 9.5  42 | 58.  373  61 | 27.  54  2 | 1.9  85  03 | 1.1  81  03 | 745  .05  21 | 89.  495  33 | 1.8  93  68 | 7.  5  4  2 | 0.5  062  36 | 0.9  558  41 | 0.5  062  36 | 0.0  005  86 | 0.0  005  3 | 128  .36  47 | 118  1.4  96 | 0.0  007  39 | 0.5  062  36 | 41  8 |
| 9.5  83 | 58.  780  49 | 27.  74  5 | 2.0  04  63 | 1.1  94  05 | 751  .97  83 | 88.  098  03 | 1.9  08  6 | 7.  5  6  5 | 0.5  976  16 | 1.4  653  52 | 0.6  520  4 | 0.0  010  2 | 0.0  007  78 | 178  .53  66 | 138  1.5  17 | 0.0  011  84 | 0.5  948  38 | 41  5 |
| 9.4  71 | 58.  154  36 | 27.  47  1 | 1.9  87  87 | 1.1  85  29 | 745  .19  86 | 85.  994  74 | 1.8  90  13 | 7.  4  7  1 | 0.6  491  59 | 1.3  395  18 | 0.6  491  59 | 0.0  007  77 | 0.0  007  59 | 133  .14  46 | 152  1.2  21 | 0.0  010  01 | 0.6  491  59 | 41  5 |
| 9.4  76 | 58.  294  36 | 27.  54  8 | 1.9  97  11 | 1.1  91  87 | 748  .30  42 | 84.  721  81 | 1.8  96  1 | 7.  4  6  8 | 0.7  106  02 | 1.5  340  88 | 0.7  212  65 | 0.0  009  19 | 0.0  008  7 | 145  .05  49 | 166  3.6  69 | 0.0  011  65 | 0.7  100  6 | 41  4 |
| 9.5  17 | 58.  701  24 | 27.  75  1 | 2.0  16  71 | 1.2  04  89 | 755  .23  04 | 83.  324  51 | 1.9  11  02 | 7.  4  9  1 | 0.7  991  64 | 2.2  147  08 | 0.9  125  33 | 0.0  016  31 | 0.0  011  95 | 235  .94  69 | 184  2.0  46 | 0.0  018  48 | 0.7  934  15 | 41  1 |
| 9.4  05 | 58.  075  12 | 27.  47  7 | 1.9  99  95 | 1.1  96  13 | 748  .45  08 | 81.  221  23 | 1.8  92  55 | 7.  3  9  7 | 0.8  387  91 | 1.7  809  62 | 0.8  494  13 | 0.0  010  86 | 0.0  010  47 | 149  .75  9 | 196  7.6  51 | 0.0  013  91 | 0.8  382  53 | 42  1 |
| 9.2  17 | 57.  562  32 | 27.  05  5 | 1.9  75  37 | 1.1  77  95 | 741  .72  37 | 77.  123  18 | 1.8  67  4 | 7.  2  3  5 | 0.6  773  33 | 1.7  915  55 | 0.7  302  18 | 0.0  011  2 | 0.0  009  24 | 191  .14  44 | 157  0.9  65 | 0.0  013  2 | 0.6  746  68 | 41  9 |
| 9.3  29 | 58.  188  44 | 27.  32  9 | 1.9  92  13 | 1.1  86  71 | 748  .50  34 | 79.  226  46 | 1.8  85  87 | 7.  3  2  9 | 0.6  207  59 | 1.3  832  5 | 0.6  207  59 | 0.0  007  34 | 0.0  007  28 | 145  .79  85 | 145  2.2  61 | 0.0  009  42 | 0.6  207  59 | 42  1 |
| 9.3  6 | 58.  284  17 | 27.  36 | 1.9  90  89 | 1.1  84  85 | 748  .43  94 | 80.  754  88 | 1.8  87  42 | 7.  3  6 | 0.5 684 | 1.2  210  28 | 0.5 684 | 0.0  006  64 | 0.0  006  38 | 144  .13  97 | 132  7.6  34 | 0.0  008  44 | 0.5 684 | 42  1 |
| 9.2  83 | 57.  641  56 | 27.  04  9 | 1.9  63  29 | 1.1  67  11 | 738  .47  16 | 81.  896  69 | 1.8  64  98 | 7.  3  0  9 | 0.5  106  48 | 1.5  499  01 | 0.6  211  7 | 0.0  012  26 | 0.0  007  44 | 233  .45  27 | 115  6.3  88 | 0.0  013  04 | 0.5  050  4 | 42  2 |
| 9.4  27 | 58.  491  06 | 27.  42  7 | 1.9  88  21 | 1.1  80  83 | 748  .30  11 | 84.  058  25 | 1.8  90  77 | 7.  4  2  7 | 0.4  486  71 | 0.8  078  09 | 0.4  486  71 | 0.0 005 | 0.0  004  19 | 140  .52  66 | 104  2.3  18 | 0.0  006  15 | 0.4  486  71 | 41  2 |

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| 9.4  58 | 58.  586  79 | 27.  45  8 | 1.9  86  97 | 1.1  78  97 | 748  .23  71 | 85.  586  67 | 1.8  92  32 | 7.  4  5  8 | 0.3  902  36 | 0.5  876  48 | 0.3  902  36 | 0.0  004  2 | 0.0  003  07 | 138  .84  19 | 902  .92  15 | 0.0  005  02 | 0.3  902  36 | 42  1 |
| 9.4  17 | 58.  179  92 | 27.  25  5 | 1.9  67  37 | 1.1  65  95 | 741  .31  09 | 86.  983  98 | 1.8  77  4 | 7.  4  3  5 | 0.3  169  92 | 0.5  527  05 | 0.3  704  6 | 0.0  006  26 | 0.0  002  64 | 180  .21  09 | 711  .67  45 | 0.0  006  35 | 0.3  142  62 | 42  4 |
| 9.5  29 | 58.  806  04 | 27.  52  9 | 1.9  84  13 | 1.1  74  71 | 748  .09  06 | 89.  087  26 | 1.8  95  87 | 7.  5  2  9 | 0.2  491  59 | 0.0  143  52 | 0.2  491  59 | 0.0  002  24 | 2.4  9E-  05 | 134  .95  26 | 566  .05  36 | 0.0  002  24 | 0.2  491  59 | 43  3 |
| 8.9  64 | 57.  039  92 | 26.  89  2 | 1.9  96  98 | 1.2  00  18 | 746  .79  83 | 62.  800  79 | 1.8  62  52 | 6.  9  7  2 | 0.9  972  91 | 2.0  719  31 | 1.0  076  17 | 0.0  012  84 | 0.0  012  43 | 168  .80  81 | 234  1.3  59 | 0.0  016  49 | 0.9  967  81 | 41  3 |
| 9.0  27 | 57.  359  03 | 27.  02  7 | 2.0  03  9 | 1.2  03  28 | 749  .78  42 | 64.  387  49 | 1.8  71  39 | 7.  0  2  7 | 0.9  682  71 | 2.0  426  45 | 0.9  682  71 | 0.0  011  87 | 0.0  012  03 | 159  .00  16 | 227  6.0  67 | 0.0  015  52 | 0.9  682  71 | 41  2 |
| 9.0  67 | 57.  482  55 | 27.  06  7 | 2.0  02  3 | 1.2  00  88 | 749  .70  16 | 66.  359  65 | 1.8  73  39 | 7.  0  6  7 | 0.9  245  11 | 2.0  347  91 | 0.9  245  11 | 0.0  011  33 | 0.0  011  65 | 157  .07  12 | 217  2.9  12 | 0.0  014  82 | 0.9  245  11 | 40  2 |
| 9.0  98 | 57.  578  28 | 27.  09  8 | 2.0  01  06 | 1.1  99  02 | 749  .63  76 | 67.  888  07 | 1.8  74  94 | 7.  0  9  8 | 0.8  883  96 | 2.0  077  16 | 0.8  883  96 | 0.0  010  87 | 0.0  011  28 | 155  .56  57 | 208  7.6  18 | 0.0  014  23 | 0.8  883  96 | 39  8 |
| 9.0  93 | 57.  438  28 | 27.  02  1 | 1.9  91  82 | 1.1  92  44 | 746  .53  21 | 69. 161 | 1.8  68  97 | 7.  1  0  1 | 0.8  516  2 | 2.0  089  46 | 0.8  620  21 | 0.0  011  02 | 0.0  011  05 | 162  .53  39 | 199  7.6  04 | 0.0  014  14 | 0.8  511  02 | 39  5 |
| 9.1  33 | 57.  561  8 | 27.  06  1 | 1.9  90  22 | 1.1  90  04 | 746  .44  95 | 71.  133  16 | 1.8  70  97 | 7.  1  4  1 | 0.7  996  64 | 1.9  246  97 | 0.8  100  88 | 0.0  010  35 | 0.0  010  38 | 160  .55  96 | 187  4.5  15 | 0.0  013  25 | 0.7  991  43 | 39  6 |
| 9.1  96 | 57.  880  9 | 27.  19  6 | 1.9  97  14 | 1.1  93  14 | 749  .43  54 | 72.  719  86 | 1.8  79  84 | 7.  1  9  6 | 0.7  615  84 | 1.8  015  73 | 0.7  615  84 | 0.0  009  23 | 0.0  009  64 | 150  .75  27 | 178  7.2  45 | 0.0  012  03 | 0.7  615  84 | 40  0 |
| 9.2  27 | 57.  976  63 | 27.  22  7 | 1.9  95  9 | 1.1  91  28 | 749  .37  14 | 74.  248  29 | 1.8  81  39 | 7.  2  2  7 | 0.7  174  71 | 1.6  982  32 | 0.7  174  71 | 0.0  008  65 | 0.0  008  98 | 149  .21  31 | 168  2.5  08 | 0.0  011  24 | 0.7  174  71 | 39  9 |
| 9.2  67 | 58. 100 | 27.  26 | 1.9  94 | 1.1  88 | 749  .28 | 76. 220 | 1.8  83 | 7.  2 | 0.6 577 | 1.5 378 | 0.6 577 | 0.0 007 | 0.0 008 | 147  .21 | 154  0.4 | 0.0 010 | 0.6 577 | 40  8 |

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|  | 15 | 7 | 3 | 88 | 88 | 45 | 39 | 6  7 | 11 | 06 | 11 | 85 | 03 | 45 | 6 | 14 | 11 |  |
| 9.2  98 | 58.  195  88 | 27.  29  8 | 1.9  93  06 | 1.1  87  02 | 749  .22  48 | 77.  748  87 | 1.8  84  94 | 7.  2  9  8 | 0.6  091  96 | 1.3  924  88 | 0.6  091  96 | 0.0  007  2 | 0.0  007  21 | 145  .65  62 | 142  5.0  22 | 0.0  009  24 | 0.6  091  96 | 40  7 |
| 9.2  93 | 58.  055  88 | 27.  22  1 | 1.9  83  82 | 1.1  80  44 | 746  .11  93 | 79.  021  8 | 1.8  78  97 | 7.  3  0  1 | 0.5  597  12 | 1.2  813  34 | 0.5  702  28 | 0.0  007  15 | 0.0  006  54 | 152  .52  52 | 130  4.0  59 | 0.0  008  85 | 0.5  591  81 | 40  7 |
| 9.3  33 | 58.  179  4 | 27.  26  1 | 1.9  82  22 | 1.1  78  04 | 746  .03  67 | 80.  993  96 | 1.8  80  97 | 7.  3  4  1 | 0.4  916  91 | 1.0  439  02 | 0.5  022  31 | 0.0  006  22 | 0.0  005  29 | 150  .48  23 | 114  1.9  2 | 0.0  007  55 | 0.4  911  58 | 41  4 |
| 9.3  96 | 58.  498  5 | 27.  39  6 | 1.9  89  14 | 1.1  81  14 | 749  .02  26 | 82.  580  66 | 1.8  89  84 | 7.  3  9  6 | 0.4  431  84 | 0.8  125  44 | 0.4  431  84 | 0.0  004  93 | 0.0  004  16 | 140  .67  62 | 102  9.3  58 | 0.0  006  06 | 0.4  431  84 | 41  4 |
| 9.4  27 | 58.  594  23 | 27.  42  7 | 1.9  87  9 | 1.1  79  28 | 748  .95  86 | 84.  109  09 | 1.8  91  39 | 7.  4  2  7 | 0.3  866  71 | 0.5  909  59 | 0.3  866  71 | 0.0  004  15 | 0.0  003  05 | 139  .08  38 | 894  .47  83 | 0.0  004  96 | 0.3  866  71 | 42  3 |
| 9.4  67 | 58.  717  75 | 27.  46  7 | 1.9  86  3 | 1.1  76  88 | 748  .87  6 | 86.  081  25 | 1.8  93  39 | 7.  4  6  7 | 0.3  109  11 | 0.2  779  61 | 0.3  109  11 | 0.0  003  1 | 0.0  001  52 | 137  .01  71 | 713  .53  59 | 0.0  003  46 | 0.3  109  11 | 41  4 |
| 9.4  62 | 58.  577  75 | 27.  39 | 1.9  77  06 | 1.1  70  3 | 745  .77  04 | 87.  354  18 | 1.8  87  42 | 7.  4  7 | 0.2  504  38 | 0.0  694  65 | 0.2  610  52 | 0.0  002  87 | 4.6  9E-  05 | 143  .80  1 | 565  .81  49 | 0.0  002  81 | 0.2  498  96 | 42  2 |
| 8.9  42 | 57.  186  41 | 26.  94  2 | 2.0  07  03 | 1.2  07  03 | 750  .53  23 | 60.  240  93 | 1.8  67  68 | 6.  9  4  2 | 0.9  966  36 | 2.0  209  55 | 0.9  966  36 | 0.0  012  21 | 0.0  012  21 | 159  .95  1 | 234  2.7  91 | 0.0  015  95 | 0.9  966  36 | 40  7 |
| 8.9  73 | 57.  282  14 | 26.  97  3 | 2.0  05  79 | 1.2  05  17 | 750  .46  83 | 61.  769  35 | 1.8  69  23 | 6.  9  7  3 | 0.9  682  71 | 2.0  505  78 | 0.9  682  71 | 0.0  011  87 | 0.0  012  06 | 158  .55  18 | 227  6.2 | 0.0  015  53 | 0.9  682  71 | 40  6 |
| 9.1  17 | 58.  131  64 | 27.  35  1 | 2.0  30  71 | 1.2  18  89 | 760  .29  78 | 63.  930  91 | 1.8  95  02 | 7.  0  9  1 | 0.9  558  67 | 2.6  567  48 | 1.0  668  03 | 0.0  018  44 | 0.0  014  43 | 255  .04  44 | 221  5.0  84 | 0.0  021  13 | 0.9  503  89 | 40  2 |
| 9.0  76 | 57.  724  76 | 27.  14  8 | 2.0  11  11 | 1.2  05  87 | 753  .37  16 | 65.  328  21 | 1.8  80  1 | 7.  0  6  8 | 0.9  017  19 | 2.1  134  01 | 0.9  121  52 | 0.0  011  68 | 0.0  011  76 | 164  .94  89 | 211  6.3  9 | 0.0  015  03 | 0.9  012  02 | 40  5 |
| 9.0 | 57. | 27. | 2.0 | 1.1 | 750 | 66. | 1.8 | 7. | 0.8 | 2.0 | 0.8 | 0.0 | 0.0 | 154 | 203 | 0.0 | 0.8 | 40 |

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| 71 | 584  76 | 07  1 | 01  87 | 99  29 | .26  6 | 601  14 | 74  13 | 0  7  1 | 659  59 | 236  76 | 659  59 | 010  6 | 011  15 | .07  48 | 4.9  56 | 013  89 | 659  59 | 3 |
| 9.1  83 | 58.  210  89 | 27.  34  5 | 2.0  18  63 | 1.2  08  05 | 757  .04  57 | 68.  704  43 | 1.8  92  6 | 7.  1  6  5 | 0.8  364  58 | 2.2  630  47 | 0.8  897  16 | 0.0  013  41 | 0.0  011  92 | 199  .57  81 | 194  9.4  63 | 0.0  016  15 | 0.8  338  1 | 39  7 |
| 9.1  42 | 57.  804  01 | 27.  14  2 | 1.9  99  03 | 1.1  95  03 | 750  .11  95 | 70.  101  73 | 1.8  77  68 | 7.  1  4  2 | 0.7  798  36 | 1.8  897  66 | 0.7  798  36 | 0.0  009  49 | 0.0  010  06 | 150  .78  01 | 183  1.0  09 | 0.0  012  41 | 0.7  798  36 | 39  5 |
| 9.2  05 | 58.  123  12 | 27.  27  7 | 2.0  05  95 | 1.1  98  13 | 753  .10  54 | 71.  688  43 | 1.8  86  55 | 7.  1  9  7 | 0.7  459  03 | 1.8  718  05 | 0.7  564  1 | 0.0  009  67 | 0.0  009  78 | 158  .98  03 | 174  7.3  29 | 0.0  012  35 | 0.7  453  78 | 39  9 |
| 9.3  17 | 58.  749  24 | 27.  55  1 | 2.0  22  71 | 1.2  06  89 | 759  .88  5 | 73.  791  71 | 1.9  05  02 | 7.  2  9  1 | 0.7  169  95 | 2.2  964  22 | 0.8  291  48 | 0.0  015  29 | 0.0  011  34 | 245  .77  8 | 164  8.1  84 | 0.0  017  07 | 0.7  113  82 | 39  9 |
| 9.2  76 | 58.  342  36 | 27.  34  8 | 2.0  03  11 | 1.1  93  87 | 752  .95  88 | 75.  189  01 | 1.8  90  1 | 7.  2  6  8 | 0.6  460  01 | 1.6  039  67 | 0.6  565  48 | 0.0  008  34 | 0.0  008  18 | 155  .63  5 | 150  9.8  21 | 0.0  010  52 | 0.6  454  71 | 40  1 |
| 9.2  71 | 58.  202  36 | 27.  27  1 | 1.9  93  87 | 1.1  87  29 | 749  .85  32 | 76.  461  94 | 1.8  84  13 | 7.  2  7  1 | 0.5  975  59 | 1.4  004  44 | 0.5  975  59 | 0.0  007  06 | 0.0  007  14 | 144  .68  41 | 139  7.7  4 | 0.0  009  07 | 0.5  975  59 | 40  9 |
| 9.3  83 | 58.  828  49 | 27.  54  5 | 2.0  10  63 | 1.1  96  05 | 756  .63  29 | 78.  565  23 | 1.9  02  6 | 7.  3  6  5 | 0.5  566  77 | 1.5  169  76 | 0.6  105  18 | 0.0  009  65 | 0.0  007  41 | 190  .16  1 | 128  3.8  37 | 0.0  011  05 | 0.5  539  64 | 41  3 |
| 9.3  42 | 58.  421  61 | 27.  34  2 | 1.9  91  03 | 1.1  83  03 | 749  .70  67 | 79.  962  53 | 1.8  87  68 | 7.  3  4  2 | 0.4  830  36 | 0.9  957  19 | 0.4  830  36 | 0.0  005  5 | 0.0  005  02 | 141  .26  85 | 112  4.7  56 | 0.0  006  87 | 0.4  830  36 | 40  8 |
| 9.4  05 | 58.  740  72 | 27.  47  7 | 1.9  97  95 | 1.1  86  13 | 752  .69  26 | 81.  549  23 | 1.8  96  55 | 7.  3  9  7 | 0.4  387  91 | 0.8  722  95 | 0.4  494  13 | 0.0  005  5 | 0.0  004  35 | 149  .44  74 | 101  5.8  28 | 0.0  006  55 | 0.4  382  53 | 41  2 |
| 9.5  17 | 59.  366  84 | 27.  75  1 | 2.0  14  71 | 1.1  94  89 | 759  .47  22 | 83.  652  51 | 1.9  15  02 | 7.  4  9  1 | 0.3  991  64 | 1.1  831  53 | 0.5  125  33 | 0.0  010  89 | 0.0  005  41 | 236  .17  53 | 889  .34  22 | 0.0  011  03 | 0.3  934  15 | 41  5 |
| 9.4  4 | 58.  724  23 | 27.  44 | 1.9  87  11 | 1.1  77  15 | 749  .50  44 | 84.  794  32 | 1.8  92  58 | 7.  4  4 | 0.3 084 | 0.2  791  54 | 0.3 084 | 0.0  003  07 | 0.0  001  51 | 136  .48  33 | 707  .70  04 | 0.0  003  43 | 0.3 084 | 41  0 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9.4  71 | 58.  819  96 | 27.  47  1 | 1.9  85  87 | 1.1  75  29 | 749  .44  04 | 86.  322  74 | 1.8  94  13 | 7.  4  7  1 | 0.2  491  59 | 0.0  143  52 | 0.2  491  59 | 0.0  002  24 | 2.4  9E-  05 | 134  .95  26 | 566  .05  36 | 0.0  002  24 | 0.2  491  59 | 41  3 |
| 8.8  62 | 57.  072  49 | 26.  86  2 | 2.0  09  83 | 1.2  09  83 | 751  .54  58 | 56.  362  21 | 1.8  64  48 | 6.  8  6  2 | 0.9  809  56 | 1.9  891  59 | 0.9  809  56 | 0.0  012  02 | 0.0  012  02 | 157  .43  45 | 230  5.9  32 | 0.0  015  7 | 0.9  809  56 | 41  2 |
| 8.8  21 | 56.  665  61 | 26.  65  9 | 1.9  90  23 | 1.1  96  81 | 744  .61  96 | 57.  759  51 | 1.8  49  56 | 6.  8  3  9 | 0.9  566  69 | 2.2  871  44 | 1.0  083  98 | 0.0  014  9 | 0.0  013  05 | 200  .38  83 | 223  4.4  26 | 0.0  018  06 | 0.9  541  32 | 40  4 |
| 8.9  33 | 57.  291  74 | 26.  93  3 | 2.0  06  99 | 1.2  05  57 | 751  .39  92 | 59.  862  79 | 1.8  68  03 | 6.  9  3  3 | 0.9  245  11 | 2.0  798  79 | 0.9  245  11 | 0.0  011  36 | 0.0  011  82 | 154  .51  49 | 217  3.6  69 | 0.0  014  9 | 0.9  245  11 | 39  7 |
| 8.9  96 | 57.  610  84 | 27.  06  8 | 2.0  13  91 | 1.2  08  67 | 754  .38  51 | 61.  449  49 | 1.8  76  9 | 6.  9  8  8 | 0.9  016  96 | 2.1  517  08 | 0.9  120  82 | 0.0  011  71 | 0.0  011  91 | 162  .78  96 | 211  7.0  29 | 0.0  015  09 | 0.9  011  85 | 39  6 |
| 8.9  19 | 56.  968  24 | 26.  75  7 | 1.9  86  31 | 1.1  90  93 | 744  .41  73 | 62.  591  3 | 1.8  54  46 | 6.  9  3  7 | 0.8  685  02 | 2.3  238  98 | 0.9  205  18 | 0.0  013  81 | 0.0  012  42 | 196  .25  59 | 202  6.6  98 | 0.0  016  72 | 0.8  659  33 | 39  4 |
| 9.0  31 | 57.  594  36 | 27.  03  1 | 2.0  03  07 | 1.1  99  69 | 751  .19  69 | 64.  694  58 | 1.8  72  93 | 7.  0  3  1 | 0.8  300  39 | 2.0  471  66 | 0.8  300  39 | 0.0  010  18 | 0.0  010  95 | 150  .41  45 | 195  0.8  49 | 0.0  013  38 | 0.8  300  39 | 39  2 |
| 9.0  62 | 57.  690  09 | 27.  06  2 | 2.0  01  83 | 1.1  97  83 | 751  .13  3 | 66.  223  01 | 1.8  74  48 | 7.  0  6  2 | 0.7  961  56 | 1.9  986  85 | 0.7  961  56 | 0.0  009  75 | 0.0  010  54 | 149  .10  04 | 187  0.6  44 | 0.0  012  8 | 0.7  961  56 | 39  3 |
| 9.0  21 | 57.  283  21 | 26.  85  9 | 1.9  82  23 | 1.1  84  81 | 744  .20  68 | 67.  620  31 | 1.8  59  56 | 7.  0  3  9 | 0.7  561  53 | 2.1  658  72 | 0.8  084  66 | 0.0  012  35 | 0.0  011  02 | 191  .86  72 | 176  0.4  54 | 0.0  014  81 | 0.7  535  51 | 39  8 |
| 9.1  65 | 58.  132  72 | 27.  23  7 | 2.0  07  15 | 1.1  98  53 | 754  .03  63 | 69.  781  87 | 1.8  85  35 | 7.  1  5  7 | 0.7  177  64 | 1.8  894  23 | 0.7  282  48 | 0.0  009  35 | 0.0  009  63 | 155  .64  57 | 168  1.5  42 | 0.0  011  95 | 0.7  172  42 | 40  6 |
| 9.1  96 | 58.  228  44 | 27.  26  8 | 2.0  05  91 | 1.1  96  67 | 753  .97  23 | 71.  310  29 | 1.8  86  9 | 7.  1  8  8 | 0.6  778  5 | 1.7  824  26 | 0.6  883  51 | 0.0  008  81 | 0.0  008  99 | 154  .30  9 | 158  6.6  48 | 0.0  011  22 | 0.6  773  25 | 41  0 |
| 9.1  19 | 57. 585 | 26.  95 | 1.9  78 | 1.1  78 | 744  .00 | 72. 452 | 1.8  64 | 7.  1 | 0.6 284 | 1.8 254 | 0.6 810 | 0.0 010 | 0.0 008 | 187  .56 | 145  6.5 | 0.0 012 | 0.6 258 | 40  4 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 84 | 7 | 31 | 93 | 45 | 1 | 46 | 3  7 | 34 | 6 | 32 | 64 | 96 | 63 | 78 | 48 |  |  |
| 9.2  31 | 58.  211  96 | 27.  23  1 | 1.9  95  07 | 1.1  87  69 | 750  .78  41 | 74.  555  38 | 1.8  82  93 | 7.  2  3  1 | 0.5  776  39 | 1.4  120  76 | 0.5  776  39 | 0.0  006  84 | 0.0  007  04 | 141  .79  24 | 135  1.2  34 | 0.0  008  79 | 0.5  776  39 | 40  3 |
| 9.2  62 | 58.  307  69 | 27.  26  2 | 1.9  93  83 | 1.1  85  83 | 750  .72  02 | 76.  083  81 | 1.8  84  48 | 7.  2  6  2 | 0.5  313  56 | 1.2  453  51 | 0.5  313  56 | 0.0  006  2 | 0.0  006  18 | 140  .42  54 | 124  0.8  86 | 0.0  007  9 | 0.5  313  56 | 40  4 |
| 9.2  21 | 57.  900  81 | 27.  05  9 | 1.9  74  23 | 1.1  72  81 | 743  .79  4 | 77.  481  11 | 1.8  69  56 | 7.  2  3  9 | 0.4  749  17 | 1.2  748  74 | 0.5  278  14 | 0.0  008  52 | 0.0  006  08 | 183  .00  22 | 109  0.2  62 | 0.0  009  54 | 0.4  722  51 | 40  9 |
| 9.3  65 | 58.  750  32 | 27.  43  7 | 1.9  99  15 | 1.1  86  53 | 753  .62  35 | 79.  642  67 | 1.8  95  35 | 7.  3  5  7 | 0.4  265  88 | 0.8  781  03 | 0.4  371  87 | 0.0  005  37 | 0.0  004  29 | 146  .87  83 | 987  .49  09 | 0.0  006  39 | 0.4  260  53 | 40  9 |
| 9.2  58 | 57.  969  19 | 27.  25  8 | 1.9  94  97 | 1.1  90  97 | 748  .64  99 | 75.  725  87 | 1.8  82  32 | 7.  2  5  8 | 0.7  334  36 | 1.6  857  31 | 0.7  334  36 | 0.0  008  84 | 0.0  009  08 | 149  .56  69 | 172  0.0  91 | 0.0  011  48 | 0.7  334  36 | 40  2 |
| 9.2  27 | 57.  873  46 | 27.  22  7 | 1.9  96  21 | 1.1  92  83 | 748  .71  39 | 74.  197  45 | 1.8  80  77 | 7.  2  2  7 | 0.7  794  71 | 1.7  876  49 | 0.7  794  71 | 0.0  009  45 | 0.0  009  75 | 151  .19  87 | 182  9.3  45 | 0.0  012  31 | 0.7  794  71 | 39  8 |
| 9.0  83 | 57.  023  96 | 26.  84  9 | 1.9  71  29 | 1.1  79  11 | 738  .88  44 | 72.  035  89 | 1.8  54  98 | 7.  1  0  9 | 0.8  315  99 | 2.4  010  58 | 0.9  409  05 | 0.0  016  6 | 0.0  012  64 | 244  .31  2 | 192  0.5  18 | 0.0  018  87 | 0.8  261  27 | 39  7 |
| 9.0  17 | 57.  610  32 | 26.  85  5 | 1.9  81  37 | 1.1  79  95 | 746  .37  83 | 67.  590  38 | 1.8  61  4 | 7.  0  3  5 | 0.5  569  54 | 1.8  595  63 | 0.6  092  56 | 0.0  009  86 | 0.0  008  66 | 172  .69  35 | 129  0.7  58 | 0.0  011  54 | 0.5  543  54 | 42  4 |
| 9.0  58 | 58.  017  19 | 27.  05  8 | 2.0  00  97 | 1.1  92  97 | 753  .30  45 | 66.  193  07 | 1.8  76  32 | 7.  0  5  8 | 0.5  966  36 | 1.7  644  33 | 0.5  966  36 | 0.0  007  29 | 0.0  008  4 | 128  .97  75 | 140  0.8  28 | 0.0  009  6 | 0.5  966  36 | 41  8 |
| 9.0  27 | 57.  921  46 | 27.  02  7 | 2.0  02  21 | 1.1  94  83 | 753  .36  85 | 64.  664  65 | 1.8  74  77 | 7.  0  2  7 | 0.6  302  71 | 1.8  755  4 | 0.6  302  71 | 0.0  007  74 | 0.0 009 | 130  .01  37 | 148  0.9  41 | 0.0  010  24 | 0.6  302  71 | 41  7 |
| 8.8  83 | 57.  071  96 | 26.  64  9 | 1.9  77  29 | 1.1  81  11 | 743  .53  9 | 62.  503  09 | 1.8  48  98 | 6.  9  0  9 | 0.6  715  11 | 2.4  993  06 | 0.7  795  99 | 0.0  014  81 | 0.0  011  82 | 224  .93  05 | 154  7.5  76 | 0.0  016  6 | 0.6  661  73 | 41  5 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8.9  6 | 57.  714  57 | 26.  96 | 2.0  04  89 | 1.1  98  85 | 753  .50  68 | 61.  361  28 | 1.8  71  42 | 6.  9  6 | 0.6 964 | 2.0  530  63 | 0.6 964 | 0.0  008  63 | 0.0  010  06 | 132  .22  53 | 163  8.1  29 | 0.0  011  45 | 0.6 964 | 41  2 |
| 8.9  29 | 57.  618  84 | 26.  92  9 | 2.0  06  13 | 1.2  00  71 | 753  .57  08 | 59.  832  86 | 1.8  69  87 | 6.  9  2  9 | 0.7  239  59 | 2.1  062  31 | 0.7  239  59 | 0.0  008  99 | 0.0  010  44 | 133  .23  56 | 170  3.4  72 | 0.0  011  93 | 0.7  239  59 | 41  0 |
| 8.8  17 | 56.  992  72 | 26.  65  5 | 1.9  89  37 | 1.1  91  95 | 746  .79  11 | 57.  729  58 | 1.8  51  4 | 6.  8  3  5 | 0.7  558  56 | 2.3  885  11 | 0.8  075  74 | 0.0  012  54 | 0.0  011  87 | 179  .40  56 | 176  4.1  34 | 0.0  015  16 | 0.7  533  2 | 41  3 |
| 8.8  58 | 57.  399  59 | 26.  85  8 | 2.0  08  97 | 1.2  04  97 | 753  .71  73 | 56.  332  27 | 1.8  66  32 | 6.  8  5  8 | 0.7  798  36 | 2.1  589  46 | 0.7  798  36 | 0.0  009  69 | 0.0  011  05 | 135  .51  88 | 183  5.5  25 | 0.0  012  86 | 0.7  798  36 | 40  4 |
| 8.7  95 | 57.  080  48 | 26.  72  3 | 2.0  02  05 | 1.2  01  87 | 750  .73  14 | 54.  745  57 | 1.8  57  45 | 6.  8  0  3 | 0.7  995  67 | 2.1  956  03 | 0.8  097  96 | 0.0  010  56 | 0.0  011  39 | 145  .25  3 | 187  9.0  42 | 0.0  013  7 | 0.7  990  68 | 40  2 |
| 8.6  83 | 56.  454  36 | 26.  44  9 | 1.9  85  29 | 1.1  93  11 | 743  .95  18 | 52.  642  29 | 1.8  38  98 | 6.  7  0  9 | 0.8  303  83 | 2.6  377  48 | 0.9  372  54 | 0.0  016  88 | 0.0  013  61 | 231  .55  18 | 192  4.2  61 | 0.0  019  19 | 0.8  251  8 | 40  0 |
| 8.7  6 | 57.  096  97 | 26.  76 | 2.0  12  89 | 1.2  10  85 | 753  .91  96 | 51.  500  48 | 1.8  61  42 | 6.  7  6 | 0.8 404 | 2.0  737  75 | 0.8 404 | 0.0  010  4 | 0.0  011  3 | 138  .59  96 | 197  7.5  35 | 0.0  013  73 | 0.8 404 | 40  3 |
| 8.7  29 | 57.  001  24 | 26.  72  9 | 2.0  14  13 | 1.2  12  71 | 753  .98  36 | 49.  972  06 | 1.8  59  87 | 6.  7  2  9 | 0.8  555  59 | 2.0 087 | 0.8  555  59 | 0.0  010  56 | 0.0  011  23 | 139  .55  71 | 201  2.7  35 | 0.0  013  91 | 0.8  555  59 | 40  7 |
| 8.6  17 | 56.  375  12 | 26.  45  5 | 1.9  97  37 | 1.2  03  95 | 747  .20  39 | 47.  868  78 | 1.8  41  4 | 6.  6  3  5 | 0.8  740  37 | 2.1  477  33 | 0.9  251  72 | 0.0  013  93 | 0.0  012  17 | 185  .77  38 | 204  1.2  89 | 0.0  016  76 | 0.8  715  66 | 40  6 |
| 8.6  58 | 56.  781  99 | 26.  65  8 | 2.0  16  97 | 1.2  16  97 | 754  .13  01 | 46.  471  47 | 1.8  56  32 | 6.  6  5  8 | 0.8  830  36 | 1.7  905  99 | 0.8  830  36 | 0.0  010  82 | 0.0  010  82 | 141  .71  92 | 207  5.7  51 | 0.0  014  13 | 0.8  830  36 | 41  8 |
| 9.3  69 | 58.  844  44 | 27.  36  9 | 1.9  88  93 | 1.1  76  31 | 751  .81  43 | 81.  461  02 | 1.8  91  07 | 7.  3  6  9 | 0.2  328  39 | 0.0  134  12 | 0.2  328  39 | 0.0  002  1 | 2.3  3E-  05 | 126  .11  32 | 528  .97  69 | 0.0  002  1 | 0.2  328  39 | 42  1 |
| 9.3  38 | 58.  748  71 | 27.  33  8 | 1.9  90  17 | 1.1  78  17 | 751  .87  82 | 79.  932  59 | 1.8  89  52 | 7.  3  3  8 | 0.2  857  56 | 0.2 829 | 0.2  857  56 | 0.0  002  85 | 0.0  001  45 | 127  .34  01 | 655  .76  21 | 0.0  003  19 | 0.2  857  56 | 42  1 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9.3  79 | 59.  155  59 | 27.  54  1 | 2.0  09  77 | 1.1  91  19 | 758  .80  44 | 78.  535  29 | 1.9  04  44 | 7.  3  6  1 | 0.3  590  5 | 0.8  853  13 | 0.4  128  79 | 0.0  007  03 | 0.0  004  06 | 175  .76  92 | 814  .71  76 | 0.0  007  45 | 0.3  563  38 | 42  1 |
| 9.2  67 | 58.  529  46 | 27.  26  7 | 1.9  93  01 | 1.1  82  43 | 752  .02  48 | 76.  432  01 | 1.8  85  97 | 7.  2  6  7 | 0.3  997  11 | 0.8  310  59 | 0.3  997  11 | 0.0  004  46 | 0.0  003  98 | 130  .11  93 | 928  .53  67 | 0.0  005  51 | 0.3  997  11 | 41  7 |
| 9.2  04 | 58.  210  36 | 27.  13  2 | 1.9  86  09 | 1.1  79  33 | 749  .03  89 | 74.  845  31 | 1.8  77  1 | 7.  2  1  2 | 0.4  415  3 | 1.0  677  63 | 0.4  519  94 | 0.0  005  67 | 0.0  005  07 | 139  .89  98 | 102  5.4  2 | 0.0  006  9 | 0.4  410  04 | 41  7 |
| 9.2  81 | 58.  852  97 | 27.  44  3 | 2.0  13  69 | 1.1  97  07 | 759  .00  67 | 73.  703  5 | 1.8  99  54 | 7.  2  6  3 | 0.5  052  72 | 1.5  415  47 | 0.5  588  15 | 0.0  009  1 | 0.0  007  19 | 179  .55  52 | 116  4.6  68 | 0.0  010  37 | 0.5  025  92 | 41  3 |
| 9.1  69 | 58.  226  84 | 27.  16  9 | 1.9  96  93 | 1.1  88  31 | 752  .22  71 | 71.  600  22 | 1.8  81  07 | 7.  1  6  9 | 0.5  404  39 | 1.4  297  41 | 0.5  404  39 | 0.0  006  43 | 0.0  006  88 | 133  .88  48 | 126  4.7  82 | 0.0  008  31 | 0.5  404  39 | 41  8 |
| 9.1  38 | 58.  131  11 | 27.  13  8 | 1.9  98  17 | 1.1  90  17 | 752  .29  1 | 70.  071  79 | 1.8  79  52 | 7.  1  3  8 | 0.5  809  56 | 1.5  809  87 | 0.5  809  56 | 0.0  006  98 | 0.0  007  65 | 135  .05  89 | 136  1.4  24 | 0.0  009  09 | 0.5  809  56 | 41  1 |
| 9.1  79 | 58.  537  99 | 27.  34  1 | 2.0  17  77 | 1.2  03  19 | 759  .21  72 | 68.  674  49 | 1.8  94  44 | 7.  1  6  1 | 0.6  372  45 | 2.0  317  86 | 0.6  904  92 | 0.0  010  92 | 0.0  009  72 | 183  .40  95 | 147  9.7  58 | 0.0  012  92 | 0.6  345  98 | 40  9 |
| 9.0  67 | 57.  911  86 | 27.  06  7 | 2.0  01  01 | 1.1  94  43 | 752  .43  76 | 66.  571  21 | 1.8  75  97 | 7.  0  6  7 | 0.6  665  11 | 1.8  583  3 | 0.6  665  11 | 0.0  008  14 | 0.0  009  16 | 137  .71  71 | 156  5.1  62 | 0.0  010  71 | 0.6  665  11 | 41  1 |
| 9.0  4 | 57.  828  49 | 27.  04 | 2.0  02  09 | 1.1  96  05 | 752  .49  33 | 65.  24 | 1.8  74  62 | 7.  0  4 | 0.6 964 | 1.9  385  67 | 0.6 964 | 0.0  008  54 | 0.0  009  64 | 138  .71  67 | 163  6.2  07 | 0.0  011  26 | 0.6 964 | 40  5 |
| 9.0  81 | 58.  235  37 | 27.  24  3 | 2.0  21  69 | 1.2  09  07 | 759  .41  95 | 63.  842  7 | 1.8  89  54 | 7.  0  6  3 | 0.7  446  2 | 2.3  175  83 | 0.7  975  8 | 0.0  012  37 | 0.0  011  45 | 187  .03 | 173  5.2  76 | 0.0  014  87 | 0.7  420  05 | 40  5 |
| 8.9  69 | 57.  609  24 | 26.  96  9 | 2.0  04  93 | 1.2  00  31 | 752  .63  99 | 61.  739  42 | 1.8  71  07 | 6.  9  6  9 | 0.7  680  39 | 2.0  832  11 | 0.7  680  39 | 0.0  009  48 | 0.0  010  64 | 141  .31  57 | 180  6.1  17 | 0.0  012  52 | 0.7  680  39 | 40  5 |
| 8.9  38 | 57.  513  51 | 26.  93  8 | 2.0  06  17 | 1.2  02  17 | 752  .70  38 | 60.  210  99 | 1.8  69  52 | 6.  9  3 | 0.7  961  56 | 2.1  162  14 | 0.7  961  56 | 0.0  009  84 | 0.0  010  97 | 142  .43  69 | 187  2.6  16 | 0.0 013 | 0.7  961  56 | 41  0 |

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| 8.9  79 | 57.  920  39 | 27.  14  1 | 2.0  25  77 | 1.2  15  19 | 759  .63 | 58.  813  69 | 1.8  84  44 | 6.  9  6  1 | 0.8  361  61 | 2.4  222  66 | 0.8  888  24 | 0.0  013  55 | 0.0  012  53 | 190  .71  21 | 195  2.0  79 | 0.0  016  4 | 0.8  335  79 | 40  5 |
| 8.8  35 | 57.  070  88 | 26.  76  3 | 2.0  00  85 | 1.2  01  47 | 749  .80  05 | 56.  652  13 | 1.8  58  65 | 6.  8  4  3 | 0.8  515  46 | 2.1  666  3 | 0.8  617  98 | 0.0  011  15 | 0.0  011  64 | 153  .63  42 | 200  0.2  36 | 0.0  014  41 | 0.8  510  44 | 40  4 |
| 8.8  4 | 57.  210  89 | 26.  84 | 2.0  10  09 | 1.2  08  05 | 752  .90  61 | 55.  379  2 | 1.8  64  62 | 6.  8  4 | 0.8 724 | 2.0  999  93 | 0.8 724 | 0.0  010  77 | 0.0  011  54 | 145  .92  78 | 205  2.1  08 | 0.0  014  18 | 0.8 724 | 40  7 |
| 8.8  81 | 57.  617  77 | 27.  04  3 | 2.0  29  69 | 1.2  21  07 | 759  .83  23 | 53.  981  9 | 1.8  79  54 | 6.  8  6  3 | 0.9  046  88 | 2.3  376  25 | 0.9  570  66 | 0.0  014  38 | 0.0  012  86 | 194  .16  71 | 211  3.1  63 | 0.0  017  39 | 0.9  021  38 | 40  7 |
| 8.7  69 | 56.  991  64 | 26.  76  9 | 2.0  12  93 | 1.2  12  31 | 753  .05  27 | 51.  878  62 | 1.8  61  07 | 6.  7  6  9 | 0.9  156  39 | 1.9  738  22 | 0.9  156  39 | 0.0  011  25 | 0.0  011  53 | 148  .40  57 | 215  2.9  81 | 0.0  014  74 | 0.9  156  39 | 41  2 |
| 8.7  38 | 56.  895  91 | 26.  73  8 | 2.0  14  17 | 1.2  14  17 | 753  .11  66 | 50.  350  19 | 1.8  59  52 | 6.  7  3  8 | 0.9  313  56 | 1.8  885  81 | 0.9  313  56 | 0.0  011  41 | 0.0  011  41 | 149  .47  42 | 218  9.3  37 | 0.0  014  9 | 0.9  313  56 | 41  4 |
| 9.4 | 58. 837 | 27.  4 | 1.9  88 | 1.1  76 | 751  .09  28 | 82.  938  6 | 1.8  92 | 7.  4 | 0.2  4 | 0.0  138  24 | 0.2  4 | 0.0  002  16 | 0.0  000  24 | 129  .99  18 | 545  .24  57 | 0.0  002  16 | 0.2  4 | 42  7 |
| 9.3  69 | 58.  741  27 | 27.  36  9 | 1.9  89  24 | 1.1  77  86 | 751  .15  68 | 81.  410  18 | 1.8  90  45 | 7.  3  6  9 | 0.2  948  39 | 0.2  818  88 | 0.2  948  39 | 0.0  002  94 | 0.0  001  47 | 131  .31  11 | 676  .54  76 | 0.0  003  28 | 0.2  948  39 | 42  1 |
| 9.3  29 | 58.  617  75 | 27.  32  9 | 1.9  90  84 | 1.1  80  26 | 751  .23  93 | 79.  438  02 | 1.8  88  45 | 7.  3  2  9 | 0.3  627  59 | 0.6  006  97 | 0.3  627  59 | 0.0  003  9 | 0.0  002  96 | 133  .00  12 | 839  .06  58 | 0.0  004  66 | 0.3  627  59 | 41  4 |
| 9.2  98 | 58.  522  02 | 27.  29  8 | 1.9  92  08 | 1.1  82  12 | 751  .30  33 | 77.  909  59 | 1.8  86  9 | 7.  2  9  8 | 0.4  131  96 | 0.8  267  85 | 0.4  131  96 | 0.0  004  6 | 0.0  004  03 | 134  .30  17 | 959  .66  71 | 0.0  005  67 | 0.4  131  96 | 41  7 |
| 9.2  71 | 58.  438  65 | 27.  27  1 | 1.9  93  16 | 1.1  83  74 | 751  .35  91 | 76.  578  38 | 1.8  85  55 | 7.  2  7  1 | 0.4  555  59 | 1.0  087  67 | 0.4  555  59 | 0.0  005  2 | 0.0  004  9 | 135  .42  77 | 106  0.9 | 0.0  006  52 | 0.4  555  59 | 41  3 |
| 9.2  31 | 58.  315  13 | 27.  23  1 | 1.9  94  76 | 1.1  86  14 | 751  .44  16 | 74.  606  22 | 1.8  83  55 | 7.  2  3 | 0.5  156  39 | 1.2  528  15 | 0.5  156  39 | 0.0  006  03 | 0.0  006  11 | 137  .08  45 | 120  4.3  6 | 0.0  007  7 | 0.5  156  39 | 41  2 |

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| 9.2 | 58.  219  4 | 27.  2 | 1.9  96 | 1.1  88 | 751  .50  56 | 73.  077  8 | 1.8  82 | 7.  2 | 0.5  6 | 1.4  209  64 | 0.5  6 | 0.0  006  64 | 0.0  006  96 | 138  .35  91 | 131  0.1  91 | 0.0  008  56 | 0.5  6 | 41  5 |
| 9.1  69 | 58.  123  67 | 27.  16  9 | 1.9  97  24 | 1.1  89  86 | 751  .56  96 | 71.  549  38 | 1.8  80  45 | 7.  1  6  9 | 0.6  024  39 | 1.5  707  85 | 0.6  024  39 | 0.0  007  22 | 0.0  007  74 | 139  .62  55 | 141  1.3  5 | 0.0  009  37 | 0.6  024  39 | 41  3 |
| 9.1  29 | 58.  000  15 | 27.  12  9 | 1.9  98  84 | 1.1  92  26 | 751  .65  21 | 69.  577  22 | 1.8  78  45 | 7.  1  2  9 | 0.6  543  59 | 1.7  370  21 | 0.6  543  59 | 0.0  007  92 | 0.0  008  65 | 141  .24  75 | 153  4.9  74 | 0.0  010  35 | 0.6  543  59 | 40  5 |
| 9.1  34 | 58.  140  16 | 27.  20  6 | 2.0  08  08 | 1.1  98  84 | 754  .75  77 | 68.  304  28 | 1.8  84  42 | 7.  1  2  6 | 0.6  937  64 | 1.9  029  5 | 0.7  042  3 | 0.0  009  07 | 0.0  009  52 | 151  .87  4 | 162  5.5  76 | 0.0  011  62 | 0.6  932  44 | 40  3 |
| 9.0  71 | 57.  821  05 | 27.  07  1 | 2.0  01  16 | 1.1  95  74 | 751  .77  19 | 66.  717  58 | 1.8  75  55 | 7.  0  7  1 | 0.7  239  59 | 1.9  238  63 | 0.7  239  59 | 0.0  008  85 | 0.0  009  77 | 143  .57  52 | 170  0.4  12 | 0.0  011  63 | 0.7  239  59 | 40  4 |
| 9.0  31 | 57.  697  53 | 27.  03  1 | 2.0  02  76 | 1.1  98  14 | 751  .85  44 | 64.  745  42 | 1.8  73  55 | 7.  0  3  1 | 0.7  680  39 | 2.0  153  38 | 0.7  680  39 | 0.0  009  43 | 0.0  010  39 | 145  .16  38 | 180  4.9  78 | 0.0  012  41 | 0.7  680  39 | 39  9 |
| 9 | 57.  601  8 | 27 | 2.0  04 | 1.2 | 751  .91  84 | 63. 217 | 1.8  72 | 7 | 0.8 | 2.0  652  44 | 0.8 | 0.0  009  84 | 0.0  010  8 | 146  .38  56 | 188  0.6  66 | 0.0  012  96 | 0.8 | 39  9 |
| 8.9  69 | 57.  506  07 | 26.  96  9 | 2.0  05  24 | 1.2  01  86 | 751  .98  24 | 61.  688  58 | 1.8  70  45 | 6.  9  6  9 | 0.8  300  39 | 2.0  968  22 | 0.8  300  39 | 0.0  010  22 | 0.0  011  14 | 147  .59  92 | 195  1.6  82 | 0.0  013  46 | 0.8  300  39 | 39  8 |
| 8.9  29 | 57.  382  55 | 26.  92  9 | 2.0  06  84 | 1.2  04  26 | 752  .06  49 | 59.  716  42 | 1.8  68  45 | 6.  9  2  9 | 0.8  659  59 | 2.1  104  86 | 0.8  659  59 | 0.0  010  67 | 0.0  011  47 | 149  .15  3 | 203  6.4  12 | 0.0  014  04 | 0.8  659  59 | 40  6 |
| 8.9  02 | 57.  299  18 | 26.  90  2 | 2.0  07  92 | 1.2  05  88 | 752  .12  07 | 58.  385  21 | 1.8  67  1 | 6.  9  0  2 | 0.8  883  96 | 2.1  024  6 | 0.8  883  96 | 0.0  010  94 | 0.0  011  63 | 150  .19  41 | 208  9.2  07 | 0.0  014  39 | 0.8  883  96 | 40  5 |
| 8.8  71 | 57.  203  45 | 26.  87  1 | 2.0  09  16 | 1.2  07  74 | 752  .18  47 | 56.  856  78 | 1.8  65  55 | 6.  8  7  1 | 0.9  123  59 | 2.0  760  98 | 0.9  123  59 | 0.0  011  22 | 0.0  011  75 | 151  .38  19 | 214  5.4  53 | 0.0  014  74 | 0.9  123  59 | 40  8 |
| 8.8  31 | 57.  079  93 | 26.  83  1 | 2.0  10  76 | 1.2  10  14 | 752  .26  72 | 54.  884  62 | 1.8  63  55 | 6.  8  3 | 0.9  404  39 | 2.0  150  02 | 0.9  404  39 | 0.0  011  55 | 0.0  011  8 | 152  .90  23 | 221  1.1  25 | 0.0  015  12 | 0.9  404  39 | 40  8 |

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| 8.8 | 56.  984  2 | 26.  8 | 2.0  12 | 1.2  12 | 752  .33  12 | 53.  356  2 | 1.8  62 | 6.  8 | 0.9  6 | 1.9  466  65 | 0.9  6 | 0.0  011  76 | 0.0  011  76 | 154  .07  13 | 225  6.6  7 | 0.0  015  36 | 0.9  6 | 41  2 |
| 9.4  31 | 58.  829  56 | 27.  43  1 | 1.9  87  07 | 1.1  75  69 | 750  .37  13 | 84.  416  18 | 1.8  92  93 | 7.  4  3  1 | 0.2  452  39 | 0.0  141  26 | 0.2  452  39 | 0.0  002  21 | 2.4  5E-  05 | 132  .82  94 | 557  .14  79 | 0.0  002  21 | 0.2  452  39 | 42  0 |
| 9.3  19 | 58.  203  44 | 27.  15  7 | 1.9  70  31 | 1.1  66  93 | 743  .59  17 | 82.  312  9 | 1.8  74  46 | 7.  3  3  7 | 0.3  076  45 | 0.5  572  96 | 0.3  608  27 | 0.0  006  17 | 0.0  002  6 | 178  .53  28 | 690  .23  68 | 0.0  006  22 | 0.3  049  47 | 42  1 |
| 9.3  6 | 58.  610  31 | 27.  36 | 1.9  89  91 | 1.1  79  95 | 750  .51  79 | 80.  915  6 | 1.8  89  38 | 7.  3  6 | 0.3 724 | 0.5  977  36 | 0.3 724 | 0.0 004 | 0.0  002  99 | 136  .05  03 | 861  .31  29 | 0.0  004  77 | 0.3 724 | 42  9 |
| 9.1  29 | 58.  236  44 | 27.  12  9 | 1.9  98  13 | 1.1  88  71 | 753  .15  8 | 69.  693  66 | 1.8  79  87 | 7.  1  2  9 | 0.5  123  59 | 1.4  409  03 | 0.5  123  59 | 0.0  006  13 | 0.0  006  77 | 126  .57  33 | 119  9.7  38 | 0.0  007  96 | 0.5  123  59 | 42  9 |
| 9.1  24 | 58.  096  44 | 27.  05  2 | 1.9  88  89 | 1.1  82  13 | 750  .05  24 | 70.  966  59 | 1.8  73  9 | 7.  1  3  2 | 0.4  736  34 | 1.3  222  62 | 0.4  840  53 | 0.0  006  2 | 0.0  006  17 | 134  .33  31 | 110  4.1  15 | 0.0  007  73 | 0.4  731  14 | 41  5 |
| 9.0  83 | 57.  689  56 | 26.  84  9 | 1.9  69  29 | 1.1  69  11 | 743  .12  62 | 72.  363  89 | 1.8  58  98 | 7.  1  0  9 | 0.4  315  99 | 1.5  880  88 | 0.5  409  05 | 0.0  011  44 | 0.0  007  11 | 217  .96  41 | 973  .89  17 | 0.0  011  98 | 0.4  261  27 | 41  7 |
| 9.2  27 | 58.  539  06 | 27.  22  7 | 1.9  94  21 | 1.1  82  83 | 752  .95  57 | 74.  525  45 | 1.8  84  77 | 7.  2  2  7 | 0.3  794  71 | 0.8  364  11 | 0.3  794  71 | 0.0  004  26 | 0.0  003  92 | 123  .18  44 | 881  .91  65 | 0.0  005  28 | 0.3  794  71 | 41  8 |
| 9.2  58 | 58.  634  79 | 27.  25  8 | 1.9  92  97 | 1.1  80  97 | 752  .89  17 | 76.  053  87 | 1.8  86  32 | 7.  2  5  8 | 0.3  334  36 | 0.6  070  6 | 0.3  334  36 | 0.0  003  6 | 0.0  002  88 | 122  .09  54 | 771  .66  01 | 0.0  004  34 | 0.3  334  36 | 42  0 |
| 9.2  17 | 58.  227  92 | 27.  05  5 | 1.9  73  37 | 1.1  67  95 | 745  .96  55 | 77.  451  18 | 1.8  71  4 | 7.  2  3  5 | 0.2  773  33 | 0.5  608  89 | 0.3  302  18 | 0.0  005  89 | 0.0  002  54 | 165  .63  75 | 621  .16  12 | 0.0  005  9 | 0.2  746  68 | 42  5 |
| 9.3  29 | 58.  854  04 | 27.  32  9 | 1.9  90  13 | 1.1  76  71 | 752  .74  52 | 79.  554  46 | 1.8  89  87 | 7.  3  2  9 | 0.2  207  59 | 0.0  127  16 | 0.2  207  59 | 0.0  001  99 | 2.2  1E-  05 | 119  .57  03 | 501  .53  29 | 0.0  001  99 | 0.2  207  59 | 42  4 |
| 8.6  36 | 56.  928  48 | 26.  70  8 | 2.0  27  02 | 1.2  23  82 | 757  .86  41 | 43.  911  61 | 1.8  61  48 | 6.  6  2 | 0.8  458  26 | 1.7  643  83 | 0.8  560  05 | 0.0 011 | 0.0  010  59 | 144  .70  97 | 198  5.5  19 | 0.0  014  07 | 0.8  453  38 | 42  1 |

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| 8.6  67 | 57.  024  2 | 26.  73  9 | 2.0  25  78 | 1.2  21  96 | 757  .80  01 | 45.  440  04 | 1.8  63  03 | 6.  6  5  9 | 0.8  385  79 | 1.8  870  23 | 0.8  487  75 | 0.0  010  96 | 0.0  010  88 | 143  .86  09 | 196  9.3  9 | 0.0  014  07 | 0.8  380  88 | 41  2 |
| 8.7  07 | 57.  147  72 | 26.  77  9 | 2.0  24  18 | 1.2  19  56 | 757  .71  75 | 47.  412  2 | 1.8  65  03 | 6.  6  9  9 | 0.8  263  98 | 2.0  182  95 | 0.8  366  18 | 0.0  010  86 | 0.0  011  17 | 142  .75  36 | 194  1.7  03 | 0.0  014  01 | 0.8  259  05 | 40  7 |
| 8.7  38 | 57.  243  45 | 26.  81 | 2.0  22  94 | 1.2  17  7 | 757  .65  36 | 48.  940  62 | 1.8  66  58 | 6.  7  3 | 0.8  147  67 | 2.0  991  26 | 0.8  250  04 | 0.0  010  75 | 0.0  011  3 | 141  .88  6 | 191  4.9  17 | 0.0  013  91 | 0.8  142  72 | 40  4 |
| 8.7  33 | 57.  103  45 | 26.  73  3 | 2.0  13  7 | 1.2  11  12 | 754  .54  8 | 50.  213  55 | 1.8  60  61 | 6.  7  3  3 | 0.7  997  11 | 2.0  959  73 | 0.7  997  11 | 0.0  009  95 | 0.0  011  1 | 131  .72  74 | 188  2.6  93 | 0.0  013  18 | 0.7  997  11 | 40  4 |
| 8.7  73 | 57.  226  97 | 26.  77  3 | 2.0  12  1 | 1.2  08  72 | 754  .46  54 | 52.  185  71 | 1.8  62  61 | 6.  7  7  3 | 0.7  794  71 | 2.1  512  59 | 0.7  794  71 | 0.0  009  72 | 0.0  011  1 | 130  .58  35 | 183  5.4  46 | 0.0  012  92 | 0.7  794  71 | 40  2 |
| 8.8  04 | 57.  322  7 | 26.  80  4 | 2.0  10  86 | 1.2  06  86 | 754  .40  14 | 53.  714  14 | 1.8  64  16 | 6.  8  0  4 | 0.7  615  84 | 2.1  731  17 | 0.7  615  84 | 0.0  009  51 | 0.0  011  02 | 129  .68  77 | 179  3.4  79 | 0.0  012  66 | 0.7  615  84 | 40  6 |
| 8.8  67 | 57.  641  8 | 26.  93  9 | 2.0  17  78 | 1.2  09  96 | 757  .38  73 | 55.  300  84 | 1.8  73  03 | 6.  8  5  9 | 0.7  458  06 | 2.2  394  6 | 0.7  561  18 | 0.0  009  95 | 0.0  011  15 | 138  .18  85 | 175  3.4  79 | 0.0  012  96 | 0.7  453  03 | 41  5 |
| 8.9  07 | 57.  765  32 | 26.  97  9 | 2.0  16  18 | 1.2  07  56 | 757  .30  47 | 57. 273 | 1.8  75  03 | 6.  8  9  9 | 0.7  176  9 | 2.2  187  7 | 0.7  280  25 | 0.0  009  6 | 0.0  010  85 | 137  .01  32 | 168  7.0  54 | 0.0  012  5 | 0.7  171  84 | 41  5 |
| 8.9  38 | 57.  861  05 | 27.  01 | 2.0  14  94 | 1.2  05  7 | 757  .24  08 | 58.  801  42 | 1.8  76  58 | 6.  9  3 | 0.6  937  07 | 2.1  818  32 | 0.7  040  6 | 0.0  009  29 | 0.0  010  55 | 136  .09  31 | 163  0.2  45 | 0.0  012  09 | 0.6 932 | 41  6 |
| 8.9  33 | 57.  721  05 | 26.  93  3 | 2.0  05  7 | 1.1  99  12 | 754  .13  52 | 60.  074  35 | 1.8  70  61 | 6.  9  3  3 | 0.6  665  11 | 2.0  672  57 | 0.6  665  11 | 0.0  008  3 | 0.0  009  93 | 125  .87  18 | 156  8.6  67 | 0.0  011  06 | 0.6  665  11 | 41  7 |
| 8.9  73 | 57.  844  57 | 26.  97  3 | 2.0  04  1 | 1.1  96  72 | 754  .05  26 | 62.  046  51 | 1.8  72  61 | 6.  9  7  3 | 0.6  302  71 | 1.9  699  71 | 0.6  302  71 | 0.0  007  81 | 0.0  009  35 | 124  .65  98 | 148  2.5  26 | 0.0  010  4 | 0.6  302  71 | 42  0 |
| 9.0  36 | 58.  163  68 | 27.  10  8 | 2.0  11  02 | 1.1  99  82 | 757  .03  85 | 63.  633  21 | 1.8  81  48 | 7.  0  2 | 0.6  053  01 | 1.9  449  89 | 0.6  157  11 | 0.0  008  1 | 0.0  009  13 | 133  .13  07 | 142  0.0  48 | 0.0  010  47 | 0.6  047  87 | 42  1 |

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| 9.0  67 | 58.  259  4 | 27.  13  9 | 2.0  09  78 | 1.1  97  96 | 756  .97  45 | 65.  161  64 | 1.8  83  03 | 7.  0  5  9 | 0.5  733  53 | 1.8  320  89 | 0.5  837  8 | 0.0  007  67 | 0.0  008  54 | 132  .17  66 | 134  3.8  75 | 0.0  009  86 | 0.5  728  37 | 42  7 |
| 9.1  07 | 58.  382  92 | 27.  17  9 | 2.0  08  18 | 1.1  95  56 | 756  .89  19 | 67.  133  8 | 1.8  85  03 | 7.  0  9  9 | 0.5  293  01 | 1.6  594  38 | 0.5  397  51 | 0.0  007  06 | 0.0  007  68 | 130  .93  35 | 123  8.7  11 | 0.0 009 | 0.5  287  82 | 42  7 |
| 9.1  02 | 58.  242  92 | 27.  10  2 | 1.9  98  94 | 1.1  88  98 | 753  .78  64 | 68.  406  73 | 1.8  79  06 | 7.  1  0  2 | 0.4  915  96 | 1.4  483  34 | 0.4  915  96 | 0.0  005  91 | 0.0  006  7 | 120  .65  83 | 115  1.7  23 | 0.0  007  71 | 0.4  915  96 | 42  1 |
| 9.1  33 | 58.  338  65 | 27.  13  3 | 1.9  97  7 | 1.1  87  12 | 753  .72  24 | 69.  935  15 | 1.8  80  61 | 7.  1  3  3 | 0.4  533  11 | 1.2  756  82 | 0.4  533  11 | 0.0  005  37 | 0.0  005  88 | 119  .67  55 | 106  0.1  71 | 0.0  006  94 | 0.4  533  11 | 41  8 |
| 9.1  73 | 58.  462  17 | 27.  17  3 | 1.9 96  1 | 1.1 84  72 | 753  .63  98 | 71.  907  31 | 1.8 82  61 | 7.  1  7  3 | 0.4  010  71 | 1.0  258  23 | 0.4  010  71 | 0.0  004  63 | 0.0  004  72 | 118  .39  54 | 935  .13  47 | 0.0  005  87 | 0.4  010  71 | 41  8 |
| 9.2  36 | 58.  781  28 | 27.  30  8 | 2.0  03  02 | 1.1  87  82 | 756  .62  57 | 73.  494  01 | 1.8  91  48 | 7.  2  2  8 | 0.3  655  19 | 0.8  955  81 | 0.3  760  43 | 0.0  004  74 | 0.0  004  1 | 126  .83  2 | 846  .77  36 | 0.0  005  68 | 0.3  649  92 | 41  9 |
| 9.2  67 | 58. 877 | 27.  33  9 | 2.0  01  78 | 1.1  85  96 | 756  .56  17 | 75.  022  44 | 1.8  93  03 | 7.  2  5  9 | 0.3  212  2 | 0.6  649  1 | 0.3  317  63 | 0.0  004  11 | 0.0  003  07 | 125  .82  53 | 740  .57  81 | 0.0  004  76 | 0.3  206  91 | 41  8 |
| 9.3  07 | 59.  000  52 | 27.  37  9 | 2.0  00  18 | 1.1  83  56 | 756  .47  91 | 76.  994  6 | 1.8  95  03 | 7.  2  9  9 | 0.2  612  32 | 0.3  402  97 | 0.2  717  98 | 0.0  003  24 | 0.0  001  63 | 124  .51  43 | 596  .67  55 | 0.0  003  5 | 0.2  607  01 | 42  4 |
| 9.3  38 | 59.  096  25 | 27.  41 | 1.9  98  94 | 1.1  81  7 | 756  .41  52 | 78.  523  02 | 1.8  96  58 | 7.  3  3 | 0.2  125  49 | 0.0  678  18 | 0.2  231  32 | 0.0  002  54 | 4.3  4E-  05 | 123  .48  89 | 479  .82  21 | 0.0  002  47 | 0.2  120  16 | 43  3 |
| 8.5  42 | 56.  616  81 | 26.  54  2 | 2.0  21  03 | 1.2  21  03 | 755  .59  97 | 40.  847  33 | 1.8  51  68 | 6.  5  4  2 | 0.7  902  36 | 1.6  024  22 | 0.7  902  36 | 0.0  009  68 | 0.0  009  68 | 126  .82  57 | 185  7.6  06 | 0.0  012  64 | 0.7  902  36 | 42  4 |
| 8.6  05 | 56.  935  92 | 26.  67  7 | 2.0  27  95 | 1.2  24  13 | 758  .58  56 | 42.  434  03 | 1.8  60  55 | 6.  5  9  7 | 0.7  891  59 | 1.7  957  58 | 0.7  993  2 | 0.0  010  36 | 0.0  010  31 | 135  .43  69 | 185  3.4  08 | 0.0  013  3 | 0.7  886  73 | 42  1 |
| 8.7  17 | 57. 562 | 26.  95 | 2.0  44 | 1.2  32 | 765  .36 | 44. 537 | 1.8  79 | 6.  6 | 0.7 967 | 2.4 583 | 0.9 052 | 0.0 016 | 0.0 013 | 223  .45 | 184  5.6 | 0.0 018 | 0.7 915 | 41  5 |

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|  | 04 | 1 | 71 | 89 | 52 | 31 | 02 | 9  1 | 3 | 36 | 32 | 69 | 04 | 24 | 77 | 73 | 22 |  |
| 8.6  76 | 57.  155  16 | 26.  74  8 | 2.0  25  11 | 1.2  19  87 | 758  .43  9 | 45.  934  61 | 1.8  64  1 | 6.  6  6  8 | 0.7  741  16 | 2.0  464  2 | 0.7  843  18 | 0.0  010  27 | 0.0  010  92 | 133  .69  13 | 181  9.8  96 | 0.0  013  3 | 0.7  736  25 | 41  2 |
| 8.6  71 | 57.  015  16 | 26.  67  1 | 2.0  15  87 | 1.2  13  29 | 755  .33  34 | 47.  207  54 | 1.8  58  13 | 6.  6  7  1 | 0.7  627  59 | 2.0  589  46 | 0.7  627  59 | 0.0  009  52 | 0.0  010  79 | 123  .64  79 | 179  6.4  66 | 0.0  012  66 | 0.7  627  59 | 40  9 |
| 8.7  83 | 57.  641  29 | 26.  94  5 | 2.0  32  63 | 1.2  22  05 | 762  .11  31 | 49.  310  83 | 1.8  76  6 | 6.  7  6  5 | 0.7  581  81 | 2.4  176  94 | 0.8  102  72 | 0.0  012  74 | 0.0  012  16 | 169  .72  46 | 177  1.9  56 | 0.0  015  4 | 0.7  556  62 | 41  1 |
| 8.7  42 | 57.  234  41 | 26.  74  2 | 2.0  13  03 | 1.2  09  03 | 755  .18  69 | 50.  708  13 | 1.8  61  68 | 6.  7  4  2 | 0.7  334  36 | 2.1  748  03 | 0.7  334  36 | 0.0  009  21 | 0.0  010  89 | 121  .83  85 | 172  8.2  97 | 0.0  012  31 | 0.7  334  36 | 41  2 |
| 8.7  73 | 57.  330  14 | 26.  77  3 | 2.0  11  79 | 1.2  07  17 | 755  .12  29 | 52.  236  55 | 1.8  63  23 | 6.  7  7  3 | 0.7  174  71 | 2.1  952  37 | 0.7  174  71 | 0.0  009  02 | 0.0  010  82 | 121  .03  49 | 169  0.8  47 | 0.0  012  08 | 0.7  174  71 | 40  9 |
| 8.9  17 | 58.  179  64 | 27.  15  1 | 2.0  36  71 | 1.2  20  89 | 764  .95  24 | 54.  398  11 | 1.8  89  02 | 6.  8  9  1 | 0.7  157  79 | 2.7  924  33 | 0.8  254  97 | 0.0  015  76 | 0.0  013  27 | 218  .31  53 | 165  6.2  78 | 0.0  017  82 | 0.7  104  35 | 41  3 |
| 8.8  76 | 57.  772  76 | 26.  94  8 | 2.0  17  11 | 1.2  07  87 | 758  .02  62 | 55.  795  41 | 1.8  74  1 | 6.  8  6  8 | 0.6  777  58 | 2.2  377  43 | 0.6  880  75 | 0.0  009  16 | 0.0  010  68 | 128  .54  43 | 159  4.2  7 | 0.0  011  98 | 0.6  772  54 | 41  7 |
| 8.8  71 | 57.  632  76 | 26.  87  1 | 2.0  07  87 | 1.2  01  29 | 754  .92  06 | 57.  068  34 | 1.8  68  13 | 6.  8  7  1 | 0.6  543  59 | 2.1  392  83 | 0.6  543  59 | 0.0  008  22 | 0.0  010  14 | 118  .44  09 | 154  1.7  24 | 0.0  011  03 | 0.6  543  59 | 41  8 |
| 8.9  83 | 58.  258  89 | 27.  14  5 | 2.0  24  63 | 1.2  10  05 | 761  .70  03 | 59.  171  63 | 1.8  86  6 | 6.  9  6  5 | 0.6  369  6 | 2.3  688  61 | 0.6  896  34 | 0.0  011  2 | 0.0  010  99 | 164  .45  36 | 148  5.3  6 | 0.0  013  47 | 0.6  343  76 | 42  0 |
| 8.9  42 | 57.  852  01 | 26.  94  2 | 2.0  05  03 | 1.1  97  03 | 754  .77  41 | 60.  568  93 | 1.8  71  68 | 6.  9  4  2 | 0.5  966  36 | 1.9  843  26 | 0.5  966  36 | 0.0  007  45 | 0.0  009  21 | 116  .51  04 | 140  4.5  17 | 0.0  009  97 | 0.5  966  36 | 42  1 |
| 9.0  05 | 58.  171  12 | 27.  07  7 | 2.0  11  95 | 1.2  00  13 | 757  .76 | 62.  155  63 | 1.8  80  55 | 6.  9  9  7 | 0.5  733  35 | 1.9  580  58 | 0.5  837  27 | 0.0  007  76 | 0.0  009  01 | 125  .04  43 | 134  5.9  85 | 0.0  010  07 | 0.5  728  23 | 42  1 |

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| 9.1  17 | 58.  797  24 | 27.  35  1 | 2.0  28  71 | 1.2  08  89 | 764  .53  96 | 64.  258  91 | 1.8  99  02 | 7.  0  9  1 | 0.5  558  67 | 2.3  735  88 | 0.6  668  03 | 0.0  013  57 | 0.0  010  65 | 212  .84  18 | 127  4.9  37 | 0.0  014  94 | 0.5  503  89 | 42  2 |
| 9.0  4 | 58.  154  63 | 27.  04 | 2.0  01  11 | 1.1  91  15 | 754  .57  18 | 65.  400  72 | 1.8  76  58 | 7.  0  4 | 0.5 004 | 1.6  125  1 | 0.5 004 | 0.0  006  12 | 0.0  007  34 | 113  .77  53 | 117  4.8  74 | 0.0  008  1 | 0.5 004 | 41  6 |
| 9.0  71 | 58.  250  36 | 27.  07  1 | 1.9  99  87 | 1.1  89  29 | 754  .50  78 | 66.  929  14 | 1.8  78  13 | 7.  0  7  1 | 0.4  659  59 | 1.4  567  61 | 0.4  659  59 | 0.0  005  64 | 0.0  006  61 | 112  .89  3 | 109  2.5  1 | 0.0  007  4 | 0.4  659  59 | 41  7 |
| 9.1  83 | 58.  876  49 | 27.  34  5 | 2.0  16  63 | 1.1  98  05 | 761  .28  75 | 69.  032  43 | 1.8  96  6 | 7.  1  6  5 | 0.4  364  58 | 1.5  640  34 | 0.4  897  16 | 0.0  008  39 | 0.0  006  96 | 158  .84  48 | 100  6.0  44 | 0.0  009  55 | 0.4  338  1 | 41  9 |
| 9.1  42 | 58.  469  61 | 27.  14  2 | 1.9  97  03 | 1.1  85  03 | 754  .36  13 | 70.  429  73 | 1.8  81  68 | 7.  1  4  2 | 0.3  798  36 | 1.0  309  88 | 0.3  798  36 | 0.0  004  41 | 0.0  004  66 | 110  .84  16 | 886  .26  66 | 0.0  005  64 | 0.3  798  36 | 41  6 |
| 9.2  05 | 58.  788  72 | 27.  27  7 | 2.0  03  95 | 1.1  88  13 | 757  .34  72 | 72.  016  43 | 1.8  90  55 | 7.  1  9  7 | 0.3  459  03 | 0.8  994  96 | 0.3  564  1 | 0.0  004  55 | 0.0  004  05 | 119  .33  89 | 801  .73  44 | 0.0  005  47 | 0.3  453  78 | 42  0 |
| 9.3  17 | 59.  414  84 | 27.  55  1 | 2.0  20  71 | 1.1  96  89 | 764  .12  68 | 74.  119  71 | 1.9  09  02 | 7.  2  9  1 | 0.3  169  95 | 1.2 018 | 0.4  291  48 | 0.0  010  11 | 0.0  005  19 | 207  .03  19 | 701  .65  26 | 0.0  010  09 | 0.3  113  82 | 42  6 |
| 9.2  76 | 59.  007  96 | 27.  34  8 | 2.0  01  11 | 1.1  83  87 | 757  .20  06 | 75.  517  01 | 1.8  94  1 | 7.  2  6  8 | 0.2  460  01 | 0.3  409  63 | 0.2  565  48 | 0.0  003  1 | 0.0  001  6 | 117  .23  18 | 561  .93  99 | 0.0  003  35 | 0.2  454  71 | 42  2 |
| 9.2  71 | 58.  867  96 | 27.  27  1 | 1.9  91  87 | 1.1  77  29 | 754  .09  5 | 76.  789  94 | 1.8  88  13 | 7.  2  7  1 | 0.1  975  59 | 0.0  113  79 | 0.1  975  59 | 0.0  001  78 | 1.9  8E-  05 | 107  .00  44 | 448  .82  58 | 0.0  001  78 | 0.1  975  59 | 43  1 |
| 8.4  62 | 56.  502  89 | 26.  46  2 | 2.0  23  83 | 1.2  23  83 | 756  .61  32 | 36.  968  61 | 1.8  48  48 | 6.  4  6  2 | 0.7  105  56 | 1.4  408  48 | 0.7  105  56 | 0.0  008  7 | 0.0  008  7 | 114  .03  78 | 167  0.3  03 | 0.0  011  37 | 0.7  105  56 | 42  5 |
| 8.4  21 | 56.  096  01 | 26.  25  9 | 2.0  04  23 | 1.2  10  81 | 749  .68  7 | 38.  365  91 | 1.8  33  56 | 6.  4  3  9 | 0.7  155  4 | 1.8  533  81 | 0.7  661  03 | 0.0  012  04 | 0.0  010  35 | 159  .03  67 | 166  9.7  72 | 0.0  014  26 | 0.7  131  33 | 42  0 |
| 8.5  65 | 56.  945  52 | 26.  63  7 | 2.0  29  15 | 1.2  24  53 | 759  .51  65 | 40.  527  47 | 1.8  59  35 | 6.  5  5 | 0.7  132  12 | 1.8  360  78 | 0.7  233  5 | 0.0  009  51 | 0.0  009  96 | 121  .93  98 | 167  6.5  17 | 0.0  012  28 | 0.7  127  28 | 41  5 |

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| 8.5  96 | 57.  041  24 | 26.  66  8 | 2.0  27  91 | 1.2  22  67 | 759  .45  25 | 42.  055  89 | 1.8  60  9 | 6.  5  8  8 | 0.7  103  49 | 1.9  554  69 | 0.7  205  05 | 0.0  009  52 | 0.0  010  28 | 121  .30  16 | 167  0.6  92 | 0.0  012  35 | 0.7  098  63 | 41  5 |
| 8.6  35 | 57.  118  88 | 26.  56  3 | 2.0  06  85 | 1.2  03  47 | 754  .45  51 | 47.  119  33 | 1.8  52  65 | 6.  6  4  3 | 0.5  595  22 | 2.3  096  44 | 0.5  696  59 | 0.0  007  92 | 0.0  010  35 | 94.  326  78 | 132  1.2  77 | 0.0  010  57 | 0.5  590  33 | 43  5 |
| 8.6  4 | 57.  258  89 | 26.  64 | 2.0  16  09 | 1.2  10  05 | 757  .56  07 | 45.  846  4 | 1.8  58  62 | 6.  6  4 | 0.5 684 | 2.2  514  92 | 0.5 684 | 0.0  007  4 | 0.0  010  18 | 85.  716  61 | 134  4.9  23 | 0.0  010  17 | 0.5 684 | 44  2 |
| 8.6  81 | 57.  665  77 | 26.  84  3 | 2.0  35  69 | 1.2  23  07 | 764  .48  69 | 44.  449  1 | 1.8  73  54 | 6.  6  6  3 | 0.5  854  77 | 2.4  998  66 | 0.6  372  71 | 0.0  010  85 | 0.0  011  42 | 133  .33  46 | 137  0.8  93 | 0.0  013  15 | 0.5  829  91 | 43  6 |
| 8.5  69 | 57.  039  64 | 26.  56  9 | 2.0  18  93 | 1.2  14  31 | 757  .70  73 | 42.  345  82 | 1.8  55  07 | 6.  5  6  9 | 0.5  832  39 | 2.1  463  69 | 0.5  832  39 | 0.0  007  54 | 0.0  01 | 86.  830  35 | 137  9.0  55 | 0.0  010  31 | 0.5  832  39 | 43  6 |
| 8.5  38 | 56.  943  91 | 26.  53  8 | 2.0  20  17 | 1.2  16  17 | 757  .77  12 | 40.  817  39 | 1.8  53  52 | 6.  5  3  8 | 0.5  865  56 | 2.0  703  18 | 0.5  865  56 | 0.0  007  55 | 0.0  009  8 | 87.  303  16 | 138  6.2  71 | 0.0  010  28 | 0.5  865  56 | 43  3 |
| 8.5  79 | 57.  350  79 | 26.  74  1 | 2.0  39  77 | 1.2  29  19 | 764  .69  74 | 39.  420  09 | 1.8  68  44 | 6.  5  6  1 | 0.5  961  52 | 2.2  489  58 | 0.6  476  49 | 0.0  010  9 | 0.0  010  79 | 134  .90  23 | 139  4.3  9 | 0.0  013  06 | 0.5  936  99 | 42  9 |
| 8.4  67 | 56.  724  66 | 26.  46  7 | 2.0  23  01 | 1.2  20  43 | 757  .91  78 | 37.  316  81 | 1.8  49  97 | 6.  4  6  7 | 0.5  869  11 | 1.8  270  79 | 0.5  869  11 | 0.0  007  46 | 0.0  009  1 | 88.  355  19 | 138  5.1  93 | 0.0  010  05 | 0.5  869  11 | 43  2 |
| 8.4  4 | 56.  641  29 | 26.  44 | 2.0  24  09 | 1.2  22  05 | 757  .97  35 | 35.  985  6 | 1.8  48  62 | 6.  4  4 | 0.5 844 | 1.7  093  48 | 0.5 844 | 0.0  007  38 | 0.0  008  73 | 88.  743  99 | 137  8.3  51 | 0.0  009  9 | 0.5 844 | 42  9 |
| 8.4  81 | 57.  048  17 | 26.  64  3 | 2.0  43  69 | 1.2  35  07 | 764  .89  97 | 34.  588  3 | 1.8  63  54 | 6.  4  6  3 | 0.5  869  85 | 1.8  226  7 | 0.6  381  96 | 0.0  010  64 | 0.0  009  5 | 136  .32  57 | 136  9.7  49 | 0.0  012  49 | 0.5  845  64 | 42  8 |
| 8.3  69 | 56.  422  04 | 26.  36  9 | 2.0  26  93 | 1.2  26  31 | 758  .12  01 | 32.  485  02 | 1.8  45  07 | 6.  3  6  9 | 0.5  708  39 | 1.3  334  09 | 0.5  708  39 | 0.0  007  07 | 0.0  007  52 | 89.  736  74 | 134  3.4  46 | 0.0  009  32 | 0.5  708  39 | 43  1 |
| 8.3  38 | 56.  326  31 | 26.  33  8 | 2.0  28  17 | 1.2  28  17 | 758  .18  4 | 30.  956  59 | 1.8  43  52 | 6.  3  3 | 0.5  617  56 | 1.1  391  15 | 0.5  617  56 | 0.0  006  88 | 0.0  006  88 | 90.  156  72 | 132  0.5  19 | 0.0  008  99 | 0.5  617  56 | 43  2 |

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| 9.2 | 58. 885 | 27.  2 | 1.9  94 | 1.1  78 | 755  .74  74 | 73.  405  8 | 1.8  86 | 7.  2 | 0.1  6 | 0.0  092  16 | 0.1  6 | 0.0  001  44 | 0.0  000  16 | 86.  661  2 | 363  .49  71 | 0.0  001  44 | 0.1  6 | 43  8 |
| 9.1  69 | 58.  789  27 | 27.  16  9 | 1.9  95  24 | 1.1  79  86 | 755  .81  14 | 71.  877  38 | 1.8  84  45 | 7.  1  6  9 | 0.2  024  39 | 0.2  864  7 | 0.2  024  39 | 0.0  002  07 | 0.0  001  32 | 87.  384  81 | 465  .65  88 | 0.0  002  38 | 0.2  024  39 | 43  4 |
| 9.1  29 | 58.  665  75 | 27.  12  9 | 1.9  96  84 | 1.1  82  26 | 755  .89  39 | 69.  905  22 | 1.8  82  45 | 7.  1  2  9 | 0.2  543  59 | 0.6  171  36 | 0.2  543  59 | 0.0  002  84 | 0.0  002  7 | 88.  306  4 | 590  .57  65 | 0.0  003  51 | 0.2  543  59 | 43  8 |
| 9.1  34 | 58.  805  76 | 27.  20  6 | 2.0  06  08 | 1.1  88  84 | 758  .99  95 | 68.  632  28 | 1.8  88  42 | 7.  1  2  6 | 0.2  937  64 | 0.9  080  49 | 0.3  042  3 | 0.0  004  04 | 0.0  003  93 | 98.  270  51 | 682  .19  33 | 0.0  004  91 | 0.2  932  44 | 42  4 |
| 9.0  71 | 58.  486  65 | 27.  07  1 | 1.9  99  16 | 1.1  85  74 | 756  .01  37 | 67.  045  58 | 1.8  79  55 | 7.  0  7  1 | 0.3  239  59 | 1.0  424  01 | 0.3  239  59 | 0.0  003  86 | 0.0  004  51 | 89.  618  5 | 757  .89  02 | 0.0  005  02 | 0.3  239  59 | 42  7 |
| 9.0  31 | 58.  363  13 | 27.  03  1 | 2.0  00  76 | 1.1  88  14 | 756  .09  62 | 65.  073  42 | 1.8  77  55 | 7.  0  3  1 | 0.3  680  39 | 1.2  983  07 | 0.3  680  39 | 0.0  004  5 | 0.0  005  62 | 90.  506  69 | 863  .74  98 | 0.0  005  96 | 0.3  680  39 | 42  7 |
| 9 | 58.  267  4 | 27 | 2.0  02 | 1.1  9 | 756  .16  02 | 63. 545 | 1.8  76 | 7 | 0.4 | 1.4  756  45 | 0.4 | 0.0  004  96 | 0.0  006  4 | 91.  185  66 | 940  .44  07 | 0.0  006  64 | 0.4 | 42  6 |
| 8.9  69 | 58.  171  67 | 26.  96  9 | 2.0  03  24 | 1.1  91  86 | 756  .22  42 | 62.  016  58 | 1.8  74  45 | 6.  9  6  9 | 0.4  300  39 | 1.6  346  57 | 0.4  300  39 | 0.0  005  39 | 0.0  007  11 | 91.  856  44 | 101  2.4  59 | 0.0  007  27 | 0.4  300  39 | 42  9 |
| 8.9  29 | 58.  048  15 | 26.  92  9 | 2.0  04  84 | 1.1  94  26 | 756  .30  67 | 60.  044  42 | 1.8  72  45 | 6.  9  2  9 | 0.4  659  59 | 1.8  127  51 | 0.4  659  59 | 0.0  005  9 | 0.0  007  92 | 92.  709  87 | 109  8.4  83 | 0.0 008 | 0.4  659  59 | 42  7 |
| 8.8  98 | 57.  952  42 | 26.  89  8 | 2.0  06  08 | 1.1  96  12 | 756  .37  07 | 58.  515  99 | 1.8  70  9 | 6.  8  9  8 | 0.4  915  96 | 1.9  297  85 | 0.4  915  96 | 0.0  006  26 | 0.0  008  47 | 93.  361  9 | 115  9.8  01 | 0.0  008  52 | 0.4  915  96 | 43  8 |
| 8.8  71 | 57.  869  05 | 26.  87  1 | 2.0  07  16 | 1.1  97  74 | 756  .42  65 | 57.  184  78 | 1.8  69  55 | 6.  8  7  1 | 0.5  123  59 | 2.0  167  86 | 0.5  123  59 | 0.0  006  55 | 0.0  008  9 | 93.  923  13 | 120  9.4 | 0.0  008  93 | 0.5  123  59 | 43  5 |
| 8.8  31 | 57.  745  53 | 26.  83  1 | 2.0  08  76 | 1.2  00  14 | 756  .50  9 | 55.  212  62 | 1.8  67  55 | 6.  8  3 | 0.5  404  39 | 2.1  201  2 | 0.5  404  39 | 0.0  006  94 | 0.0  009  43 | 94.  743  16 | 127  6.3  66 | 0.0  009  47 | 0.5  404  39 | 42  9 |

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| 8.8 | 57.  649  8 | 26.  8 | 2.0  1 | 1.2  02 | 756  .57  3 | 53.  684  2 | 1.8  66 | 6.  8 | 0.5  6 | 2.1  792  15 | 0.5  6 | 0.0  007  2 | 0.0  009  76 | 95.  369  3 | 132  2.9  14 | 0.0  009  84 | 0.5  6 | 42  9 |
| 8.7  69 | 57.  554  07 | 26.  76  9 | 2.0  11  24 | 1.2  03  86 | 756  .63  7 | 52.  155  78 | 1.8  64  45 | 6.  7  6  9 | 0.5  776  39 | 2.2  199  83 | 0.5  776  39 | 0.0  007  43 | 0.0  010  02 | 95.  987  26 | 136  4.7  89 | 0.0  010  16 | 0.5  776  39 | 43  1 |
| 8.7  29 | 57.  430  55 | 26.  72  9 | 2.0  12  84 | 1.2  06  26 | 756  .71  95 | 50.  183  62 | 1.8  62  45 | 6.  7  2  9 | 0.5  975  59 | 2.2  455  05 | 0.5  975  59 | 0.0  007  69 | 0.0  010  26 | 96.  772  53 | 141  1.9  19 | 0.0  010  49 | 0.5  975  59 | 43  7 |
| 8.7  02 | 57.  347  18 | 26.  70  2 | 2.0  13  92 | 1.2  07  88 | 756  .77  53 | 48.  852  41 | 1.8  61  1 | 6.  7  0  2 | 0.6  091  96 | 2.2  454  83 | 0.6  091  96 | 0.0  007  83 | 0.0  010  36 | 97.  294  88 | 143  9.3  34 | 0.0  010  68 | 0.6  091  96 | 43  5 |
| 8.6  71 | 57.  251  45 | 26.  67  1 | 2.0  15  16 | 1.2  09  74 | 756  .83  93 | 47.  323  98 | 1.8  59  55 | 6.  6  7  1 | 0.6  207  59 | 2.2  283  11 | 0.6  207  59 | 0.0  007  97 | 0.0  010  4 | 97.  886  95 | 146  6.4  39 | 0.0  010  84 | 0.6  207  59 | 44  2 |
| 8.6  31 | 57.  127  93 | 26.  63  1 | 2.0  16  76 | 1.2  12  14 | 756  .92  18 | 45.  351  82 | 1.8  57  55 | 6.  6  3  1 | 0.6  328  39 | 2.1  790  73 | 0.6  328  39 | 0.0  008  1 | 0.0  010  35 | 98.  638  82 | 149  4.5  11 | 0.0  010  98 | 0.6  328  39 | 43  2 |
| 8.6 | 57.  032  2 | 26.  6 | 2.0  18 | 1.2  14 | 756  .98  58 | 43.  823  4 | 1.8  56 | 6.  6 | 0.6  4 | 2.1  199  26 | 0.6  4 | 0.0  008  16 | 0.0  010  24 | 99.  212  14 | 151  0.9  16 | 0.0  011  04 | 0.6  4 | 42  4 |
| 8.5  69 | 56.  936  47 | 26.  56  9 | 2.0  19  24 | 1.2  15  86 | 757  .04  98 | 42.  294  98 | 1.8  54  45 | 6.  5  6  9 | 0.6  452  39 | 2.0  424  5 | 0.6  452  39 | 0.0  008  19 | 0.0  010  06 | 99.  777  27 | 152  2.6  48 | 0.0  011  05 | 0.6  452  39 | 42  4 |
| 8.5  29 | 56.  812  95 | 26.  52  9 | 2.0  20  84 | 1.2  18  26 | 757  .13  23 | 40.  322  82 | 1.8  52  45 | 6.  5  2  9 | 0.6  491  59 | 1.9  154  01 | 0.6  491  59 | 0.0  008  19 | 0.0  009  72 | 100  .49  44 | 153  0.8  84 | 0.0  010  98 | 0.6  491  59 | 42  2 |
| 8.5  34 | 56.  952  96 | 26.  60  6 | 2.0  30  08 | 1.2  24  84 | 760  .23  79 | 39.  049  88 | 1.8  58  42 | 6.  5  2  6 | 0.6  521  61 | 1.8  672  01 | 0.6  622  81 | 0.0  008  83 | 0.0  009  68 | 110  .29  22 | 153  4.4  46 | 0.0  011  47 | 0.6  516  79 | 42  2 |
| 8.4  71 | 56.  633  85 | 26.  47  1 | 2.0  23  16 | 1.2  21  74 | 757  .25  21 | 37.  463  18 | 1.8  49  55 | 6.  4  7  1 | 0.6  491  59 | 1.6  769  77 | 0.6  491  59 | 0.0  008  1 | 0.0  009  02 | 101  .51 | 152  9.0  08 | 0.0  010  75 | 0.6  491  59 | 42  4 |
| 8.4  31 | 56.  510  33 | 26.  43  1 | 2.0  24  76 | 1.2  24  14 | 757  .33  46 | 35.  491  02 | 1.8  47  55 | 6.  4  3 | 0.6  452  39 | 1.4  751  68 | 0.6  452  39 | 0.0  007  97 | 0.0  008  4 | 102  .19  37 | 151  8.1  85 | 0.0  010  49 | 0.6  452  39 | 42  7 |

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| 8.4 | 56.  414  6 | 26.  4 | 2.0  26 | 1.2  26 | 757  .39  86 | 33.  962  6 | 1.8  46 | 6.  4 | 0.6  4 | 1.2  977  77 | 0.6  4 | 0.0  007  84 | 0.0  007  84 | 102  .71  42 | 150  4.4  47 | 0.0  010  24 | 0.6  4 | 43  5 |
| 9.2  31 | 58.  877  56 | 27.  23  1 | 1.9  93  07 | 1.1  77  69 | 755  .02  59 | 74.  883  38 | 1.8  86  93 | 7.  2  3  1 | 0.1  776  39 | 0.0  102  32 | 0.1  776  39 | 0.0  001  6 | 1.7  8E-  05 | 96.  215  06 | 403  .57  04 | 0.0  001  6 | 0.1  776  39 | 43  2 |
| 9.1  19 | 58.  251  44 | 26.  95  7 | 1.9  76  31 | 1.1  68  93 | 748  .24  63 | 72.  780  1 | 1.8  68  46 | 7.  1  3  7 | 0.2  284  34 | 0.5  632  02 | 0.2  810  32 | 0.0  005  44 | 0.0  002  46 | 142  .53  63 | 509  .86  52 | 0.0  005  42 | 0.2 258 | 43  2 |
| 9.1  96 | 58.  894  04 | 27.  26  8 | 2.0  03  91 | 1.1  86  67 | 758  .21  41 | 71.  638  29 | 1.8  90  9 | 7.  1  8  8 | 0.2  778  5 | 0.6  704  66 | 0.2  883  51 | 0.0  003  69 | 0.0  002  97 | 107  .34  22 | 641  .30  11 | 0.0  004  31 | 0.2  773  25 | 42  8 |
| 9.1  65 | 58.  798  32 | 27.  23  7 | 2.0  05  15 | 1.1  88  53 | 758  .27  81 | 70.  109  87 | 1.8  89  35 | 7.  1  5  7 | 0.3  177  64 | 0.9  043  86 | 0.3  282  48 | 0.0  004  27 | 0.0  003  98 | 108  .13  83 | 737  .19  32 | 0.0  005  16 | 0.3  172  42 | 42  9 |
| 9.0  21 | 57.  948  81 | 26.  85  9 | 1.9  80  23 | 1.1  74  81 | 748  .44  86 | 67.  948  31 | 1.8  63  56 | 7.  0  3  9 | 0.3  561  53 | 1.3  100  93 | 0.4  084  66 | 0.0  007  32 | 0.0  005  71 | 145  .10  57 | 816  .94 | 0.0  008  14 | 0.3  535  51 | 42  7 |
| 9.0  62 | 58.  355  69 | 27.  06  2 | 1.9  99  83 | 1.1  87  83 | 755  .37  48 | 66.  551  01 | 1.8  78  48 | 7.  0  6  2 | 0.3  961  56 | 1.2  915  57 | 0.3  961  56 | 0.0  004  78 | 0.0  005  7 | 100  .56  39 | 928  .44  67 | 0.0  006  28 | 0.3  961  56 | 42  9 |
| 9.0  31 | 58.  259  96 | 27.  03  1 | 2.0  01  07 | 1.1  89  69 | 755  .43  87 | 65.  022  58 | 1.8  76  93 | 7.  0  3  1 | 0.4  300  39 | 1.4  674  72 | 0.4  300  39 | 0.0  005  27 | 0.0  006  49 | 101  .33  52 | 100  9.6  54 | 0.0  006  98 | 0.4  300  39 | 42  5 |
| 8.9  19 | 57.  633  84 | 26.  75  7 | 1.9  84  31 | 1.1  80  93 | 748  .65  91 | 62.  919  3 | 1.8  58  46 | 6.  9  3  7 | 0.4  685  02 | 1.8  911  89 | 0.5  205  18 | 0.0  008  94 | 0.0  008  34 | 147  .69  23 | 108  6.5  12 | 0.0  010  46 | 0.4  659  33 | 42  3 |
| 8.9  6 | 58.  040  71 | 26.  96 | 2.0  03  91 | 1.1  93  95 | 755  .58  53 | 61. 522 | 1.8  73  38 | 6.  9  6 | 0.5 004 | 1.8  013  14 | 0.5 004 | 0.0  006  26 | 0.0  008  04 | 103  .07  08 | 117  8.0  41 | 0.0  008  42 | 0.5 004 | 42  8 |
| 8.9  65 | 58.  180  72 | 27.  03  7 | 2.0  13  15 | 1.2  00  53 | 758  .69  09 | 60.  249  07 | 1.8  79  35 | 6.  9  5  7 | 0.5  292  6 | 1.9  747  58 | 0.5  396  28 | 0.0  007  29 | 0.0  008  84 | 113  .07  83 | 124  3.9  94 | 0.0  009  53 | 0.5  287  5 | 42  7 |
| 8.8  21 | 57.  331  21 | 26.  65  9 | 1.9  88  23 | 1.1  86  81 | 748  .86  14 | 58.  087  51 | 1.8  53  56 | 6.  8  3 | 0.5  566  69 | 2.2  609  14 | 0.6  083  98 | 0.0  010  18 | 0.0  010  16 | 150  .09  32 | 129  7.4  38 | 0.0  012  2 | 0.5  541  32 | 43  2 |

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| 8.8  62 | 57.  738  09 | 26.  86  2 | 2.0  07  83 | 1.1  99  83 | 755  .78  76 | 56.  690  21 | 1.8  68  48 | 6.  8  6  2 | 0.5  809  56 | 2.1  041  8 | 0.5  809  56 | 0.0  007  37 | 0.0  009  58 | 105  .39  6 | 137  0.2  03 | 0.0  009  98 | 0.5  809  56 | 42  6 |
| 8.8  31 | 57.  642  36 | 26.  83  1 | 2.0  09  07 | 1.2  01  69 | 755  .85  15 | 55.  161  78 | 1.8  66  93 | 6.  8  3  1 | 0.6  024  39 | 2.1  618  52 | 0.6  024  39 | 0.0  007  66 | 0.0  009  93 | 106  .11  44 | 142  1.2  67 | 0.0  010  37 | 0.6  024  39 | 43  5 |
| 8.7  19 | 57.  016  24 | 26.  55  7 | 1.9  92  31 | 1.1  92  93 | 749  .07  19 | 53.  058  5 | 1.8  48  46 | 6.  7  3  7 | 0.6  278  5 | 2.4  494  5 | 0.6  792  83 | 0.0  011  15 | 0.0  011  31 | 152  .50  45 | 146  6.9  38 | 0.0  013  49 | 0.6  253  46 | 42  9 |
| 8.7  96 | 57.  658  84 | 26.  86  8 | 2.0  19  91 | 1.2  10  67 | 759  .03  97 | 51.  916  69 | 1.8  70  9 | 6.  7  8  8 | 0.6  458  62 | 2.2  869  43 | 0.6  561  34 | 0.0  008  85 | 0.0  010  71 | 116  .98  79 | 152  1.2  55 | 0.0  011  66 | 0.6  453  64 | 42  7 |
| 8.7  33 | 57.  339  74 | 26.  73  3 | 2.0 12  99 | 1.2 07  57 | 756  .05  38 | 50.  329  99 | 1.8 62  03 | 6.  7  3  3 | 0.6  577  11 | 2.2  236  16 | 0.6  577  11 | 0.0  008  36 | 0.0  010  56 | 108  .33  19 | 155  1.9  66 | 0.0  011  3 | 0.6  577  11 | 42  2 |
| 8.6  21 | 56.  713  61 | 26.  45  9 | 1.9  96  23 | 1.1  98  81 | 749  .27  42 | 48.  226  71 | 1.8  43  56 | 6.  6  3  9 | 0.6  764  64 | 2.4  420  1 | 0.7  276  11 | 0.0  011  76 | 0.0  011  71 | 154  .73  69 | 158  1.7  16 | 0.0  014  24 | 0.6  739  92 | 41  6 |
| 8.6  62 | 57.  120  49 | 26.  66  2 | 2.0  15  83 | 1.2  11  83 | 756  .20  04 | 46.  829  41 | 1.8  58  48 | 6.  6  6  2 | 0.6  857  56 | 2.1  539  44 | 0.6  857  56 | 0.0  008  68 | 0.0  010  58 | 109  .88  73 | 161  7.4  88 | 0.0  011  67 | 0.6  857  56 | 41  4 |
| 8.6  31 | 57.  024  76 | 26.  63  1 | 2.0  17  07 | 1.2  13  69 | 756  .26  43 | 45.  300  98 | 1.8  56  93 | 6.  6  3  1 | 0.6  948  39 | 2.0  933  72 | 0.6  948  39 | 0.0  008  77 | 0.0  010  48 | 110  .55  29 | 163  8.4  1 | 0.0  011  76 | 0.6  948  39 | 41  2 |
| 8.5  19 | 56.  398  64 | 26.  35  7 | 2.0  00  31 | 1.2  04  93 | 749  .48  47 | 43.  197  7 | 1.8  38  46 | 6.  5  3  7 | 0.7  064  79 | 2.2  379  86 | 0.7  573  28 | 0.0  012  06 | 0.0  011  38 | 156  .97  28 | 165  1.1  43 | 0.0  014  5 | 0.7  040  4 | 42  0 |
| 8.7  79 | 57.  968  39 | 26.  94  1 | 2.0  31  77 | 1.2  17  19 | 764  .28  46 | 49.  280  89 | 1.8  78  44 | 6.  7  6  1 | 0.5  557  97 | 2.5  557  16 | 0.6  078  76 | 0.0  010  49 | 0.0  011  32 | 131  .74  57 | 130  1.1 | 0.0  012  74 | 0.5  532  79 | 44  0 |
| 8.7  38 | 57.  561  51 | 26.  73  8 | 2.0  12  17 | 1.2  04  17 | 757  .35  84 | 50.  678  19 | 1.8  63  52 | 6.  7  3  8 | 0.5  313  56 | 2.2  386  61 | 0.5  313  56 | 0.0  006  94 | 0.0  009  84 | 84.  108  78 | 125  7.5  52 | 0.0  009  58 | 0.5  313  56 | 42  8 |
| 8.7 | 57. | 26. | 2.0 | 1.2 | 757 | 52. | 1.8 | 6. | 0.5 | 2.1 | 0.5 | 0.0 | 0.0 | 83. | 122 | 0.0 | 0.5 | 42 |

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| 69 | 657  24 | 76  9 | 10  93 | 02  31 | .29  45 | 206  62 | 65  07 | 7  6  9 | 156  39 | 964  68 | 156  39 | 006  73 | 009  59 | 583  15 | 0.1  93 | 009  29 | 156  39 | 6 |
| 8.8  81 | 58.  283  37 | 27.  04  3 | 2.0  27  69 | 1.2  11  07 | 764  .07  41 | 54.  309  9 | 1.8  83  54 | 6.  8  6  3 | 0.5  046  88 | 2.4  210  68 | 0.5  570  66 | 0.0  009  8 | 0.0  010  49 | 130  .00  58 | 117  9.3  15 | 0.0  011  82 | 0.5  021  38 | 42  6 |
| 8.8  04 | 57.  640  76 | 26.  73  2 | 2.0  00  09 | 1.1  93  33 | 754  .10  63 | 55.  451  71 | 1.8  61  1 | 6.  8  1  2 | 0.4  735  42 | 2.0  796  67 | 0.4  837  77 | 0.0  006  77 | 0.0  008  97 | 91.  441  26 | 111  6.8  06 | 0.0 009 | 0.4  730  43 | 42  4 |
| 8.8  67 | 57.  959  86 | 26.  86  7 | 2.0  07  01 | 1.1  96  43 | 757  .09  22 | 57.  038  41 | 1.8  69  97 | 6.  8  6  7 | 0.4  533  11 | 1.9  425  35 | 0.4  533  11 | 0.0  005  86 | 0.0  008  34 | 81.  867  61 | 107  1.3  59 | 0.0  008  06 | 0.4  533  11 | 41  5 |
| 8.9  79 | 58.  585  99 | 27.  14  1 | 2.0  23  77 | 1.2  05  19 | 763  .87  18 | 59.  141  69 | 1.8  88  44 | 6.  9  6  1 | 0.4  361  61 | 2.1  064  81 | 0.4  888  24 | 0.0  008  81 | 0.0  008  99 | 128  .25  14 | 101  5.0  9 | 0.0  010  45 | 0.4  335  79 | 41  9 |
| 8.9  38 | 58.  179  11 | 26.  93  8 | 2.0  04  17 | 1.1  92  17 | 756  .94  56 | 60.  538  99 | 1.8  73  52 | 6.  9  3  8 | 0.3  961  56 | 1.6  441  44 | 0.3  961  56 | 0.0  005  04 | 0.0 007 | 80.  573  6 | 934  .36  25 | 0.0  006  88 | 0.3  961  56 | 43  0 |
| 8.9  69 | 58.  274  84 | 26.  96  9 | 2.0  02  93 | 1.1  90  31 | 756  .88  17 | 62.  067  42 | 1.8  75  07 | 6.  9  6  9 | 0.3  680  39 | 1.4  837  09 | 0.3  680  39 | 0.0  004  64 | 0.0  006  31 | 79.  995  14 | 866  .86  06 | 0.0  006  28 | 0.3  680  39 | 42  7 |
| 9.0  81 | 58.  900  97 | 27.  24  3 | 2.0  19  69 | 1.1  99  07 | 763  .66  13 | 64.  170  7 | 1.8  93  54 | 7.  0  6  3 | 0.3  446  2 | 1.5  862  76 | 0.3  975  8 | 0.0  007  47 | 0.0  006  7 | 126  .33  92 | 795  .01  77 | 0.0  008  51 | 0.3  420  05 | 43  2 |
| 9.0  4 | 58.  494  09 | 27.  04 | 2.0  00  09 | 1.1  86  05 | 756  .73  51 | 65. 568 | 1.8  78  62 | 7.  0  4 | 0.2 964 | 1.0  472  02 | 0.2 964 | 0.0  003  58 | 0.0  004  45 | 78.  639  43 | 694  .65  49 | 0.0  004  73 | 0.2 964 | 43  1 |
| 9.0  67 | 58.  577  46 | 27.  06  7 | 1.9  99  01 | 1.1  84  43 | 756  .67  94 | 66.  899  21 | 1.8  79  97 | 7.  0  6  7 | 0.2  665  11 | 0.8  559  74 | 0.2  665  11 | 0.0  003  14 | 0.0  003  64 | 78.  112  61 | 622  .73  61 | 0.0  004  07 | 0.2  665  11 | 43  3 |
| 9.1  79 | 59.  203  59 | 27.  34  1 | 2.0  15  77 | 1.1  93  19 | 763  .45  9 | 69.  002  49 | 1.8  98  44 | 7.  1  6  1 | 0.2  372  45 | 0.9  012  52 | 0.2  904  92 | 0.0  005  87 | 0.0  003  8 | 124  .41  93 | 536  .35  92 | 0.0  006  17 | 0.2  345  98 | 43  5 |
| 9.1  38 | 58.  796  71 | 27.  13  8 | 1.9  96  17 | 1.1  80  17 | 756  .53  28 | 70.  399  79 | 1.8  83  52 | 7.  1  3  8 | 0.1  809  56 | 0.2  867  68 | 0.1  809  56 | 0.0  001  87 | 0.0  001  28 | 76.  697  62 | 416  .70  22 | 0.0  002  17 | 0.1  809  56 | 43  8 |

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| 9.1  69 | 58.  892  44 | 27.  16  9 | 1.9  94  93 | 1.1  78  31 | 756  .46  89 | 71.  928  22 | 1.8  85  07 | 7.  1  6  9 | 0.1  404  39 | 0.0  080  89 | 0.1  404  39 | 0.0  001  26 | 1.4  E05 | 76.  066  33 | 319  .05  73 | 0.0  001  26 | 0.1  404  39 | 44  7 |
| 8.2  58 | 56.  212  39 | 26.  25  8 | 2.0  30  97 | 1.2  30  97 | 759  .19  75 | 27.  077  87 | 1.8  40  32 | 6.  2  5  8 | 0.4  494  36 | 0.9  113  56 | 0.4  494  36 | 0.0  005  51 | 0.0  005  51 | 72.  130  38 | 105  6.4  88 | 0.0  007  19 | 0.4  494  36 | 44  3 |
| 8.2  17 | 55.  805  52 | 26.  05  5 | 2.0  11  37 | 1.2  17  95 | 752  .27  13 | 28.  475  18 | 1.8  25  4 | 6.  2  3  5 | 0.4  682  39 | 1.3  800  58 | 0.5  182  08 | 0.0  009  06 | 0.0  007  45 | 117  .99  44 | 108  9.5  49 | 0.0  010  33 | 0.4  658  98 | 43  5 |
| 8.3  29 | 56.  431  64 | 26.  32  9 | 2.0  28  13 | 1.2  26  71 | 759  .05  1 | 30.  578  46 | 1.8  43  87 | 6.  3  2  9 | 0.4  787  59 | 1.3  792  24 | 0.4  787  59 | 0.0  006  05 | 0.0  007  11 | 71.  453  43 | 112  9.2  5 | 0.0  008  11 | 0.4  787  59 | 43  0 |
| 8.3  6 | 56.  527  37 | 26.  36 | 2.0  26  89 | 1.2  24  85 | 758  .98  7 | 32.  106  88 | 1.8  45  42 | 6.  3  6 | 0.4 884 | 1.5  533  52 | 0.4 884 | 0.0  006  23 | 0.0  007  7 | 71.  144  38 | 115  3.3  33 | 0.0  008  43 | 0.4 884 | 42  5 |
| 8.2  83 | 55.  884  76 | 26.  04  9 | 1.9  99  29 | 1.2  07  11 | 749  .01  92 | 33.  248  69 | 1.8  22  98 | 6.  3  0  9 | 0.5  050  06 | 2.2  171  13 | 0.6  094  44 | 0.0  013  19 | 0.0  010  61 | 166  .76  68 | 116  6.0  02 | 0.0  014  32 | 0.5  000  74 | 42  7 |
| 8.4  27 | 56.  734  26 | 26.  42  7 | 2.0  24  21 | 1.2  20  83 | 758  .84  87 | 35.  410  25 | 1.8  48  77 | 6.  4  2  7 | 0.5  026  71 | 1.8  670  83 | 0.5  026  71 | 0.0  006  53 | 0.0  008  73 | 70.  448  48 | 118  9.4  22 | 0.0  008  96 | 0.5  026  71 | 43  1 |
| 8.4  58 | 56.  829  99 | 26.  45  8 | 2.0  22  97 | 1.2  18  97 | 758  .78  47 | 36.  938  67 | 1.8  50  32 | 6.  4  5  8 | 0.5  062  36 | 1.9  832  72 | 0.5  062  36 | 0.0  006  62 | 0.0  009  1 | 70.  113  55 | 119  8.7  35 | 0.0  009  13 | 0.5  062  36 | 43  6 |
| 8.4  17 | 56.  423  12 | 26.  25  5 | 2.0  03  37 | 1.2  05  95 | 751  .85  85 | 38.  335  98 | 1.8  35  4 | 6.  4  3  5 | 0.5  114  98 | 2.3  307  37 | 0.5  620  5 | 0.0  009  93 | 0.0  010  54 | 115  .84  75 | 119  8.3  09 | 0.0  011  96 | 0.5  090  92 | 43  2 |
| 8.5  29 | 57.  049  24 | 26.  52  9 | 2.0  20  13 | 1.2  14  71 | 758  .63  82 | 40.  439  26 | 1.8  53  87 | 6.  5  2  9 | 0.5  071  59 | 2.1  803  25 | 0.5  071  59 | 0.0  006  71 | 0.0  009  68 | 69.  315  6 | 120  2.4  6 | 0.0  009  33 | 0.5  071  59 | 43  6 |
| 8.5  6 | 57.  144  97 | 26.  56 | 2.0  18  89 | 1.2  12  85 | 758  .57  42 | 41.  967  68 | 1.8  55  42 | 6.  5  6 | 0.5 044 | 2.2  362  1 | 0.5 044 | 0.0  006  7 | 0.0  009  82 | 68.  953  73 | 119  6.4 | 0.0  009  34 | 0.5 044 | 43  8 |
| 8.4  83 | 56.  502  36 | 26.  24  9 | 1.9  91  29 | 1.1  95  11 | 748  .60  64 | 43.  109  49 | 1.8  32  98 | 6.  5  0  9 | 0.5  082  14 | 2.7  913  88 | 0.6  138  69 | 0.0  013  39 | 0.0  012  22 | 164  .38  36 | 117  6.7  61 | 0.0  014  97 | 0.5  031  47 | 43  6 |

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| 8.5  95 | 57.  128  48 | 26.  52  3 | 2.0  08  05 | 1.2  03  87 | 755  .38  6 | 45.  212  77 | 1.8  51  45 | 6.  6  0  3 | 0.4  914  79 | 2.3  376  92 | 0.5  015  93 | 0.0  007  19 | 0.0  010  08 | 77.  244  83 | 116  3.5  88 | 0.0  009  72 | 0.4  909  93 | 43  5 |
| 8.6  58 | 57.  447  59 | 26.  65  8 | 2.0  14  97 | 1.2  06  97 | 758  .37  19 | 46.  799  47 | 1.8  60  32 | 6.  6  5  8 | 0.4  830  36 | 2.2  923  29 | 0.4  830  36 | 0.0  006  46 | 0.0  009  81 | 67.  755  91 | 114  6.5  11 | 0.0  009  06 | 0.4  830  36 | 44  2 |
| 8.6  17 | 57.  040  72 | 26.  45  5 | 1.9  95  37 | 1.1  93  95 | 751  .44  57 | 48.  196  78 | 1.8  45  4 | 6.  6  3  5 | 0.4  740  37 | 2.5  116  91 | 0.5  251  72 | 0.0  009  51 | 0.0  010  72 | 113  .35  67 | 111  0.8  48 | 0.0  011  57 | 0.4  715  66 | 44  2 |
| 8.7  29 | 57.  666  84 | 26.  72  9 | 2.0  12  13 | 1.2  02  71 | 758  .22  54 | 50.  300  06 | 1.8  63  87 | 6.  7  2  9 | 0.4  555  59 | 2.2  185  67 | 0.4  555  59 | 0.0  006  09 | 0.0  009  37 | 66.  836  97 | 108  1.1  98 | 0.0  008  56 | 0.4  555  59 | 44  0 |
| 8.7  24 | 57.  526  84 | 26.  65  2 | 2.0  02  89 | 1.1  96  13 | 755  .11  98 | 51.  572  99 | 1.8  57  9 | 6.  7  3  2 | 0.4  413  91 | 2.2  038  69 | 0.4  515  8 | 0.0  006  52 | 0.0  009  28 | 75.  562  05 | 104  4.4  56 | 0.0  008  81 | 0.4  408  97 | 43  9 |
| 8.6  83 | 57.  119  96 | 26.  44  9 | 1.9  83  29 | 1.1  83  11 | 748  .19  36 | 52.  970  29 | 1.8  42  98 | 6.  7  0  9 | 0.4  303  83 | 2.5  928  87 | 0.5  372  54 | 0.0  012  29 | 0.0  010  92 | 161  .65  52 | 990  .52  23 | 0.0  013  6 | 0.4  251  8 | 43  5 |
| 8.8  27 | 57.  969  46 | 26.  82  7 | 2.0  08  21 | 1.1  96  83 | 758  .02  31 | 55.  131  85 | 1.8  68  77 | 6.  8  2  7 | 0.4  010  71 | 1.9  588  23 | 0.4  010  71 | 0.0  005  32 | 0.0  008  17 | 65.  498  03 | 950  .78  89 | 0.0  007  45 | 0.4  010  71 | 43  0 |
| 8.8  58 | 58.  065  19 | 26.  85  8 | 2.0  06  97 | 1.1  94  97 | 757  .95  91 | 56.  660  27 | 1.8  70  32 | 6.  8  5  8 | 0.3  798  36 | 1.8  385  26 | 0.3  798  36 | 0.0  005  01 | 0.0  007  64 | 65.  057  45 | 899  .81  58 | 0.0 007 | 0.3  798  36 | 43  3 |
| 8.8  17 | 57.  658  32 | 26.  65  5 | 1.9  87  37 | 1.1  81  95 | 751  .03  29 | 58.  057  58 | 1.8  55  4 | 6.  8  3  5 | 0.3  558  56 | 1.9  229  2 | 0.4  075  74 | 0.0  007  79 | 0.0  007  99 | 110  .52  2 | 827  .16  64 | 0.0  009  15 | 0.3  533  2 | 43  4 |
| 8.9  29 | 58.  284  44 | 26.  92  9 | 2.0  04  13 | 1.1  90  71 | 757  .81  26 | 60.  160  86 | 1.8  73  87 | 6.  9  2  9 | 0.3  239  59 | 1.4  939  49 | 0.3  239  59 | 0.0  004  19 | 0.0  006  18 | 64.  017  54 | 765  .46  64 | 0.0  005  79 | 0.3  239  59 | 43  5 |
| 8.9  6 | 58.  380  17 | 26.  96 | 2.0  02  89 | 1.1  88  85 | 757  .74  86 | 61.  689  28 | 1.8  75  42 | 6.  9  6 | 0.2 964 | 1.3  133  48 | 0.2 964 | 0.0  003  78 | 0.0  005  43 | 63.  550  02 | 699  .12  04 | 0.0  005  18 | 0.2 964 | 42  7 |
| 8.8  83 | 57.  737  56 | 26.  64  9 | 1.9  75  29 | 1.1  71  11 | 747  .78  08 | 62.  831  09 | 1.8  52  98 | 6.  9  0 | 0.2  715  11 | 1.6  216  08 | 0.3  795  99 | 0.0  009  89 | 0.0  006  7 | 158  .58  15 | 607  .28  42 | 0.0  010  2 | 0.2  661  73 | 43  3 |

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| 9.0  27 | 58.  587  06 | 27.  02  7 | 2.0  00  21 | 1.1  84  83 | 757  .61  03 | 64.  992  65 | 1.8  78  77 | 7.  0  2  7 | 0.2  302  71 | 0.8  604  05 | 0.2  302  71 | 0.0  002  79 | 0.0  003  57 | 62.  511  6 | 539  .76  61 | 0.0  003  7 | 0.2  302  71 | 42  9 |
| 9.0  58 | 58.  682  79 | 27.  05  8 | 1.9  98  97 | 1.1  82  97 | 757  .54  63 | 66.  521  07 | 1.8  80  32 | 7.  0  5  8 | 0.1  966  36 | 0.6  218  64 | 0.1  966  36 | 0.0  002  29 | 0.0  002  6 | 62.  018  19 | 458  .65 | 0.0  002  93 | 0.1  966  36 | 43  1 |
| 9.0  17 | 58.  275  92 | 26.  85  5 | 1.9  79  37 | 1.1  69  95 | 750  .62  01 | 67.  918  38 | 1.8  65  4 | 7.  0  3  5 | 0.1  569  54 | 0.5  644  24 | 0.2  092  56 | 0.0  004  79 | 0.0  002  36 | 107  .34  34 | 347  .26  36 | 0.0  004  73 | 0.1  543  54 | 43  6 |
| 9.1  29 | 58.  902  04 | 27.  12  9 | 1.9  96  13 | 1.1  78  71 | 757  .39  98 | 70.  021  66 | 1.8  83  87 | 7.  1  2  9 | 0.1  123  59 | 0.0  064  72 | 0.1  123  59 | 0.0  001  01 | 1.1  2E-  05 | 60.  857  29 | 255  .26  36 | 0.0  001  01 | 0.1  123  59 | 44  0 |
| 8.2  04 | 56.  135  5 | 26.  20  4 | 2.0 32  86 | 1.2 32  86 | 759  .88  16 | 24.  459  74 | 1.8 38  16 | 6.  2  0  4 | 0.3  663  84 | 0.7  429  45 | 0.3  663  84 | 0.0  004  49 | 0.0  004  49 | 58.  801  3 | 861  .25  82 | 0.0  005  86 | 0.3  663  84 | 44  3 |
| 8.2  67 | 56.  454  6 | 26.  33  9 | 2.0  39  78 | 1.2  35  96 | 762  .86  75 | 26.  046  44 | 1.8  47  03 | 6.  2  5  9 | 0.3  850  84 | 1.0  251  57 | 0.3  950  51 | 0.0  005  46 | 0.0  005  55 | 67.  900  86 | 904  .57  54 | 0.0  006  91 | 0.3  846  19 | 43  8 |
| 8.3  07 | 56.  578  12 | 26.  37  9 | 2.0  38  18 | 1.2  33  56 | 762  .78  49 | 28.  018  6 | 1.8  49  03 | 6.  2  9  9 | 0.4  047  76 | 1.2  965  8 | 0.4  147  66 | 0.0  005  8 | 0.0  006  5 | 67.  626  92 | 953  .07  72 | 0.0  007  48 | 0.4  043  09 | 43  3 |
| 8.3  38 | 56.  673  85 | 26.  41 | 2.0  36  94 | 1.2  31  7 | 762  .72  1 | 29.  547  02 | 1.8  50  58 | 6.  3  3 | 0.4  178  45 | 1.4  860  29 | 0.4  278  52 | 0.0  006  04 | 0.0  007  16 | 67.  405  27 | 985  .33  71 | 0.0  007  87 | 0.4  173  76 | 42  7 |
| 8.3  33 | 56.  533  85 | 26.  33  3 | 2.0  27  7 | 1.2  25  12 | 759  .61  54 | 30.  819  95 | 1.8  44  61 | 6.  3  3  3 | 0.4  261  11 | 1.5  829  32 | 0.4  261  11 | 0.0  005  55 | 0.0  007  43 | 57.  903  75 | 100  8.5  76 | 0.0  007  62 | 0.4  261  11 | 42  5 |
| 8.3  73 | 56.  657  37 | 26.  37  3 | 2.0  26  1 | 1.2  22  72 | 759  .53  28 | 32.  792  11 | 1.8  46  61 | 6.  3  7  3 | 0.4  378  71 | 1.7  789  32 | 0.4  378  71 | 0.0  005  77 | 0.0  008  1 | 57.  596  64 | 103  7.8  23 | 0.0  007  99 | 0.4  378  71 | 43  0 |
| 8.4  36 | 56.  976  48 | 26.  50  8 | 2.0  33  02 | 1.2  25  82 | 762  .51  87 | 34.  378  81 | 1.8  55  48 | 6.  4  2  8 | 0.4  465  68 | 1.9  648  63 | 0.4  566  32 | 0.0  006  57 | 0.0  008  79 | 66.  650  93 | 105  6.7  12 | 0.0  008  79 | 0.4  460  93 | 43  1 |
| 8.4  67 | 57. 072 | 26.  53 | 2.0  31 | 1.2  23 | 762  .45 | 35. 907 | 1.8  57 | 6.  4 | 0.4 516 | 2.0 783 | 0.4 617 | 0.0 006 | 0.0 009 | 66. 395 | 106  9.6 | 0.0 008 | 0.4 511 | 43  9 |

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|  | 2 | 9 | 78 | 96 | 47 | 24 | 03 | 5  9 | 71 | 5 | 53 | 68 | 16 | 35 | 07 | 98 | 94 |  |
| 8.5  07 | 57.  195  72 | 26.  57  9 | 2.0  30  18 | 1.2  21  56 | 762  .37  21 | 37.  879  4 | 1.8  59  03 | 6.  4  9  9 | 0.4  554  27 | 2.1  978  11 | 0.4  655  32 | 0.0  006  77 | 0.0  009  54 | 66.  053  51 | 107  9.3  7 | 0.0  009  16 | 0.4  549  47 | 44  4 |
| 8.5  38 | 57.  291  45 | 26.  61 | 2.0  28  94 | 1.2  19  7 | 762  .30  82 | 39.  407  82 | 1.8  60  58 | 6.  5  3 | 0.4  561  46 | 2.2  694  9 | 0.4  662  68 | 0.0  006  81 | 0.0  009  75 | 65.  779  25 | 108  1.6  08 | 0.0  009  24 | 0.4  556  64 | 44  1 |
| 8.5  33 | 57.  151  45 | 26.  53  3 | 2.0  19  7 | 1.2  13  12 | 759  .20  26 | 40.  680  75 | 1.8  54  61 | 6.  5  3  3 | 0.4  529  11 | 2.2  577  86 | 0.4  529  11 | 0.0  006  14 | 0.0  009  62 | 56.  231  88 | 107  7.0  22 | 0.0  008  7 | 0.4  529  11 | 43  7 |
| 8.5  73 | 57.  274  97 | 26.  57  3 | 2.0  18  1 | 1.2  10  72 | 759  .12 | 42.  652  91 | 1.8  56  61 | 6.  5  7  3 | 0.4  486  71 | 2.3  012  14 | 0.4  486  71 | 0.0  006  11 | 0.0  009  71 | 55.  856  61 | 106  7.3  75 | 0.0  008  67 | 0.4  486  71 | 43  6 |
| 8.6  04 | 57.  370  7 | 26.  60  4 | 2.0 16  86 | 1.2 08  86 | 759  .05  6 | 44.  181  34 | 1.8 58  16 | 6.  6  0  4 | 0.4  431  84 | 2.3  138  82 | 0.4  431  84 | 0.0  006  04 | 0.0  009  7 | 55.  556  4 | 105  4.5  48 | 0.0  008  6 | 0.4  431  84 | 43  4 |
| 8.6  67 | 57.  689  8 | 26.  73  9 | 2.0  23  78 | 1.2  11  96 | 762  .04  19 | 45.  768  04 | 1.8  67  03 | 6.  6  5  9 | 0.4  385  79 | 2.3  717  34 | 0.4  487  75 | 0.0  006  63 | 0.0  009  9 | 64.  550  39 | 104  0.9  46 | 0.0  009  07 | 0.4  380  88 | 43  9 |
| 8.4  62 | 57.  168  49 | 26.  46  2 | 2.0  21  83 | 1.2  13  83 | 760  .85  5 | 37.  296  61 | 1.8  52  48 | 6.  4  6  2 | 0.3  105  56 | 2.3  141  21 | 0.3  105  56 | 0.0  004  62 | 0.0  009  07 | 19.  009  44 | 747  .29  62 | 0.0  006  93 | 0.3  105  56 | 46  2 |
| 8.4  31 | 57.  072  76 | 26.  43  1 | 2.0  23  07 | 1.2  15  69 | 760  .91  89 | 35.  768  18 | 1.8  50  93 | 6.  4  3  1 | 0.3  072  39 | 2.2  627  39 | 0.3  072  39 | 0.0  004  56 | 0.0  008  89 | 19.  079  44 | 739  .07  75 | 0.0  006  83 | 0.3  072  39 | 45  2 |
| 8.3  19 | 56.  446  64 | 26.  15  7 | 2.0  06  31 | 1.2  06  93 | 754  .13  93 | 33.  664  9 | 1.8  32  46 | 6.  3  3  7 | 0.3  043  87 | 2.4  187  12 | 0.3  546  53 | 0.0  007  7 | 0.0  009  71 | 65.  623  37 | 718  .30  44 | 0.0  009  34 | 0.3  020  13 | 45  2 |
| 8.3  96 | 57.  089  24 | 26.  46  8 | 2.0  33  91 | 1.2  24  67 | 764  .10  71 | 32.  523  09 | 1.8  54  9 | 6.  3  8  8 | 0.2  951  55 | 2.1  451  67 | 0.3  051  96 | 0.0  004  99 | 0.0  008  53 | 28.  515  22 | 706  .64  62 | 0.0 007 | 0.2  946  82 | 44  9 |
| 8.3  65 | 56.  993  52 | 26.  43  7 | 2.0  35  15 | 1.2  26  53 | 764  .17  11 | 30.  994  67 | 1.8  53  35 | 6.  3  5  7 | 0.2  856  68 | 2.0  349  29 | 0.2  956  91 | 0.0  004  83 | 0.0  008  13 | 28.  560  19 | 683  .44  73 | 0.0  006  75 | 0.2  851  97 | 45  2 |
| 8.2 | 56. | 26. | 2.0 | 1.2 | 754 | 28. | 1.8 | 6. | 0.2 | 2.0 | 0.3 | 0.0 | 0.0 | 65. | 643 | 0.0 | 0.2 | 44 |

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| 21 | 144  01 | 05  9 | 10  23 | 12  81 | .34  16 | 833  11 | 27  56 | 2  3  9 | 738  95 | 634  2 | 238  76 | 007  2 | 008  44 | 787  38 | .98  42 | 008  5 | 715  53 | 5 |
| 8.2  62 | 56.  550  89 | 26.  26  2 | 2.0  29  83 | 1.2  25  83 | 761  .26  78 | 27.  435  81 | 1.8  42  48 | 6.  2  6  2 | 0.2  553  56 | 1.6  603  15 | 0.2  553  56 | 0.0  003  68 | 0.0  006  71 | 19.  317  09 | 612  .10  87 | 0.0  005  43 | 0.2  553  56 | 44  8 |
| 8.2  31 | 56.  455  16 | 26.  23  1 | 2.0  31  07 | 1.2  27  69 | 761  .33  17 | 25.  907  38 | 1.8  40  93 | 6.  2  3  1 | 0.2  396  39 | 1.4  906  9 | 0.2  396  39 | 0.0  003  43 | 0.0  006  09 | 19.  334  27 | 573  .74  71 | 0.0  005  01 | 0.2  396  39 | 43  6 |
| 8.1  19 | 55.  829  04 | 25.  95  7 | 2.0  14  31 | 1.2  18  93 | 754  .55  21 | 23.  804  1 | 1.8  22  46 | 6.  1  3  7 | 0.2  215  76 | 1.4  973  46 | 0.2  712  58 | 0.0  006  36 | 0.0  006  39 | 65.  870  38 | 516  .59  41 | 0.0  007  12 | 0.2  192  66 | 43  8 |
| 8.1  96 | 56.  471  64 | 26.  26  8 | 2.0  41  91 | 1.2  36  67 | 764  .51  99 | 22.  662  29 | 1.8  44  9 | 6.  1  8  8 | 0.2  002  82 | 1.1  129  38 | 0.2  102  07 | 0.0  003  43 | 0.0  004  75 | 28.  661  98 | 475  .14  07 | 0.0  004  5 | 0.1  998  21 | 43  6 |
| 8.1  33 | 56.  152  54 | 26.  13  3 | 2.0  34  99 | 1.2  33  57 | 761  .53  4 | 21.  075  59 | 1.8  36  03 | 6.  1  3  3 | 0.1  773  11 | 0.8  339  04 | 0.1  773  11 | 0.0  002  4 | 0.0  003  66 | 19.  334  73 | 421  .74  36 | 0.0  003  4 | 0.1  773  11 | 43  9 |
| 8.0  21 | 55.  526  41 | 25.  85  9 | 2.0  18  23 | 1.2  24  81 | 754  .75  44 | 18.  972  31 | 1.8  17  56 | 6.  0  3  9 | 0.1  515  31 | 0.7  648  89 | 0.2  009  28 | 0.0  005  23 | 0.0  003  7 | 65.  865  88 | 346  .12  56 | 0.0  005  3 | 0.1  492  53 | 45  0 |
| 8.0  62 | 55.  933  29 | 26.  06  2 | 2.0  37  83 | 1.2  37  83 | 761  .68  06 | 17.  575  01 | 1.8  32  48 | 6.  0  6  2 | 0.1  201  56 | 0.2  436  49 | 0.1  201  56 | 0.0  001  47 | 0.0  001  47 | 19.  283  94 | 282  .45  05 | 0.0  001  92 | 0.1  201  56 | 45  2 |
| 9.0  71 | 58.  915  96 | 27.  07  1 | 1.9  97  87 | 1.1  79  29 | 758  .74  96 | 67.  257  14 | 1.8  82  13 | 7.  0  7  1 | 0.0  659  59 | 0.0  037  99 | 0.0  659  59 | 5.9  4E-  05 | 6.6  E06 | 35.  725  54 | 149  .84  94 | 5.9  4E-  05 | 0.0  659  59 | 45  7 |
| 9.0  4 | 58.  820  23 | 27.  04 | 1.9  99  11 | 1.1  81  15 | 758  .81  36 | 65.  728  72 | 1.8  80  58 | 7.  0  4 | 0.1 004 | 0.2  869  81 | 0.1 004 | 0.0  001  13 | 0.0  001  17 | 36.  064  96 | 233  .21  56 | 0.0  001  41 | 0.1 004 | 44  5 |
| 9.1  17 | 59.  462  84 | 27.  35  1 | 2.0  26  71 | 1.1  98  89 | 768  .78  14 | 64.  586  91 | 1.9  03  02 | 7.  0  9  1 | 0.1  558  67 | 1.2  158  99 | 0.2  668  03 | 0.0  008  62 | 0.0  004  9 | 135  .12  13 | 334  .57  72 | 0.0  008  44 | 0.1  503  89 | 44  1 |
| 9.0  05 | 58.  836  72 | 27.  07  7 | 2.0  09  95 | 1.1  90  13 | 762  .00  18 | 62.  483  63 | 1.8  84  55 | 6.  9  9  7 | 0.1  733  35 | 0.9  221  08 | 0.1  837  27 | 0.0  002  88 | 0.0  003  68 | 46.  073  11 | 406  .61  95 | 0.0  003  67 | 0.1  728  23 | 44  3 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8.9  42 | 58.  517  61 | 26.  94  2 | 2.0  03  03 | 1.1  87  03 | 759  .01  59 | 60.  896  93 | 1.8  75  68 | 6.  9  4  2 | 0.1  966  36 | 1.0  616  5 | 0.1  966  36 | 0.0  002  61 | 0.0  004  22 | 37.  084  11 | 466  .02  89 | 0.0  003  68 | 0.1  966  36 | 43  9 |
| 8.9  83 | 58.  924  49 | 27.  14  5 | 2.0  22  63 | 1.2  00  05 | 765  .94  21 | 59.  499  63 | 1.8  90  6 | 6.  9  6  5 | 0.2  369  6 | 1.6  065  26 | 0.2  896  34 | 0.0  006  41 | 0.0  006  43 | 84.  587  92 | 548  .13  89 | 0.0  007  34 | 0.2  343  76 | 43  7 |
| 8.8  71 | 58.  298  36 | 26.  87  1 | 2.0  05  87 | 1.1  91  29 | 759  .16  24 | 57.  396  34 | 1.8  72  13 | 6.  8  7  1 | 0.2  543  59 | 1.5  084  7 | 0.2  543  59 | 0.0  003  49 | 0.0 006 | 37.  771  36 | 605  .53  16 | 0.0  005  02 | 0.2  543  59 | 43  6 |
| 8.8  76 | 58.  438  36 | 26.  94  8 | 2.0  15  11 | 1.1  97  87 | 762  .26  8 | 56.  123  41 | 1.8  78  1 | 6.  8  6  8 | 0.2  777  58 | 1.7  299  57 | 0.2  880  75 | 0.0  004  48 | 0.0  006  89 | 47.  323  27 | 659  .06  03 | 0.0  006  09 | 0.2  772  54 | 44  1 |
| 8.9  17 | 58.  845  24 | 27.  15  1 | 2.0  34  71 | 1.2  10  89 | 769  .19  42 | 54.  726  11 | 1.8  93  02 | 6.  8  9  1 | 0.3  157  79 | 2.4  462  05 | 0.4  254  97 | 0.0  011  13 | 0.0  009  89 | 137  .13  83 | 722  .30  33 | 0.0  012  11 | 0.3  104  35 | 43  8 |
| 8.8  05 | 58.  219  12 | 26.  87  7 | 2.0  17  95 | 1.2  02  13 | 762  .41  46 | 52.  622  83 | 1.8  74  55 | 6.  7  9  7 | 0.3  210  87 | 2.0  397  22 | 0.3  313  64 | 0.0  005  13 | 0.0  008  15 | 47.  951  09 | 763  .62  02 | 0.0  007  07 | 0.3  205  88 | 44  0 |
| 8.7  42 | 57.  900  01 | 26.  74  2 | 2.0  11  03 | 1.1  99  03 | 759  .42  87 | 51.  036  13 | 1.8  65  68 | 6.  7  4  2 | 0.3  334  36 | 2.0  742  77 | 0.3  334  36 | 0.0  004  69 | 0.0  008  29 | 38.  910  12 | 796  .27  75 | 0.0  006  81 | 0.3  334  36 | 43  8 |
| 8.7  83 | 58.  306  89 | 26.  94  5 | 2.0  30  63 | 1.2  12  05 | 766  .35  49 | 49.  638  83 | 1.8  80  6 | 6.  7  6  5 | 0.3  581  81 | 2.4  701  08 | 0.4  102  72 | 0.0  008  27 | 0.0  009  98 | 86.  388  45 | 841  .14  47 | 0.0  010  06 | 0.3  556  62 | 44  1 |
| 8.6  71 | 57.  680  76 | 26.  67  1 | 2.0  13  87 | 1.2  03  29 | 759  .57  52 | 47.  535  54 | 1.8  62  13 | 6.  6  7  1 | 0.3  627  59 | 2.2  502  82 | 0.3  627  59 | 0.0  005  12 | 0.0  009  05 | 39.  476  38 | 866  .74  31 | 0.0  007  45 | 0.3  627  59 | 44  5 |
| 8.6  4 | 57.  585  03 | 26.  64 | 2.0  15  11 | 1.2  05  15 | 759  .63  92 | 46.  007  12 | 1.8  60  58 | 6.  6  4 | 0.3 724 | 2.2  969  78 | 0.3 724 | 0.0  005  25 | 0.0  009  26 | 39.  710  15 | 889  .82  34 | 0.0  007  64 | 0.3 724 | 44  8 |
| 8.7  17 | 58.  227  64 | 26.  95  1 | 2.0  42  71 | 1.2  22  89 | 769  .60  7 | 44.  865  31 | 1.8  83  02 | 6.  6  9  1 | 0.3  967  3 | 2.9  235  7 | 0.5  052  32 | 0.0  012  38 | 0.0  012  03 | 138  .81  89 | 918  .08  68 | 0.0  013  8 | 0.3  915  22 | 45  5 |
| 8.5  73 | 57.  378  14 | 26.  57  3 | 2.0  17  79 | 1.2  09  17 | 759  .77  75 | 42.  703  75 | 1.8  57  23 | 6.  5  7 | 0.3  866  71 | 2.3  352  88 | 0.3  866  71 | 0.0  005  44 | 0.0  009  49 | 40.  187  42 | 923  .74  52 | 0.0  007  9 | 0.3  866  71 | 45  3 |

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| 8.5  42 | 57.  282  41 | 26.  54  2 | 2.0  19  03 | 1.2  11  03 | 759  .84  15 | 41.  175  33 | 1.8  55  68 | 6.  5  4  2 | 0.3  902  36 | 2.3  240  44 | 0.3  902  36 | 0.0  005  48 | 0.0  009  49 | 40.  395  31 | 932  .05  54 | 0.0  007  95 | 0.3  902  36 | 45  4 |
| 8.5  83 | 57.  689  29 | 26.  74  5 | 2.0  38  63 | 1.2  24  05 | 766  .76  77 | 39.  778  03 | 1.8  70  6 | 6.  5  6  5 | 0.4  001  22 | 2.5  776  97 | 0.4  516  3 | 0.0  008  86 | 0.0  010  68 | 87.  851  25 | 941  .43 | 0.0  010  81 | 0.3  976  68 | 45  5 |
| 8.4  71 | 57.  063  16 | 26.  47  1 | 2.0  21  87 | 1.2  15  29 | 759  .98  8 | 37.  674  74 | 1.8  52  13 | 6.  4  7  1 | 0.3  911  59 | 2.2  292  34 | 0.3  911  59 | 0.0  005  46 | 0.0  009  22 | 40.  840  59 | 933  .48  39 | 0.0  007  87 | 0.3  911  59 | 45  3 |
| 8.4  76 | 57.  203  16 | 26.  54  8 | 2.0  31  11 | 1.2  21  87 | 763  .09  36 | 36.  401  81 | 1.8  58  1 | 6.  4  6  8 | 0.3  907  94 | 2.2  252  25 | 0.4  008  81 | 0.0  006  07 | 0.0  009  28 | 50.  301  89 | 929  .50  51 | 0.0  008  34 | 0.3  903  16 | 46  2 |
| 8.5  17 | 57.  610  04 | 26.  75  1 | 2.0 50  71 | 1.2 34  89 | 770  .01  98 | 35.  004  51 | 1.8 73  02 | 6.  4  9  1 | 0.3  987  22 | 2.6  479  92 | 0.5  060  07 | 0.0  012  36 | 0.0  011  33 | 140  .16  31 | 921  .92  77 | 0.0  013  52 | 0.3  936  49 | 44  5 |
| 8.4  05 | 56.  983  92 | 26.  47  7 | 2.0  33  95 | 1.2  26  13 | 763  .24  02 | 32.  901  23 | 1.8  54  55 | 6.  3  9  7 | 0.3  775  51 | 1.9  955  26 | 0.3  875  97 | 0.0  005  82 | 0.0  008  5 | 50.  688  7 | 896  .54  3 | 0.0  007  91 | 0.3  770  77 | 45  3 |
| 8.3  42 | 56.  664  81 | 26.  34  2 | 2.0  27  03 | 1.2  23  03 | 760  .25  43 | 31.  314  53 | 1.8  45  68 | 6.  3  4  2 | 0.3  670  36 | 1.8  109  52 | 0.3  670  36 | 0.0 005 | 0.0  007  8 | 41.  539  7 | 873  .36  25 | 0.0  007  09 | 0.3  670  36 | 44  2 |
| 8.3  83 | 57.  071  69 | 26.  54  5 | 2.0  46  63 | 1.2  36  05 | 767  .18  05 | 29.  917  23 | 1.8  60  6 | 6.  3  6  5 | 0.3  627  83 | 1.9  292  92 | 0.4  137  08 | 0.0  008  18 | 0.0  008  53 | 88.  976  31 | 848  .99  48 | 0.0  009  57 | 0.3  603  94 | 43  6 |
| 8.2  71 | 56.  445  56 | 26.  27  1 | 2.0  29  87 | 1.2  27  29 | 760  .40  08 | 27.  813  94 | 1.8  42  13 | 6.  2  7  1 | 0.3  395  59 | 1.4  453  27 | 0.3  395  59 | 0.0  004  52 | 0.0  006  51 | 41.  863  98 | 805  .75  39 | 0.0  006  3 | 0.3  395  59 | 43  8 |
| 8.2  76 | 56.  585  56 | 26.  34  8 | 2.0  39  11 | 1.2  33  87 | 763  .50  64 | 26.  541  01 | 1.8  48  1 | 6.  2  6  8 | 0.3  277  93 | 1.3  331  47 | 0.3  377  64 | 0.0  004  96 | 0.0  006  17 | 51.  282  03 | 774  .18  81 | 0.0  006  48 | 0.3  273  27 | 44  0 |
| 8.3  17 | 56.  992  44 | 26.  55  1 | 2.0  58  71 | 1.2  46  89 | 770  .43  26 | 25.  143  71 | 1.8  63  02 | 6.  2  9  1 | 0.3  217  53 | 1.6  194  71 | 0.4  278  22 | 0.0  011  08 | 0.0  007  79 | 141  .17  1 | 733  .82  6 | 0.0  011  27 | 0.3  168  16 | 44  6 |
| 8.1 | 56. | 26. | 2.0 | 1.2 | 760 | 22. | 1.8 | 6. | 0.2 | 0.7 | 0.2 | 0.0 | 0.0 | 42. | 672 | 0.0 | 0.2 | 45 |

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| 73 | 142  94 | 17  3 | 33  79 | 33  17 | .60  31 | 982  15 | 37  23 | 1  7  3 | 850  71 | 827  31 | 850  71 | 003  59 | 004  13 | 241  04 | .17  46 | 004  8 | 850  71 | 2 |
| 8.1  42 | 56.  047  21 | 26.  14  2 | 2.0  35  03 | 1.2  35  03 | 760  .66  71 | 21.  453  73 | 1.8  35  68 | 6.  1  4  2 | 0.2  638  36 | 0.5  35 | 0.2  638  36 | 0.0  003  23 | 0.0  003  23 | 42.  343  28 | 620  .19  88 | 0.0  004  22 | 0.2  638  36 | 46  4 |
| 9.1  02 | 58.  908  52 | 27.  10  2 | 1.9  96  94 | 1.1  78  98 | 758  .02  82 | 68.  734  73 | 1.8  83  06 | 7.  1  0  2 | 0.0  915  96 | 0.0  052  76 | 0.0  915  96 | 8.2  4E-  05 | 9.1  6E-  06 | 49.  611  37 | 208  .09  3 | 8.2  4E-  05 | 0.0  915  96 | 43  9 |
| 9.1  07 | 59.  048  52 | 27.  17  9 | 2.0  06  18 | 1.1  85  56 | 761  .13  37 | 67.  461  8 | 1.8  89  03 | 7.  0  9  9 | 0.1  293  01 | 0.3  426  56 | 0.1  397  51 | 0.0  002  02 | 0.0  001  43 | 59.  296  64 | 296  .09  27 | 0.0  002  24 | 0.1  287  82 | 44  3 |
| 9.0  67 | 58. 925 | 27.  13  9 | 2.0  07  78 | 1.1  87  96 | 761  .21  63 | 65.  489  64 | 1.8  87  03 | 7.  0  5  9 | 0.1  733  53 | 0.6  790  8 | 0.1  837  8 | 0.0  002  7 | 0.0  002  78 | 59.  842  14 | 402  .54  52 | 0.0  003  26 | 0.1  728  37 | 43  7 |
| 9.0  36 | 58.  829  28 | 27.  10  8 | 2.0  09  02 | 1.1  89  82 | 761  .28  03 | 63.  961  21 | 1.8  85  48 | 7.  0  2  8 | 0.2  053  01 | 0.9  189  03 | 0.2  157  11 | 0.0  003  18 | 0.0  003  74 | 60.  255  57 | 479  .71  69 | 0.0  003  99 | 0.2  047  87 | 43  5 |
| 8.9  73 | 58.  510  17 | 26.  97  3 | 2.0  02  1 | 1.1  86  72 | 758  .29  44 | 62.  374  51 | 1.8  76  61 | 6.  9  7  3 | 0.2  302  71 | 1.0  571  99 | 0.2  302  71 | 0.0  002  94 | 0.0  004  29 | 51.  354  13 | 543  .06  8 | 0.0  004  03 | 0.2  302  71 | 43  7 |
| 8.9  33 | 58.  386  65 | 26.  93  3 | 2.0  03  7 | 1.1  89  12 | 758  .37  7 | 60.  402  35 | 1.8  74  61 | 6.  9  3  3 | 0.2  665  11 | 1.3  189  15 | 0.2  665  11 | 0.0  003  49 | 0.0  005  35 | 51.  865  73 | 630  .50  35 | 0.0  004  85 | 0.2  665  11 | 43  2 |
| 8.9  38 | 58.  526  65 | 27.  01 | 2.0  12  94 | 1.1  95  7 | 761  .48  26 | 59.  129  42 | 1.8  80  58 | 6.  9  3 | 0.2  937  07 | 1.5  569  87 | 0.3  040  6 | 0.0  004  52 | 0.0  006  33 | 61.  508  89 | 693  .07  08 | 0.0 006 | 0.2 932 | 43  4 |
| 8.9  07 | 58.  430  92 | 26.  97  9 | 2.0  14  18 | 1.1  97  56 | 761  .54  65 | 57. 601 | 1.8  79  03 | 6.  8  9  9 | 0.3  176  9 | 1.7  208  49 | 0.3  280  25 | 0.0  004  88 | 0.0 007 | 61.  888  38 | 750  .87  81 | 0.0  006  54 | 0.3  171  84 | 43  1 |
| 8.8  67 | 58.  307  4 | 26.  93  9 | 2.0  15  78 | 1.1  99  96 | 761  .62  91 | 55.  628  84 | 1.8  77  03 | 6.  8  5  9 | 0.3  458  06 | 1.9  053  11 | 0.3  561  18 | 0.0  005  3 | 0.0  007  77 | 62.  365  99 | 818  .59  21 | 0.0  007  16 | 0.3  453  03 | 43  0 |
| 8.8  36 | 58.  211  68 | 26.  90  8 | 2.0  17  02 | 1.2  01  82 | 761  .69  31 | 54.  100  41 | 1.8  75  48 | 6.  8  2  8 | 0.3  654  04 | 2.0  273  65 | 0.3  756  98 | 0.0  005  59 | 0.0  008  29 | 62.  726  8 | 865  .74  14 | 0.0  007  58 | 0.3  649  02 | 43  0 |

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| 8.7  73 | 57.  892  57 | 26.  77  3 | 2.0  10  1 | 1.1  98  72 | 758  .70  72 | 52.  513  71 | 1.8  66  61 | 6.  7  7  3 | 0.3  794  71 | 2.0  606  36 | 0.3  794  71 | 0.0  005  16 | 0.0  008  44 | 53.  775  78 | 902  .45  7 | 0.0  007  35 | 0.3  794  71 | 42  7 |
| 8.7  33 | 57.  769  05 | 26.  73  3 | 2.0  11  7 | 1.2  01  12 | 758  .78  98 | 50.  541  55 | 1.8  64  61 | 6.  7  3  3 | 0.3  997  11 | 2.1  697  8 | 0.3  997  11 | 0.0  005  45 | 0.0  008  93 | 54.  219  21 | 950  .99  82 | 0.0  007  77 | 0.3  997  11 | 43  0 |
| 8.7  02 | 57.  673  32 | 26.  70  2 | 2.0  12  94 | 1.2  02  98 | 758  .85  38 | 49.  013  13 | 1.8  63  06 | 6.  7  0  2 | 0.4  131  96 | 2.2  333  79 | 0.4  131  96 | 0.0  005  64 | 0.0  009  22 | 54.  553  49 | 983  .26  74 | 0.0  008  05 | 0.4  131  96 | 43  6 |
| 8.7  07 | 57.  813  32 | 26.  77  9 | 2.0  22  18 | 1.2  09  56 | 761  .95  93 | 47.  740  2 | 1.8  69  03 | 6.  6  9  9 | 0.4  263  98 | 2.3  392  34 | 0.4  366  18 | 0.0  006  46 | 0.0  009  71 | 64.  140  67 | 101  1.9  71 | 0.0  008  84 | 0.4  259  05 | 44  8 |
| 8.4  21 | 56.  761  61 | 26.  25  9 | 2.0  02  23 | 1.2  00  81 | 753  .92  88 | 38.  693  91 | 1.8  37  56 | 6.  4  3  9 | 0.3  155  4 | 2.5  922  26 | 0.3  661  03 | 0.0  007  89 | 0.0  010  29 | 65.  364  99 | 745  .62  18 | 0.0  009  69 | 0.3  131  33 | 45  6 |
| 8.5  33 | 57.  387  74 | 26.  53  3 | 2.0  18  99 | 1.2  09  57 | 760  .70  84 | 40.  797  19 | 1.8  56  03 | 6.  5  3  3 | 0.3  109  11 | 2.3  627  45 | 0.3  109  11 | 0.0  004  64 | 0.0  009  22 | 18.  818  25 | 748  .51  51 | 0.0  006  98 | 0.3  109  11 | 44  0 |
| 8.5  6 | 57.  471  11 | 26.  56 | 2.0  17  91 | 1.2  07  95 | 760  .65  27 | 42.  128  4 | 1.8  57  38 | 6.  5  6 | 0.3 084 | 2.3  560  04 | 0.3 084 | 0.0  004  61 | 0.0  009  17 | 18.  734  27 | 742  .54  65 | 0.0  006  94 | 0.3 084 | 42  6 |
| 8.5  19 | 57.  064  24 | 26.  35  7 | 1.9  98  31 | 1.1  94  93 | 753  .72  65 | 43.  525  7 | 1.8  42  46 | 6.  5  3  7 | 0.3  064  79 | 2.5  703  53 | 0.3  573  28 | 0.0  007  75 | 0.0  010  13 | 65.  032  49 | 723  .79  37 | 0.0  009  54 | 0.3  040  4 | 43  1 |
| 8.6  31 | 57.  690  36 | 26.  63  1 | 2.0  15  07 | 1.2  03  69 | 760  .50  61 | 45.  628  98 | 1.8  60  93 | 6.  6  3  1 | 0.2  948  39 | 2.2  719  29 | 0.2  948  39 | 0.0  004  41 | 0.0  008  82 | 18.  483  8 | 709  .93  72 | 0.0  006  64 | 0.2  948  39 | 43  1 |
| 8.6  62 | 57.  786  09 | 26.  66  2 | 2.0  13  83 | 1.2  01  83 | 760  .44  22 | 47.  157  41 | 1.8  62  48 | 6.  6  6  2 | 0.2  857  56 | 2.2  050  68 | 0.2  857  56 | 0.0  004  27 | 0.0  008  55 | 18.  360  97 | 688  .01  29 | 0.0  006  43 | 0.2  857  56 | 43  0 |
| 8.6  21 | 57.  379  21 | 26.  45  9 | 1.9  94  23 | 1.1  88  81 | 753  .51  6 | 48.  554  71 | 1.8  47  56 | 6.  6  3  9 | 0.2  764  64 | 2.3  513  07 | 0.3  276  11 | 0.0  007  28 | 0.0  009  22 | 64.  598  73 | 651  .03  84 | 0.0  008  86 | 0.2  739  92 | 43  1 |
| 8.7  65 | 58.  228  72 | 26.  83  7 | 2.0  19  15 | 1.2  02  53 | 763  .34  55 | 50.  716  27 | 1.8  73  35 | 6.  7  5 | 0.2  610  76 | 2.0  555  04 | 0.2  713  29 | 0.0  004  52 | 0.0  007  97 | 27.  353  56 | 625  .42  46 | 0.0  006  39 | 0.2  605  79 | 42  9 |

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| 8.7  96 | 58.  324  44 | 26.  86  8 | 2.0  17  91 | 1.2  00  67 | 763  .28  15 | 52.  244  69 | 1.8  74  9 | 6.  7  8  8 | 0.2  458  62 | 1.9  302  01 | 0.2  561  34 | 0.0  004  29 | 0.0  007  48 | 27.  203  36 | 588  .57  87 | 0.0  006  03 | 0.2  453  64 | 42  8 |
| 8.7  19 | 57.  681  84 | 26.  55  7 | 1.9  90  31 | 1.1  82  93 | 753  .31  37 | 53.  386  5 | 1.8  52  46 | 6.  7  3  7 | 0.2  278  5 | 1.9  522  68 | 0.2  792  83 | 0.0  006  52 | 0.0  007  64 | 64.  097  73 | 533  .06  2 | 0.0  007  72 | 0.2  253  46 | 42  1 |
| 8.8  31 | 58.  307  96 | 26.  83  1 | 2.0  07  07 | 1.1  91  69 | 760  .09  33 | 55.  489  78 | 1.8  70  93 | 6.  8  3  1 | 0.2  024  39 | 1.5  182  59 | 0.2  024  39 | 0.0  002  98 | 0.0  005  86 | 17.  547  35 | 486  .32  61 | 0.0  004  46 | 0.2  024  39 | 42  9 |
| 8.8  62 | 58.  403  69 | 26.  86  2 | 2.0  05  83 | 1.1  89  83 | 760  .02  94 | 57.  018  21 | 1.8  72  48 | 6.  8  6  2 | 0.1  809  56 | 1.3  331  55 | 0.1  809  56 | 0.0  002  64 | 0.0  005  15 | 17.  371  7 | 434  .25  89 | 0.0  003  94 | 0.1  809  56 | 44  0 |
| 8.8  21 | 57.  996  81 | 26.  65  9 | 1.9 86  23 | 1.1 76  81 | 753  .10  32 | 58.  415  51 | 1.8 57  56 | 6.  8  3  9 | 0.1  566  69 | 1.3  406  62 | 0.2  083  98 | 0.0  005  39 | 0.0  005  25 | 63.  488  6 | 360  .23  4 | 0.0  006  02 | 0.1  541  32 | 43  6 |
| 8.9  65 | 58.  846  32 | 27.  03  7 | 2.0  11  15 | 1.1  90  53 | 762  .93  27 | 60.  577  07 | 1.8  83  35 | 6.  9  5  7 | 0.1  292  6 | 0.9  260  79 | 0.1  396  28 | 0.0  002  46 | 0.0  003  59 | 26.  241  08 | 305  .87  39 | 0.0  003  22 | 0.1  287  5 | 43  6 |
| 8.9  6 | 58.  706  31 | 26.  96 | 2.0  01  91 | 1.1  83  95 | 759  .82  71 | 61.  85 | 1.8  77  38 | 6.  9  6 | 0.1 004 | 0.6  274  36 | 0.1 004 | 0.0  001  38 | 0.0  002  43 | 16.  762  54 | 238  .92  78 | 0.0  001  99 | 0.1 004 | 44  3 |
| 8.9  19 | 58.  299  44 | 26.  75  7 | 1.9  82  31 | 1.1  70  93 | 752  .90  09 | 63.  247  3 | 1.8  62  46 | 6.  9  3  7 | 0.0  685  02 | 0.5  644  58 | 0.1  205  18 | 0.0  003  99 | 0.0  002  24 | 62.  819  1 | 146  .10  93 | 0.0  003  89 | 0.0  659  33 | 43  2 |
| 9.0  31 | 58.  925  56 | 27.  03  1 | 1.9  99  07 | 1.1  79  69 | 759  .68  05 | 65.  350  58 | 1.8  80  93 | 7.  0  3  1 | 0.0  300  39 | 0.0  017  3 | 0.0  300  39 | 2.7  E05 | 3E-  06 | 16.  270  1 | 68.  244  31 | 2.7  E05 | 0.0  300  39 | 44  1 |
| 8 | 55. 845 | 26 | 2.0  4 | 1.2  4 | 762  .46  6 | 14. 569 | 1.8  3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44  1 |
| 8.0  31 | 55.  940  73 | 26.  03  1 | 2.0  38  76 | 1.2  38  14 | 762  .40  2 | 16.  097  42 | 1.8  31  55 | 6.  0  3  1 | 0.0  300  39 | 0.2  864  44 | 0.0  300  39 | 4.8  1E-  05 | 0.0  001  08 | 0.1  279  69 | 73.  021  34 | 7.5  1E-  05 | 0.0  300  39 | 43  8 |
| 8.0  71 | 56.  064  25 | 26.  07  1 | 2.0  37  16 | 1.2  35  74 | 762  .31  95 | 18.  069  58 | 1.8  33  55 | 6.  0  7 | 0.0  659  59 | 0.6  289  68 | 0.0  659  59 | 0.0  001  06 | 0.0  002  37 | 0.2  809  92 | 160  .33  87 | 0.0  001  65 | 0.0  659  59 | 44  8 |

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| 8.1  02 | 56.  159  98 | 26.  10  2 | 2.0  35  92 | 1.2  33  88 | 762  .25  55 | 19.  598  01 | 1.8  35  1 | 6.  1  0  2 | 0.0  915  96 | 0.8  734  36 | 0.0  915  96 | 0.0  001  47 | 0.0  003  3 | 0.3  902  08 | 222  .65  93 | 0.0  002  29 | 0.0  915  96 | 43  5 |
| 8.1  29 | 56.  243  35 | 26.  12  9 | 2.0  34  84 | 1.2  32  26 | 762  .19  97 | 20.  929  22 | 1.8  36  45 | 6.  1  2  9 | 0.1  123  59 | 1.0  714  27 | 0.1  123  59 | 0.0  001  8 | 0.0  004  04 | 0.4  786  6 | 273  .13  17 | 0.0  002  81 | 0.1  123  59 | 43  2 |
| 8.1  69 | 56.  366  87 | 26.  16  9 | 2.0  33  24 | 1.2  29  86 | 762  .11  72 | 22.  901  38 | 1.8  38  45 | 6.  1  6  9 | 0.1  404  39 | 1.3  391  9 | 0.1  404  39 | 0.0  002  25 | 0.0  005  06 | 0.5  982  84 | 341  .39  1 | 0.0  003  51 | 0.1  404  39 | 43  0 |
| 8.2 | 56.  462  6 | 26.  2 | 2.0  32 | 1.2  28 | 762  .05  32 | 24.  429  8 | 1.8  4 | 6.  2 | 0.1  6 | 1.5  257  19 | 0.1  6 | 0.0  002  56 | 0.0  005  76 | 0.6  816  15 | 388  .94  15 | 0.0 004 | 0.1  6 | 43  3 |
| 8.2  31 | 56.  558  33 | 26.  23  1 | 2.0  30  76 | 1.2  26  14 | 761  .98  92 | 25.  958  22 | 1.8  41  55 | 6.  2  3  1 | 0.1  776  39 | 1.6  939  2 | 0.1  776  39 | 0.0  002  84 | 0.0  006  4 | 0.7  567  59 | 431  .81  99 | 0.0  004  44 | 0.1  776  39 | 43  8 |
| 8.2  71 | 56.  681  85 | 26.  27  1 | 2.0  29  16 | 1.2  23  74 | 761  .90  67 | 27.  930  38 | 1.8  43  55 | 6.  2  7  1 | 0.1  975  59 | 1.8  838  72 | 0.1  975  59 | 0.0  003  16 | 0.0  007  11 | 0.8  416  2 | 480  .24  31 | 0.0  004  94 | 0.1  975  59 | 44  6 |
| 8.3  34 | 57.  000  96 | 26.  40  6 | 2.0  36  08 | 1.2  26  84 | 764  .89  25 | 29.  517  08 | 1.8  52  42 | 6.  3  2  6 | 0.2  122  66 | 2.0  653  4 | 0.2  222  71 | 0.0  004  04 | 0.0  007  84 | 10.  223  23 | 513  .31  79 | 0.0  005  83 | 0.2  117  97 | 44  7 |
| 8.3  29 | 56.  860  95 | 26.  32  9 | 2.0  26  84 | 1.2  20  26 | 761  .78  69 | 30.  790  02 | 1.8  46  45 | 6.  3  2  9 | 0.2  207  59 | 2.1  051  01 | 0.2  207  59 | 0.0  003  53 | 0.0  007  95 | 0.9  404  55 | 536  .63  96 | 0.0  005  52 | 0.2  207  59 | 45  2 |
| 8.3  69 | 56.  984  47 | 26.  36  9 | 2.0  25  24 | 1.2  17  86 | 761  .70  44 | 32.  762  18 | 1.8  48  45 | 6.  3  6  9 | 0.2  328  39 | 2.2  202  93 | 0.2  328  39 | 0.0  003  73 | 0.0  008  38 | 0.9  919  16 | 566  .00  47 | 0.0  005  82 | 0.2  328  39 | 44  2 |
| 8.4 | 57.  080  2 | 26.  4 | 2.0  24 | 1.2  16 | 761  .64  04 | 34.  290  6 | 1.8  5 | 6.  4 | 0.2  4 | 2.2  885  79 | 0.2  4 | 0.0  003  84 | 0.0  008  64 | 1.0  224  23 | 583  .41  23 | 0.0 006 | 0.2  4 | 44  4 |
| 8.4  31 | 57.  175  93 | 26.  43  1 | 2.0  22  76 | 1.2  14  14 | 761  .57  64 | 35.  819  02 | 1.8  51  55 | 6.  4  3  1 | 0.2  452  39 | 2.3  385  36 | 0.2  452  39 | 0.0  003  92 | 0.0  008  83 | 1.0  447  42 | 596  .14  77 | 0.0  006  13 | 0.2  452  39 | 44  4 |
| 8.4  71 | 57.  299  45 | 26.  47  1 | 2.0  21  16 | 1.2  11  74 | 761  .49  39 | 37.  791  18 | 1.8  53  55 | 6.  4  7 | 0.2  491  59 | 2.3  759  16 | 0.2  491  59 | 0.0  003  99 | 0.0  008  97 | 1.0  614  41 | 605  .67  67 | 0.0  006  23 | 0.2  491  59 | 44  1 |

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| 8.4  66 | 57.  159  44 | 26.  39  4 | 2.0  11  92 | 1.2  05  16 | 758  .38  83 | 39.  064  12 | 1.8  47  58 | 6.  4  7  4 | 0.2  501  51 | 2.4  268  85 | 0.2  601  91 | 0.0  004  63 | 0.0  009  2 | 10.  300  17 | 605  .31  47 | 0.0  006  77 | 0.2  496  73 | 44  2 |
| 8.5  29 | 57.  478  55 | 26.  52  9 | 2.0  18  84 | 1.2  08  26 | 761  .37  41 | 40.  650  82 | 1.8  56  45 | 6.  5  2  9 | 0.2  491  59 | 2.3  759  16 | 0.2  491  59 | 0.0  003  99 | 0.0  008  97 | 1.0  614  41 | 605  .67  67 | 0.0  006  23 | 0.2  491  59 | 44  2 |
| 8.5  69 | 57.  602  07 | 26.  56  9 | 2.0  17  24 | 1.2  05  86 | 761  .29  16 | 42.  622  98 | 1.8  58  45 | 6.  5  6  9 | 0.2  452  39 | 2.3  385  36 | 0.2  452  39 | 0.0  003  92 | 0.0  008  83 | 1.0  447  42 | 596  .14  77 | 0.0  006  13 | 0.2  452  39 | 44  3 |
| 8.6 | 57.  697  8 | 26.  6 | 2.0  16 | 1.2  04 | 761  .22  76 | 44.  151  4 | 1.8  6 | 6.  6 | 0.2  4 | 2.2  885  79 | 0.2  4 | 0.0  003  84 | 0.0  008  64 | 1.0  224  23 | 583  .41  23 | 0.0 006 | 0.2  4 | 44  2 |
| 8.6  31 | 57.  793  53 | 26.  63  1 | 2.0  14  76 | 1.2  02  14 | 761  .16  36 | 45.  679  82 | 1.8  61  55 | 6.  6  3  1 | 0.2  328  39 | 2.2  202  93 | 0.2  328  39 | 0.0  003  73 | 0.0  008  38 | 0.9  919  16 | 566  .00  47 | 0.0  005  82 | 0.2  328  39 | 43  8 |
| 8.6  71 | 57.  917  05 | 26.  67  1 | 2.0  13  16 | 1.1  99  74 | 761  .08  11 | 47.  651  98 | 1.8  63  55 | 6.  6  7  1 | 0.2  207  59 | 2.1  051  01 | 0.2  207  59 | 0.0  003  53 | 0.0  007  95 | 0.9  404  55 | 536  .63  96 | 0.0  005  52 | 0.2  207  59 | 43  1 |
| 8.7  34 | 58.  236  16 | 26.  80  6 | 2.0  20  08 | 1.2  02  84 | 764  .06  69 | 49.  238  68 | 1.8  72  42 | 6.  7  2  6 | 0.2  123  75 | 2.0  676  09 | 0.2  226  11 | 0.0  004  03 | 0.0  007  83 | 10.  203  12 | 513  .34  26 | 0.0  005  84 | 0.2  118  8 | 43  2 |
| 8.7  29 | 58.  096  15 | 26.  72  9 | 2.0  10  84 | 1.1  96  26 | 760  .96  13 | 50.  511  62 | 1.8  66  45 | 6.  7  2  9 | 0.1  975  59 | 1.8  838  72 | 0.1  975  59 | 0.0  003  16 | 0.0  007  11 | 0.8  416  2 | 480  .24  31 | 0.0  004  94 | 0.1  975  59 | 43  2 |
| 8.7  69 | 58.  219  67 | 26.  76  9 | 2.0  09  24 | 1.1  93  86 | 760  .87  88 | 52.  483  78 | 1.8  68  45 | 6.  7  6  9 | 0.1  776  39 | 1.6  939  2 | 0.1  776  39 | 0.0  002  84 | 0.0  006  4 | 0.7  567  59 | 431  .81  99 | 0.0  004  44 | 0.1  776  39 | 43  1 |
| 8.8 | 58.  315  4 | 26.  8 | 2.0  08 | 1.1  92 | 760  .81  48 | 54.  012  2 | 1.8  7 | 6.  8 | 0.1  6 | 1.5  257  19 | 0.1  6 | 0.0  002  56 | 0.0  005  76 | 0.6  816  15 | 388  .94  15 | 0.0 004 | 0.1  6 | 43  7 |
| 8.8  31 | 58.  411  13 | 26.  83  1 | 2.0  06  76 | 1.1  90  14 | 760  .75  08 | 55.  540  62 | 1.8  71  55 | 6.  8  3  1 | 0.1  404  39 | 1.3  391  9 | 0.1  404  39 | 0.0  002  25 | 0.0  005  06 | 0.5  982  84 | 341  .39  1 | 0.0  003  51 | 0.1  404  39 | 44  3 |
| 8.8  71 | 58.  534  65 | 26.  87  1 | 2.0  05  16 | 1.1  87  74 | 760  .66  83 | 57.  512  78 | 1.8  73  55 | 6.  8  7 | 0.1  123  59 | 1.0  714  27 | 0.1  123  59 | 0.0  001  8 | 0.0  004  04 | 0.4  786  6 | 273  .13  17 | 0.0  002  81 | 0.1  123  59 | 43  7 |
|  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |
| 8.8  98 | 58.  618  02 | 26.  89  8 | 2.0  04  08 | 1.1  86  12 | 760  .61  25 | 58.  843  99 | 1.8  74  9 | 6.  8  9  8 | 0.0  915  96 | 0.8  734  36 | 0.0  915  96 | 0.0  001  47 | 0.0  003  3 | 0.3  902  08 | 222  .65  93 | 0.0  002  29 | 0.0  915  96 | 43  8 |
| 8.9  29 | 58.  713  75 | 26.  92  9 | 2.0  02  84 | 1.1  84  26 | 760  .54  85 | 60.  372  42 | 1.8  76  45 | 6.  9  2  9 | 0.0  659  59 | 0.6  289  68 | 0.0  659  59 | 0.0  001  06 | 0.0  002  37 | 0.2  809  92 | 160  .33  87 | 0.0  001  65 | 0.0  659  59 | 44  0 |
| 8.9  69 | 58.  837  27 | 26.  96  9 | 2.0  01  24 | 1.1  81  86 | 760  .46  6 | 62.  344  58 | 1.8  78  45 | 6.  9  6  9 | 0.0  300  39 | 0.2  864  44 | 0.0  300  39 | 4.8  1E-  05 | 0.0  001  08 | 0.1  279  69 | 73.  021  34 | 7.5  1E-  05 | 0.0  300  39 | 44  2 |
| 9 | 58. 933 | 27 | 2 | 1.1  8 | 760  .40  2 | 63. 873 | 1.8  8 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43  6 |

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