Análisis de calidad de los datos de las EM

|  |  |  |  |
| --- | --- | --- | --- |
| ID EM | Cantidad de años | Cantidad de datos | Datos faltantes |
| CFM\_001\_A | 2 | 822 | 92 |
| CFM\_002\_A | 1 | 579 | 0 |
| FM\_001\_A | 7 | 2116 | 563 |
| FM\_002\_A | 9 | 3213 | 373 |
| M\_001\_A | 4 | 1339 | 242 |
| M\_001\_A\_II | 19 | 6879 | 153 |
| M\_001\_A\_XV | 52 | 18479 | 636 |
| M\_001\_AA | 11 | 4126 | 54 |
| M\_001\_AH | 31 | 6939 | 4384 |
| M\_001\_AJ | 20 | 7549 | 31 |
| M\_001\_B\_II | 32 | 12053 | 0 |
| M\_001\_B\_XV | 32 | 12053 | 0 |
| M\_001\_BOL | 39 | 13375 | 840 |
| M\_001\_Q | 6 | 2074 | 121 |
| M\_001\_W | 12 | 3756 | 747 |
| M\_002\_A | 20 | 6938 | 306 |
| M\_002\_A\_II | 8 | 3228 | 0 |
| M\_002\_AA | 12 | 4495 | 73 |
| M\_002\_AH | 40 | 11071 | 3560 |
| M\_002\_AJ | 7 | 2483 | 389 |
| M\_002\_B\_II | 32 | 12053 | 0 |
| M\_002\_BOL | 7 | 815 | 1862 |
| M\_002\_H | 8 | 1855 | 796 |
| M\_002\_Q | 7 | 2407 | 0 |
| M\_002\_W | 9 | 2985 | 118 |
| M\_003\_A | 34 | 10587 | 1708 |
| M\_003\_A\_II | 44 | 14723 | 1444 |
| M\_003\_A\_XV | 38 | 13920 | 52 |
| M\_003\_AA | 0 | 1 | 0 |
| M\_003\_AH | 2 | 722 | 23 |
| M\_003\_BOL | 10 | 3553 | 0 |
| M\_003\_H | 8 | 1786 | 909 |
| M\_003\_Q | 3 | 1097 | 0 |
| M\_004\_A | 7 | 1386 | 1254 |
| M\_004\_A\_II | 18 | 6433 | 1 |
| M\_004\_A\_XV | 8 | 2810 | 51 |
| M\_004\_AA | 0 | 244 | 5 |
| M\_004\_AH | 1 | 552 | 1 |
| M\_004\_BOL | 14 | 5046 | 249 |
| M\_004\_H | 8 | 1767 | 928 |
| M\_005\_A | 12 | 4141 | 120 |
| M\_005\_A\_II | 11 | 4159 | 102 |
| M\_005\_A\_XV | 1 | 578 | 0 |
| M\_005\_AA | 25 | 3928 | 5203 |
| M\_005\_AH | 2 | 643 | 2 |
| M\_005\_BOL | 38 | 9613 | 4309 |
| M\_005\_H | 8 | 1872 | 823 |
| M\_005\_Q | 3 | 1066 | 0 |
| M\_006\_A | 2 | 731 | 61 |
| M\_006\_A\_II | 40 | 14352 | 197 |
| M\_006\_A\_XV | 21 | 7426 | 91 |
| M\_006\_AA | 0 | 1 | 0 |
| M\_006\_BOL | 6 | 1306 | 1036 |
| M\_006\_Q | 3 | 469 | 385 |
| M\_007\_A | 6 | 2314 | 0 |
| M\_007\_A\_II | 18 | 6516 | 151 |
| M\_007\_A\_XV | 41 | 15003 | 277 |
| M\_007\_AA | 4 | 1746 | 79 |
| M\_007\_BOL | 13 | 4654 | 62 |
| M\_008\_A | 29 | 10379 | 517 |
| M\_008\_A\_II | 23 | 8247 | 243 |
| M\_008\_A\_XV | 2 | 730 | 31 |
| M\_008\_AA | 2 | 717 | 21 |
| M\_008\_BOL | 14 | 5173 | 0 |
| M\_009\_A | 21 | 6236 | 1525 |
| M\_009\_A\_II | 43 | 15811 | 240 |
| M\_009\_A\_XV | 12 | 4153 | 169 |
| M\_009\_AA | 8 | 1047 | 1670 |
| M\_009\_BOL | 61 | 21786 | 584 |
| M\_010\_A | 1 | 458 | 29 |
| M\_010\_A\_II | 44 | 13399 | 2856 |
| M\_010\_A\_XV | 43 | 14319 | 1660 |
| M\_010\_AA | 36 | 11084 | 2430 |
| M\_011\_A | 42 | 13210 | 2465 |
| M\_011\_A\_II | 44 | 15878 | 436 |
| M\_011\_A\_XV | 19 | 7026 | 95 |
| M\_011\_AA | 1 | 15 | 348 |
| M\_011\_B | 32 | 11964 | 0 |
| M\_011\_BOL | 34 | 11683 | 827 |
| M\_012\_A | 36 | 12252 | 927 |
| M\_012\_A\_XV | 52 | 18185 | 991 |
| M\_012\_AA | 20 | 5803 | 1867 |
| M\_012\_BOL | 0 | 181 | 0 |
| M\_013\_A | 1 | 243 | 0 |
| M\_013\_A\_II | 1 | 547 | 31 |
| M\_013\_A\_XV | 29 | 7035 | 3589 |
| M\_013\_AA | 2 | 725 | 14 |
| M\_013\_BOL | 27 | 7550 | 2282 |
| M\_014\_A | 25 | 8554 | 577 |
| M\_014\_A\_II | 40 | 12815 | 1857 |
| M\_014\_A\_XV | 53 | 17935 | 1392 |
| M\_014\_AA | 63 | 11600 | 11666 |
| M\_014\_BOL | 64 | 19640 | 3840 |
| M\_015\_A | 38 | 12905 | 975 |
| M\_015\_A\_II | 46 | 14622 | 2118 |
| M\_015\_A\_XV | 30 | 10672 | 559 |
| M\_015\_AA | 7 | 1009 | 1279 |
| M\_015\_BOL | 12 | 4191 | 373 |
| M\_015\_H | 3 | 1113 | 0 |
| M\_016\_A | 52 | 18583 | 440 |
| M\_016\_A\_II | 13 | 4896 | 186 |
| M\_016\_A\_XV | 6 | 1877 | 70 |
| M\_016\_AA | 1 | 63 | 362 |
| M\_016\_BOL | 48 | 15610 | 2041 |
| M\_016\_H | 4 | 1377 | 53 |
| M\_017\_A | 28 | 8950 | 1611 |
| M\_017\_A\_II | 39 | 14028 | 248 |
| M\_017\_A\_XV | 51 | 15745 | 2975 |
| M\_017\_AA | 6 | 2412 | 25 |
| M\_017\_BOL | 4 | 1459 | 214 |
| M\_018\_A | 36 | 13090 | 150 |
| M\_018\_A\_II | 1 | 428 | 59 |
| M\_018\_A\_XV | 7 | 363 | 2010 |
| M\_018\_AA | 1 | 655 | 8 |
| M\_018\_BOL | 15 | 5023 | 517 |
| M\_019\_A | 20 | 6505 | 1103 |
| M\_019\_A\_II | 12 | 4154 | 168 |
| M\_019\_A\_XV | 3 | 824 | 363 |
| M\_019\_AA | 0 | 18 | 13 |
| M\_019\_BOL | 22 | 7668 | 367 |
| M\_020\_A | 31 | 10553 | 861 |
| M\_020\_A\_II | 35 | 12388 | 335 |
| M\_020\_A\_XV | 30 | 10559 | 552 |
| M\_020\_AA | 0 | 1 | 0 |
| M\_020\_BOL | 38 | 10692 | 3005 |
| M\_021\_A | 29 | 10622 | 92 |
| M\_021\_A\_II | 13 | 4747 | 2 |
| M\_021\_A\_XV | 45 | 15609 | 747 |
| M\_021\_AA | 0 | 3 | 33 |
| M\_021\_BOL | 27 | 10135 | 1 |
| M\_022\_A | 27 | 9860 | 336 |
| M\_022\_A\_II | 40 | 13776 | 773 |
| M\_022\_A\_XV | 17 | 4228 | 2195 |
| M\_022\_AA | 0 | 68 | 15 |
| M\_022\_BOL | 35 | 6027 | 6695 |
| M\_023\_A | 25 | 8516 | 950 |
| M\_023\_A\_II | 41 | 14879 | 280 |
| M\_023\_A\_XV | 3 | 488 | 882 |
| M\_023\_AA | 1 | 220 | 53 |
| M\_023\_BOL | 14 | 5049 | 25 |
| M\_024\_A | 36 | 12814 | 335 |
| M\_024\_A\_II | 46 | 16255 | 485 |
| M\_024\_A\_XV | 50 | 17654 | 882 |
| M\_024\_AA | 4 | 374 | 1084 |
| M\_024\_BOL | 22 | 6715 | 1136 |
| M\_025\_A | 45 | 13781 | 2899 |
| M\_025\_A\_II | 2 | 915 | 0 |
| M\_025\_A\_XV | 51 | 17438 | 1373 |
| M\_025\_AA | 6 | 1917 | 451 |
| M\_025\_BOL | 11 | 3957 | 89 |
| M\_026\_A\_II | 38 | 13120 | 730 |
| M\_026\_A\_XV | 45 | 14733 | 1977 |
| M\_026\_AA | 0 | 4 | 64 |
| M\_026\_BOL | 2 | 547 | 30 |
| M\_027\_A\_II | 37 | 13535 | 345 |
| M\_027\_A\_XV | 7 | 2452 | 378 |
| M\_027\_AA | 6 | 2411 | 26 |
| M\_027\_BOL | 1 | 416 | 11 |
| M\_028\_A\_II | 36 | 12400 | 841 |
| M\_028\_A\_XV | 42 | 10144 | 5019 |
| M\_028\_AA | 1 | 60 | 365 |
| M\_028\_BOL | 8 | 1426 | 1740 |
| M\_029\_A\_II | 50 | 16402 | 1769 |
| M\_029\_A\_XV | 45 | 15920 | 669 |
| M\_029\_AA | 12 | 3806 | 761 |
| M\_029\_BOL | 37 | 10616 | 3051 |
| M\_030\_A\_II | 42 | 9881 | 5399 |
| M\_030\_A\_XV | 38 | 13575 | 578 |
| M\_030\_AA | 2 | 689 | 15 |
| M\_030\_BOL | 13 | 4463 | 498 |
| M\_031\_A\_II | 3 | 273 | 823 |
| M\_031\_A\_XV | 42 | 15179 | 101 |
| M\_031\_AA | 1 | 238 | 10 |
| M\_031\_BOL | 64 | 20807 | 2324 |
| M\_032\_A\_II | 37 | 9767 | 3798 |
| M\_032\_A\_XV | 12 | 3997 | 325 |
| M\_032\_AA | 11 | 4148 | 32 |
| M\_032\_BOL | 7 | 1001 | 1799 |
| M\_033\_A\_II | 39 | 12709 | 1567 |
| M\_033\_A\_XV | 42 | 15374 | 240 |
| M\_033\_AA | 32 | 5190 | 6753 |
| M\_033\_BOL | 8 | 508 | 2474 |
| M\_034\_A\_II | 53 | 11230 | 8372 |
| M\_034\_A\_XV | 6 | 2105 | 118 |
| M\_034\_AA | 7 | 1009 | 1279 |
| M\_034\_BOL | 8 | 652 | 2330 |
| M\_035\_A\_II | 36 | 13116 | 276 |
| M\_035\_A\_XV | 27 | 6510 | 3474 |
| M\_035\_AA | 0 | 20 | 37 |
| M\_035\_BOL | 18 | 4746 | 2072 |
| M\_036\_A\_II | 16 | 5875 | 0 |
| M\_036\_A\_XV | 39 | 14078 | 197 |
| M\_036\_AA | 0 | 35 | 0 |
| M\_036\_BOL | 8 | 2705 | 214 |
| M\_037\_A\_II | 34 | 11680 | 494 |
| M\_037\_A\_XV | 47 | 16258 | 970 |
| M\_037\_AA | 4 | 1451 | 87 |
| M\_037\_BOL | 61 | 15774 | 6688 |
| M\_038\_A\_II | 34 | 12509 | 153 |
| M\_038\_A\_XV | 3 | 1038 | 199 |
| M\_038\_AA | 0 | 7 | 79 |
| M\_038\_BOL | 0 | 358 | 7 |
| M\_039\_A\_II | 39 | 13876 | 400 |
| M\_039\_A\_XV | 10 | 3195 | 517 |
| M\_039\_AA | 14 | 1203 | 4029 |
| M\_039\_BOL | 20 | 5052 | 2313 |
| M\_040\_A\_II | 39 | 13938 | 246 |
| M\_040\_A\_XV | 27 | 9682 | 33 |
| M\_040\_AA | 24 | 6351 | 2443 |
| M\_040\_BOL | 34 | 10773 | 1646 |
| M\_041\_A\_II | 18 | 6328 | 278 |
| M\_041\_A\_XV | 15 | 5478 | 31 |
| M\_041\_AA | 2 | 716 | 22 |
| M\_041\_BOL | 41 | 15028 | 6 |
| M\_042\_A\_II | 35 | 12934 | 93 |
| M\_042\_AA | 7 | 928 | 1779 |
| M\_042\_BOL | 25 | 9158 | 186 |
| M\_043\_A\_II | 5 | 1642 | 0 |
| M\_043\_AA | 13 | 3523 | 1048 |
| M\_043\_BOL | 1 | 360 | 184 |
| M\_044\_A\_II | 6 | 2039 | 20 |
| M\_044\_AA | 0 | 1 | 0 |
| M\_044\_BOL | 7 | 730 | 1826 |
| M\_045\_A\_II | 26 | 9147 | 350 |
| M\_045\_AA | 2 | 717 | 21 |
| M\_045\_BOL | 43 | 8854 | 6851 |
| M\_046\_A\_II | 1 | 363 | 62 |
| M\_046\_AA | 36 | 9874 | 3430 |
| M\_046\_BOL | 0 | 60 | 0 |
| M\_047\_A\_II | 42 | 11384 | 3927 |
| M\_047\_AA | 7 | 916 | 1711 |
| M\_047\_BOL | 35 | 4418 | 8244 |
| M\_048\_A\_II | 2 | 578 | 0 |
| M\_048\_AA | 0 | 2 | 0 |
| M\_048\_BOL | 27 | 2590 | 7363 |
| M\_049\_AA | 6 | 2373 | 52 |
| M\_049\_BOL | 1 | 518 | 0 |
| M\_050\_A\_II | 40 | 11785 | 2750 |
| M\_050\_AA | 2 | 92 | 569 |
| M\_050\_BOL | 38 | 9167 | 4866 |
| M\_051\_AA | 1 | 206 | 192 |
| M\_051\_BOL | 44 | 4715 | 11601 |
| M\_052\_AA | 4 | 1700 | 126 |
| M\_052\_BOL | 24 | 3835 | 4931 |
| M\_053\_AA | 44 | 8207 | 7994 |
| M\_053\_BOL | 2 | 559 | 0 |
| M\_054\_AA | 2 | 719 | 19 |
| M\_054\_BOL | 41 | 9283 | 5845 |
| M\_055\_AA | 18 | 5250 | 1212 |
| M\_055\_BOL | 0 | 181 | 0 |
| M\_056\_AA | 5 | 52 | 1741 |
| M\_056\_BOL | 7 | 2616 | 214 |
| M\_057\_AA | 4 | 1723 | 103 |
| M\_057\_BOL | 31 | 5114 | 6240 |
| M\_058\_AA | 26 | 8442 | 1023 |
| M\_058\_BOL | 0 | 232 | 34 |
| M\_059\_AA | 12 | 4405 | 22 |
| M\_059\_BOL | 8 | 1577 | 1589 |
| M\_060\_AA | 2 | 724 | 15 |
| M\_060\_BOL | 12 | 3045 | 1522 |
| M\_061\_AA | 2 | 422 | 3 |
| M\_061\_BOL | 0 | 91 | 0 |
| M\_062\_AA | 37 | 7323 | 6480 |
| M\_062\_BOL | 41 | 10885 | 4456 |
| M\_063\_AA | 8 | 1079 | 1638 |
| M\_063\_BOL | 29 | 6411 | 4237 |
| M\_064\_AA | 8 | 1175 | 1866 |
| M\_064\_BOL | 9 | 703 | 2586 |
| M\_065\_AA | 0 | 2 | 22 |
| M\_065\_BOL | 24 | 8238 | 469 |
| M\_066\_AA | 4 | 1396 | 428 |
| M\_066\_BOL | 12 | 3166 | 1125 |
| M\_067\_AA | 2 | 720 | 18 |
| M\_067\_BOL | 29 | 10321 | 315 |
| M\_068\_AA | 21 | 5537 | 2147 |
| M\_068\_BOL | 12 | 2495 | 1919 |
| M\_069\_AA | 40 | 6433 | 8385 |
| M\_069\_BOL | 10 | 3748 | 239 |
| M\_070\_AA | 5 | 917 | 743 |
| M\_070\_BOL | 6 | 60 | 2314 |
| M\_071\_AA | 2 | 93 | 568 |
| M\_071\_BOL | 0 | 181 | 0 |
| M\_072\_AA | 1 | 209 | 189 |
| M\_072\_BOL | 8 | 2008 | 792 |
| M\_073\_AA | 6 | 2374 | 51 |
| M\_073\_BOL | 1 | 488 | 70 |
| M\_074\_AA | 4 | 12 | 1556 |
| M\_074\_BOL | 1 | 490 | 68 |
| M\_075\_AA | 4 | 1736 | 90 |
| M\_075\_BOL | 8 | 2008 | 792 |
| M\_076\_AA | 44 | 11161 | 5221 |
| M\_076\_BOL | 22 | 5769 | 2206 |
| M\_077\_AA | 1 | 658 | 5 |
| M\_077\_BOL | 17 | 2689 | 3551 |
| M\_078\_AA | 1 | 241 | 157 |
| M\_078\_BOL | 71 | 16430 | 9546 |
| M\_079\_AA | 6 | 2401 | 25 |
| M\_079\_BOL | 2 | 482 | 3 |
| M\_080\_AA | 2 | 141 | 520 |
| M\_080\_BOL | 8 | 1275 | 1891 |
| M\_081\_AA | 18 | 6090 | 373 |
| M\_081\_BOL | 0 | 265 | 8 |
| M\_082\_AA | 2 | 649 | 88 |
| M\_082\_BOL | 6 | 1816 | 426 |
| M\_083\_AA | 4 | 770 | 799 |
| M\_083\_BOL | 13 | 4438 | 675 |
| M\_084\_AA | 2 | 70 | 557 |
| M\_084\_BOL | 70 | 24732 | 1079 |
| M\_085\_AA | 56 | 6023 | 14686 |
| M\_085\_BOL | 17 | 4713 | 1283 |
| M\_086\_AA | 3 | 736 | 283 |
| M\_086\_BOL | 3 | 991 | 378 |
| M\_087\_AA | 36 | 1855 | 11592 |
| M\_087\_BOL | 71 | 17352 | 8612 |
| M\_088\_AA | 44 | 10374 | 5949 |
| M\_088\_BOL | 3 | 1054 | 407 |
| M\_089\_AA | 1 | 399 | 25 |
| M\_089\_BOL | 1 | 639 | 0 |
| M\_090\_AA | 4 | 1719 | 107 |
| M\_090\_BOL | 22 | 4495 | 3694 |
| M\_091\_AA | 1 | 620 | 43 |
| M\_091\_BOL | 2 | 804 | 271 |
| M\_092\_AA | 5 | 1836 | 133 |
| M\_092\_BOL | 71 | 25621 | 424 |
| M\_093\_AA | 48 | 11852 | 5963 |
| M\_093\_BOL | 8 | 1729 | 1437 |
| M\_094\_AA | 2 | 93 | 568 |
| M\_094\_BOL | 30 | 9527 | 1796 |
| M\_095\_AA | 2 | 689 | 17 |
| M\_095\_BOL | 7 | 1919 | 751 |
| M\_096\_AA | 18 | 4372 | 2090 |
| M\_096\_BOL | 71 | 25293 | 730 |
| M\_097\_AA | 5 | 919 | 741 |
| M\_097\_BOL | 7 | 1458 | 1342 |
| M\_098\_AA | 0 | 35 | 0 |
| M\_098\_BOL | 60 | 9953 | 12084 |
| M\_099\_AA | 2 | 141 | 520 |
| M\_099\_BOL | 8 | 1364 | 1802 |
| M\_100\_AA | 5 | 1935 | 34 |
| M\_100\_BOL | 1 | 457 | 0 |
| M\_101\_AA | 5 | 1656 | 4 |
| M\_101\_BOL | 1 | 274 | 61 |
| M\_102\_AA | 20 | 5321 | 2024 |
| M\_102\_BOL | 36 | 8680 | 4622 |
| M\_103\_AA | 4 | 1718 | 108 |
| M\_103\_BOL | 36 | 9100 | 4049 |
| M\_104\_AA | 44 | 10838 | 5302 |
| M\_104\_BOL | 3 | 852 | 0 |
| M\_105\_AA | 2 | 720 | 18 |
| M\_105\_BOL | 8 | 688 | 2294 |
| M\_106\_AA | 33 | 5006 | 6938 |
| M\_106\_BOL | 26 | 8486 | 889 |
| M\_107\_AA | 5 | 921 | 739 |
| M\_107\_BOL | 8 | 876 | 2106 |
| M\_108\_AA | 2 | 94 | 567 |
| M\_109\_AA | 35 | 1917 | 11182 |
| M\_109\_BOL | 10 | 3536 | 135 |
| M\_110\_AA | 2 | 92 | 569 |
| M\_110\_BOL | 64 | 14979 | 8601 |
| M\_111\_AA | 6 | 2375 | 50 |
| M\_111\_BOL | 5 | 1570 | 454 |
| M\_112\_AA | 1 | 205 | 193 |
| M\_112\_BOL | 11 | 3349 | 488 |
| M\_113\_AA | 2 | 713 | 25 |
| M\_113\_BOL | 21 | 7244 | 395 |
| M\_114\_AA | 5 | 918 | 742 |
| M\_114\_BOL | 26 | 9555 | 155 |
| M\_115\_AA | 18 | 4161 | 2322 |
| M\_115\_BOL | 33 | 7723 | 4604 |
| M\_116\_AA | 4 | 1635 | 191 |
| M\_116\_BOL | 4 | 1555 | 59 |
| M\_117\_AA | 44 | 6829 | 9372 |
| M\_117\_BOL | 39 | 12925 | 1533 |
| M\_118\_AA | 5 | 1841 | 128 |
| M\_119\_AA | 18 | 2874 | 3883 |
| M\_119\_BOL | 70 | 15084 | 10635 |
| M\_120\_AA | 2 | 88 | 573 |
| M\_120\_BOL | 30 | 10859 | 68 |
| M\_121\_AA | 11 | 3949 | 288 |
| M\_121\_BOL | 37 | 11066 | 2389 |
| M\_122\_AA | 2 | 719 | 19 |
| M\_122\_BOL | 5 | 1885 | 125 |
| M\_123\_AA | 4 | 1675 | 151 |
| M\_123\_BOL | 36 | 11219 | 2113 |
| M\_124\_AA | 19 | 4564 | 2297 |
| M\_124\_BOL | 9 | 3317 | 0 |
| M\_125\_AA | 6 | 2373 | 52 |
| M\_126\_AA | 5 | 919 | 741 |
| M\_126\_BOL | 38 | 13476 | 342 |
| M\_127\_AA | 2 | 93 | 568 |
| M\_127\_BOL | 17 | 6136 | 42 |
| M\_128\_AA | 43 | 8282 | 7766 |
| M\_128\_BOL | 8 | 1303 | 1863 |
| M\_129\_AA | 0 | 3 | 1 |
| M\_129\_BOL | 59 | 20468 | 1447 |
| M\_130\_AA | 2 | 683 | 23 |
| M\_131\_AA | 22 | 5759 | 2324 |
| M\_131\_BOL | 1 | 457 | 0 |
| M\_132\_AA | 6 | 2382 | 43 |
| M\_132\_BOL | 8 | 2708 | 214 |
| M\_133\_AA | 5 | 917 | 743 |
| M\_133\_BOL | 34 | 7872 | 4271 |
| M\_134\_AA | 2 | 93 | 568 |
| M\_134\_BOL | 27 | 9892 | 31 |
| M\_135\_AA | 36 | 5815 | 7431 |
| M\_135\_BOL | 5 | 1978 | 0 |
| M\_136\_AA | 3 | 1128 | 53 |
| M\_136\_BOL | 41 | 14876 | 86 |
| M\_137\_AA | 0 | 35 | 0 |
| M\_137\_BOL | 30 | 5537 | 5299 |
| M\_138\_AA | 2 | 633 | 105 |
| M\_138\_BOL | 37 | 10913 | 2480 |
| M\_139\_AA | 5 | 806 | 854 |
| M\_139\_BOL | 31 | 2726 | 8656 |
| M\_140\_AA | 18 | 3805 | 2657 |
| M\_141\_AA | 1 | 194 | 204 |
| M\_141\_BOL | 6 | 761 | 1216 |
| M\_142\_AA | 2 | 48 | 613 |
| M\_142\_BOL | 39 | 10368 | 3755 |
| M\_143\_AA | 6 | 2082 | 343 |
| M\_143\_BOL | 71 | 22454 | 3662 |
| M\_144\_AA | 39 | 4871 | 9412 |
| M\_144\_BOL | 7 | 1244 | 1678 |
| M\_145\_AA | 0 | 1 | 0 |
| M\_145\_BOL | 36 | 5399 | 7903 |
| M\_146\_AA | 2 | 49 | 612 |
| M\_146\_BOL | 38 | 7787 | 5971 |
| M\_147\_AA | 6 | 1987 | 435 |
| M\_147\_BOL | 10 | 3379 | 548 |
| M\_148\_AA | 1 | 190 | 208 |
| M\_148\_BOL | 1 | 547 | 153 |
| M\_149\_AA | 2 | 628 | 110 |
| M\_149\_BOL | 72 | 15784 | 10490 |
| M\_150\_AA | 4 | 715 | 855 |
| M\_150\_BOL | 8 | 871 | 2080 |
| M\_151\_AA | 11 | 2098 | 2139 |
| M\_151\_BOL | 0 | 365 | 0 |
| M\_152\_AA | 2 | 94 | 567 |
| M\_152\_BOL | 71 | 22152 | 4026 |
| M\_153\_AA | 6 | 2374 | 51 |
| M\_153\_BOL | 8 | 3041 | 31 |
| M\_154\_AA | 1 | 209 | 189 |
| M\_154\_BOL | 17 | 3184 | 2994 |
| M\_155\_AA | 13 | 4732 | 358 |
| M\_155\_BOL | 7 | 847 | 1800 |
| M\_156\_AA | 2 | 686 | 20 |
| M\_156\_BOL | 10 | 3889 | 0 |
| M\_157\_AA | 18 | 4356 | 2106 |
| M\_157\_BOL | 36 | 2751 | 10520 |
| M\_158\_AA | 5 | 920 | 740 |
| M\_159\_AA | 4 | 1586 | 239 |
| M\_160\_AA | 29 | 2228 | 8529 |
| M\_161\_AA | 0 | 35 | 0 |
| M\_162\_AA | 4 | 1115 | 553 |
| M\_163\_AA | 1 | 243 | 276 |
| M\_164\_AA | 4 | 1492 | 183 |
| M\_165\_AA | 7 | 2458 | 217 |
| M\_166\_AA | 1 | 209 | 189 |
| M\_167\_AA | 2 | 634 | 104 |
| M\_168\_AA | 24 | 6117 | 2750 |
| M\_169\_AA | 5 | 840 | 820 |
| M\_170\_AA | 2 | 721 | 17 |
| M\_171\_AA | 5 | 918 | 742 |
| M\_172\_AA | 21 | 5550 | 2134 |
| M\_173\_AA | 1 | 587 | 75 |
| M\_174\_AA | 39 | 5347 | 9015 |
| M\_175\_AA | 7 | 2463 | 212 |
| M\_176\_AA | 1 | 212 | 186 |
| M\_177\_AA | 7 | 2462 | 213 |
| M\_178\_AA | 1 | 212 | 186 |
| M\_179\_AA | 0 | 236 | 12 |
| M\_180\_AA | 4 | 1603 | 192 |
| M\_181\_AA | 2 | 687 | 20 |
| M\_182\_AA | 18 | 4357 | 2130 |
| M\_183\_AA | 42 | 7061 | 8470 |
| M\_184\_AA | 5 | 905 | 755 |
| M\_185\_AA | 1 | 395 | 29 |
| M\_186\_AA | 0 | 35 | 0 |
| M\_187\_AA | 3 | 1005 | 303 |
| M\_188\_AA | 4 | 1217 | 352 |
| M\_189\_AA | 11 | 2079 | 2158 |
| M\_190\_AA | 1 | 189 | 209 |
| M\_191\_AA | 6 | 1994 | 428 |
| M\_192\_AA | 2 | 45 | 616 |
| M\_193\_AA | 60 | 2099 | 19830 |
| M\_194\_AA | 8 | 2214 | 378 |
| M\_195\_AA | 2 | 725 | 14 |
| M\_196\_AA | 7 | 1061 | 1373 |
| M\_197\_AA | 54 | 5655 | 14227 |
| M\_198\_AA | 12 | 4434 | 242 |
| M\_199\_AA | 2 | 416 | 9 |
| M\_200\_AA | 14 | 3451 | 1650 |
| M\_201\_AA | 5 | 1828 | 20 |
| M\_202\_AA | 1 | 17 | 210 |
| M\_203\_AA | 1 | 233 | 16 |
| M\_204\_AA | 1 | 243 | 6 |
| M\_205\_AA | 10 | 2201 | 1778 |
| M\_206\_AA | 15 | 3606 | 2203 |
| M\_207\_AA | 15 | 3966 | 1740 |
| M\_208\_AA | 2 | 415 | 652 |
| M\_209\_AA | 1 | 374 | 67 |
| M\_210\_AA | 2 | 726 | 14 |
| M\_211\_AA | 8 | 1079 | 1638 |
| M\_212\_AA | 27 | 7934 | 2055 |
| M\_213\_AA | 0 | 27 | 0 |
| M\_214\_AA | 0 | 2 | 0 |
| M\_215\_AA | 0 | 38 | 0 |
| M\_216\_AA | 12 | 1935 | 2680 |
| M\_217\_AA | 11 | 560 | 3378 |
| M\_218\_AA | 6 | 2212 | 33 |
| M\_219\_AA | 1 | 15 | 212 |
| M\_220\_AA | 1 | 429 | 14 |
| M\_221\_AA | 19 | 2071 | 4828 |
| M\_222\_AA | 2 | 726 | 14 |
| M\_223\_AA | 8 | 1079 | 1638 |
| M\_224\_AA | 8 | 2212 | 369 |
| M\_225\_AA | 37 | 5121 | 8683 |
| M\_226\_AA | 12 | 4422 | 6 |
| M\_227\_AA | 19 | 4700 | 2271 |
| M\_228\_AA | 2 | 420 | 5 |
| M\_229\_AA | 7 | 2583 | 4 |
| M\_230\_AA | 14 | 3984 | 1220 |
| M\_231\_AA | 3 | 95 | 732 |
| M\_232\_AA | 15 | 1294 | 4116 |
| M\_233\_AA | 0 | 31 | 23 |
| M\_234\_AA | 6 | 1551 | 671 |
| M\_235\_AA | 7 | 2708 | 1 |
| M\_236\_AA | 11 | 808 | 3027 |
| M\_237\_AA | 21 | 6187 | 1539 |
| M\_238\_AA | 0 | 1 | 0 |
| M\_239\_AA | 0 | 17 | 15 |
| M\_240\_AA | 0 | 1 | 0 |
| M\_241\_AA | 19 | 18 | 7002 |
| M\_242\_AA | 2 | 697 | 98 |
| M\_243\_AA | 36 | 10705 | 2717 |
| M\_244\_AA | 0 | 22 | 9 |
| M\_245\_AA | 15 | 2406 | 3101 |
| M\_246\_AA | 2 | 673 | 32 |
| M\_247\_AA | 38 | 10003 | 4214 |
| M\_248\_AA | 8 | 1049 | 1668 |
| M\_249\_AA | 0 | 8 | 4 |
| M\_250\_AA | 0 | 35 | 0 |
| M\_251\_AA | 1 | 4 | 201 |
| M\_252\_AA | 1 | 3 | 297 |
| M\_253\_AA | 3 | 208 | 844 |
| M\_254\_AA | 29 | 3332 | 7592 |
| M\_255\_AA | 53 | 12403 | 6960 |
| M\_256\_AA | 0 | 1 | 0 |
| M\_257\_AA | 3 | 1138 | 258 |
| M\_258\_AA | 2 | 723 | 15 |
| M\_259\_AA | 51 | 12602 | 6365 |
| M\_260\_AA | 8 | 1066 | 1651 |
| M\_261\_AA | 0 | 1 | 0 |
| M\_262\_AA | 2 | 738 | 176 |
| M\_263\_AA | 0 | 2 | 11 |
| M\_264\_AA | 0 | 262 | 49 |
| M\_265\_AA | 38 | 10945 | 2962 |
| M\_266\_AA | 8 | 1794 | 923 |
| M\_267\_AA | 0 | 1 | 0 |
| M\_268\_AA | 0 | 88 | 200 |
| M\_269\_AA | 2 | 691 | 16 |
| M\_270\_AA | 8 | 1079 | 1638 |
| M\_271\_AA | 0 | 35 | 0 |
| M\_272\_AA | 37 | 11499 | 2057 |
| M\_273\_AA | 2 | 659 | 5 |
| M\_274\_AA | 0 | 1 | 0 |
| M\_275\_AA | 6 | 2159 | 275 |
| M\_276\_AA | 11 | 1828 | 2376 |
| M\_277\_AA | 2 | 724 | 15 |
| M\_278\_AA | 8 | 1080 | 1637 |
| M\_279\_AA | 53 | 15309 | 4193 |
| M\_280\_AA | 0 | 115 | 61 |
| M\_281\_AA | 5 | 398 | 1406 |
| M\_282\_AA | 0 | 53 | 249 |
| M\_283\_AA | 5 | 1182 | 952 |
| M\_284\_AA | 24 | 4989 | 3778 |
| M\_285\_AA | 11 | 1457 | 2747 |
| M\_286\_AA | 2 | 721 | 17 |
| M\_287\_AA | 8 | 1058 | 1659 |
| M\_288\_AA | 51 | 14228 | 4431 |
| M\_289\_AA | 0 | 263 | 6 |
| M\_290\_AA | 0 | 1 | 0 |
| M\_291\_AA | 0 | 1 | 0 |
| M\_292\_AA | 0 | 1 | 0 |
| M\_293\_AA | 0 | 2 | 11 |
| M\_294\_AA | 0 | 1 | 0 |