Table 4. Observed and calculated structure factors of moctezumite

Columns are 10Fo 10Fc 10Sig, * for unobserved

| l | kFo | Fc | Sig |
|---|---|---|---|
| -10, | 0, | 1 | |
| 2 | 2172 | 2079 | 33 |
| 4 | 537 | 548 | 83 |
| -10, | 1, | 1 | |
| 1 | 1131 | 1072 | 27 |
| 2 | 552 | 483 | 75 |
| 3 | 307 | 258 | 136* |
| 4 | 1692 | 1590 | 21 |
| 5 | 403 | 8 | 78* |
| -10, | 2, | 1 | |
| 1 | 188 | 343 | 437* |
| 2 | 450 | 269 | 92* |
| 3 | 536 | 365 | 53 |
| -9, | 0, | 1 | |
| 2 | 879 | 774 | 45 |
| 4 | 1875 | 1771 | 29 |
| 6 | 353 | 583 | 131* |
| 8 | 395 | 307 | 375* |
| -9, | 1, | 1 | |
| 1 | 457 | 234 | 57 |
| 2 | 311 | 125 | 123* |
| 3 | 1540 | 1409 | 21 |
| 4 | 377 | 274 | 110* |
| 5 | 1430 | 1333 | 24 |
| 6 | 1162 | 1120 | 30 |
| 7 | 374 | 463 | 132* |
| 8 | 993 | 1029 | 38 |
| 9 | 1082 | 1045 | 37 |
| -9, | 2, | 1 | |
| 1 | 2522 | 2369 | 26 |
| 2 | 1080 | 903 | 26 |
| 3 | 431 | 357 | 64 |
| 4 | 1038 | 973 | 30 |
| 5 | 1189 | 1085 | 27 |
| 6 | 236 | 216 | 396* |
| 7 | 1907 | 1964 | 22 |
| 8 | 488 | 490 | 91* |
| -9, | 3, | 1 | |
| 1 | 257 | 285 | 120* |
| 2 | 86 | 42 | 881* |
| 3 | 1989 | 1949 | 22 |
| 4 | 560 | 411 | 49 |
| 5 | 1804 | 1805 | 20 |
| 6 | 403 | 417 | 75* |
| 7 | 619 | 674 | 51 |
| -9, | 4, | 1 | |
| 1 | 914 | 927 | 28 |
| 2 | 239 | 242 | 130* |
| 3 | 149 | 197 | 165* |
| 4 | 610 | 611 | 62 |
| 5 | 462 | 381 | 74 |
| -8, | 0, | 1 | |

| l | kFo | Fc | Sig |
|---|---|---|---|
| 2 | 87 | 387 | 1261* |
| 4 | 818 | 763 | 48 |
| 6 | 2738 | 2756 | 38 |
| 8 | 2064 | 2023 | 35 |
| 10 | 915 | 870 | 60 |
| 12 | 1923 | 1832 | 36 |
| -8, | 1, | 1 | |
| 1 | 212 | 129 | 337* |
| 2 | 2292 | 2116 | 23 |
| 3 | 334 | 131 | 110* |
| 4 | 2261 | 2185 | 24 |
| 5 | 674 | 608 | 42 |
| 6 | 550 | 455 | 52 |
| 7 | 550 | 562 | 58 |
| 8 | 1302 | 1276 | 29 |
| 9 | 569 | 573 | 63 |
| 10 | 1693 | 1618 | 26 |
| 11 | 106 | 96 | 474* |
| 12 | 854 | 778 | 49 |
| -8, | 2, | 1 | |
| 1 | 405 | 308 | 85* |
| 2 | 405 | 286 | 74* |
| 3 | 1627 | 1614 | 19 |
| 4 | 89 | 83 | 867* |
| 5 | 602 | 567 | 44 |
| 6 | 635 | 682 | 46 |
| 7 | 458 | 52 | 80* |
| 8 | 145 | 272 | 657* |
| 9 | 1316 | 1301 | 28 |
| 10 | 575 | 668 | 63 |
| 11 | 204 | 217 | 538* |
| -8, | 3, | 1 | |
| 1 | 198 | 177 | 164* |
| 2 | 714 | 667 | 34 |
| 3 | 608 | 534 | 39 |
| 4 | 1278 | 1238 | 22 |
| 5 | 1530 | 1587 | 20 |
| 6 | 123 | 199 | 314* |
| 7 | 1278 | 1349 | 25 |
| 8 | 673 | 770 | 48 |
| 9 | 453 | 363 | 89* |
| 10 | 676 | 691 | 65 |
| -8, | 4, | 1 | |
| 1 | 1362 | 1329 | 19 |
| 2 | 665 | 624 | 35 |
| 3 | 1308 | 1363 | 21 |
| 4 | 831 | 800 | 30 |
| 5 | 251 | 200 | 289* |
| 6 | 1528 | 1587 | 21 |
| 7 | 600 | 673 | 49 |
| 8 | 1631 | 1681 | 22 |
| 9 | 1378 | 1421 | 27 |

| l | kFo | Fc | Sig |
|---|---|---|---|
| -8, | 5, | 1 | |
| 1 | 267 | 165 | 249* |
| 2 | 1591 | 1584 | 18 |
| 3 | 777 | 739 | 31 |
| 4 | 1974 | 2000 | 22 |
| 5 | 1309 | 1331 | 22 |
| 6 | 444 | 466 | 85* |
| -7, | 0, | 1 | |
| 2 | 1971 | 1890 | 29 |
| 4 | 334 | 504 | 108* |
| 6 | 230 | 139 | 161* |
| 8 | 2170 | 2144 | 29 |
| 10 | 775 | 720 | 60 |
| 12 | 595 | 673 | 87 |
| 14 | 591 | 387 | 93 |
| -7, | 1, | 1 | |
| 1 | 1751 | 1660 | 20 |
| 2 | 517 | 168 | 58 |
| 3 | 1938 | 1954 | 20 |
| 4 | 1276 | 1322 | 22 |
| 5 | 415 | 515 | 62 |
| 6 | 1387 | 1391 | 22 |
| 7 | 865 | 905 | 34 |
| 8 | 610 | 600 | 49 |
| 9 | 1527 | 1479 | 23 |
| 10 | 97 | 98 | 426* |
| 11 | 1057 | 1015 | 35 |
| 12 | 1822 | 1732 | 24 |
| 13 | 478 | 446 | 81* |
| -7, | 2, | 1 | |
| 1 | 501 | 424 | 57 |
| 2 | 942 | 954 | 26 |
| 3 | 472 | 483 | 49 |
| 4 | 131 | 83 | 250* |
| 5 | 2504 | 2556 | 25 |
| 6 | 282 | 294 | 126* |
| 7 | 2407 | 2412 | 26 |
| 8 | 1307 | 1299 | 24 |
| 9 | 751 | 699 | 40 |
| 10 | 794 | 803 | 41 |
| 11 | 1808 | 1741 | 22 |
| 12 | 103 | 101 | 1020* |
| 13 | 1760 | 1686 | 24 |
| -7, | 3, | 1 | |
| 1 | 2346 | 2225 | 25 |
| 2 | 570 | 446 | 39 |
| 3 | 2705 | 2785 | 27 |
| 4 | 759 | 744 | 31 |
| 5 | 376 | 396 | 60 |
| 6 | 151 | 431 | 493* |
| 7 | 953 | 1003 | 28 |
| 8 | 392 | 427 | 98* |

| l | kFo | Fc | Sig |
|---|---|---|---|
| 9 | 2055 | 2002 | 22 |
| 10 | 238 | 418 | 400* |
| 11 | 1340 | 1290 | 26 |
| 12 | 147 | 127 | 684* |
| -7, | 4, | 1 | |
| 1 | 682 | 671 | 32 |
| 2 | 753 | 791 | 30 |
| 3 | 415 | 115 | 64 |
| 4 | 455 | 488 | 62 |
| 5 | 938 | 976 | 26 |
| 6 | 88 | 141 | 826* |
| 7 | 888 | 933 | 30 |
| 8 | 669 | 616 | 52 |
| 9 | 678 | 591 | 62 |
| 10 | 239 | 350 | 123* |
| 11 | 663 | 558 | 47 |
| -7, | 5, | 1 | |
| 1 | 82 | 83 | 789* |
| 2 | 461 | 433 | 46 |
| 3 | 432 | 446 | 70 |
| 4 | 831 | 885 | 28 |
| 5 | 392 | 435 | 75* |
| 6 | 807 | 859 | 31 |
| 7 | 666 | 639 | 38 |
| 8 | 89 | 261 | 380* |
| 9 | 180 | 177 | 475* |
| -7, | 6, | 1 | |
| 1 | 1103 | 1048 | 21 |
| 2 | 1004 | 1088 | 24 |
| 3 | 798 | 762 | 29 |
| 4 | 406 | 343 | 74* |
| 5 | 933 | 965 | 27 |
| 6 | 880 | 896 | 29 |
| 7 | 1429 | 1463 | 21 |
| -6, | 0, | 1 | |
| 2 | 79 | 149 | 1202* |
| 4 | 3114 | 3234 | 37 |
| 6 | 3360 | 3425 | 37 |
| 8 | 337 | 464 | 110* |
| 10 | 1616 | 1541 | 30 |
| 12 | 2530 | 2389 | 37 |
| 14 | 857 | 791 | 58 |
| -6, | 1, | 1 | |
| 1 | 597 | 525 | 39 |
| 2 | 3248 | 3231 | 26 |
| 3 | 563 | 522 | 59 |
| 4 | 137 | 308 | 211* |
| 5 | 580 | 637 | 42 |
| 6 | 729 | 734 | 34 |
| 7 | 758 | 802 | 35 |
| 8 | 2205 | 2128 | 25 |
| 9 | 90 | 310 | 939* |

Columns are 10Fo 10Fc 10Sig, * for unobserved

| l | kFo | Fc | Sig |
|---|---|---|---|
| -6, | 1, | 1 | |
| 10 | 1562 | 1471 | 21 |
| 11 | 1349 | 1310 | 25 |
| 12 | 909 | 831 | 36 |
| 13 | 230 | 319 | 416* |
| 14 | 1490 | 1368 | 26 |
| 15 | 104 | 386 | 1030* |
| -6, | 2, | 1 | |
| 1 | 1996 | 1996 | 21 |
| 2 | 242 | 499 | 274* |
| 3 | 541 | 558 | 41 |
| 4 | 640 | 695 | 35 |
| 5 | 487 | 526 | 46 |
| 6 | 564 | 616 | 41 |
| 7 | 1486 | 1473 | 18 |
| 8 | 170 | 306 | 425* |
| 9 | 551 | 470 | 46 |
| 10 | 90 | 88 | 879* |
| 11 | 964 | 911 | 30 |
| 12 | 550 | 592 | 55 |
| 13 | 239 | 110 | 378* |
| 14 | 100 | 152 | 995* |
| -6, | 3, | 1 | |
| 1 | 151 | 162 | 138* |
| 2 | 1403 | 1443 | 17 |
| 3 | 1714 | 1843 | 19 |
| 4 | 674 | 705 | 32 |
| 5 | 1285 | 1329 | 18 |
| 6 | 908 | 956 | 25 |
| 7 | 83 | 338 | 844* |
| 8 | 875 | 879 | 28 |
| 9 | 90 | 116 | 384* |
| 10 | 986 | 965 | 28 |
| 11 | 2373 | 2332 | 24 |
| 12 | 93 | 313 | 961* |
| 13 | 314 | 338 | 94* |
| 14 | 695 | 727 | 46 |
| -6, | 4, | 1 | |
| 1 | 1081 | 1103 | 21 |
| 2 | 581 | 624 | 35 |
| 3 | 416 | 436 | 65 |
| 4 | 1760 | 1897 | 18 |
| 5 | 474 | 422 | 43 |
| 6 | 2260 | 2340 | 24 |
| 7 | 1950 | 1998 | 21 |
| 8 | 403 | 489 | 82* |
| 9 | 1302 | 1301 | 21 |
| 10 | 1363 | 1324 | 22 |
| 11 | 91 | 142 | 291* |
| 12 | 1351 | 1371 | 23 |
| 13 | 257 | 350 | 171* |
| -6, | 5, | 1 | |

| l | kFo | Fc | Sig |
|---|---|---|---|
| 1 | 669 | 632 | 31 |
| 2 | 2553 | 2584 | 27 |
| 3 | 1677 | 1856 | 17 |
| 4 | 510 | 552 | 53 |
| 5 | 832 | 899 | 26 |
| 6 | 882 | 876 | 25 |
| 7 | 656 | 609 | 35 |
| 8 | 1501 | 1477 | 19 |
| 9 | 508 | 526 | 49 |
| 10 | 1659 | 1620 | 20 |
| 11 | 1004 | 1005 | 29 |
| -6, | 6, | 1 | |
| 1 | 82 | 260 | 754* |
| 2 | 142 | 84 | 428* |
| 3 | 326 | 321 | 83* |
| 4 | 880 | 917 | 25 |
| 5 | 172 | 243 | 362* |
| 6 | 1351 | 1416 | 19 |
| 7 | 608 | 620 | 39 |
| 8 | 185 | 523 | 397* |
| 9 | 907 | 881 | 29 |
| -6, | 7, | 1 | |
| 1 | 690 | 660 | 31 |
| 2 | 468 | 457 | 45 |
| 3 | 84 | 121 | 741* |
| 4 | 540 | 558 | 40 |
| 5 | 83 | 98 | 332* |
| 6 | 354 | 385 | 80* |
| -5, | 0, | 1 | |
| 2 | 415 | 235 | 69* |
| 4 | 721 | 732 | 41 |
| 6 | 2403 | 2435 | 38 |
| 8 | 731 | 667 | 45 |
| 10 | 981 | 891 | 36 |
| 12 | 565 | 424 | 63 |
| 14 | 2779 | 2606 | 38 |
| 16 | 502 | 531 | 93* |
| -5, | 1, | 1 | |
| 1 | 3224 | 3205 | 27 |
| 2 | 1761 | 1828 | 18 |
| 3 | 749 | 752 | 28 |
| 4 | 1439 | 1504 | 16 |
| 5 | 640 | 782 | 32 |
| 6 | 405 | 433 | 71* |
| 7 | 1794 | 1824 | 19 |
| 8 | 751 | 750 | 31 |
| 9 | 1707 | 1630 | 18 |
| 10 | 2447 | 2341 | 26 |
| 11 | 350 | 402 | 100* |
| 12 | 384 | 431 | 94* |
| 13 | 1237 | 1148 | 24 |
| 14 | 616 | 628 | 47 |

| l | kFo | Fc | Sig |
|---|---|---|---|
| 15 | 1056 | 996 | 31 |
| 16 | 405 | 214 | 99* |
| -5, | 2, | 1 | |
| 1 | 260 | 126 | 104* |
| 2 | 429 | 396 | 45 |
| 3 | 2810 | 3016 | 23 |
| 4 | 171 | 106 | 149* |
| 5 | 3423 | 3654 | 31 |
| 6 | 1625 | 1714 | 16 |
| 7 | 611 | 633 | 34 |
| 8 | 738 | 756 | 29 |
| 9 | 1357 | 1388 | 18 |
| 10 | 173 | 64 | 365* |
| 11 | 2349 | 2221 | 23 |
| 12 | 203 | 120 | 347* |
| 13 | 1133 | 1079 | 25 |
| 14 | 1141 | 1093 | 26 |
| 15 | 808 | 714 | 37 |
| -5, | 3, | 1 | |
| 1 | 4802 | 4868 | 30 |
| 2 | 1037 | 1097 | 20 |
| 3 | 237 | 345 | 106* |
| 4 | 244 | 194 | 95* |
| 5 | 599 | 621 | 31 |
| 6 | 605 | 598 | 32 |
| 7 | 2256 | 2343 | 24 |
| 8 | 230 | 534 | 267* |
| 9 | 2188 | 2211 | 22 |
| 10 | 243 | 157 | 263* |
| 11 | 690 | 699 | 33 |
| 12 | 878 | 885 | 28 |
| 13 | 1252 | 1197 | 22 |
| 14 | 511 | 481 | 62 |
| 15 | 1430 | 1434 | 22 |
| -5, | 4, | 1 | |
| 1 | 488 | 504 | 41 |
| 2 | 537 | 466 | 47 |
| 3 | 946 | 984 | 21 |
| 4 | 296 | 321 | 61* |
| 5 | 1547 | 1639 | 16 |
| 6 | 345 | 413 | 73* |
| 7 | 79 | 164 | 331* |
| 8 | 374 | 361 | 64* |
| 9 | 79 | 31 | 737* |
| 10 | 864 | 823 | 25 |
| 11 | 920 | 867 | 25 |
| 12 | 84 | 113 | 819* |
| 13 | 200 | 358 | 358* |
| 14 | 1260 | 1237 | 23 |
| -5, | 5, | 1 | |
| 1 | 79 | 171 | 769* |
| 2 | 1144 | 1164 | 19 |

| l | kFo | Fc | Sig |
|---|---|---|---|
| 3 | 1134 | 1175 | 18 |
| 4 | 979 | 1008 | 20 |
| 5 | 1036 | 1069 | 19 |
| 6 | 348 | 291 | 52 |
| 7 | 467 | 458 | 40 |
| 8 | 84 | 92 | 336* |
| 9 | 388 | 330 | 80* |
| 10 | 1679 | 1636 | 20 |
| 11 | 439 | 523 | 51 |
| 12 | 104 | 143 | 256* |
| 13 | 692 | 649 | 35 |
| -5, | 6, | 1 | |
| 1 | 686 | 814 | 33 |
| 2 | 640 | 630 | 30 |
| 3 | 1208 | 1225 | 18 |
| 4 | 872 | 896 | 22 |
| 5 | 1649 | 1680 | 18 |
| 6 | 2116 | 2160 | 23 |
| 7 | 413 | 437 | 48 |
| 8 | 883 | 887 | 24 |
| 9 | 1204 | 1189 | 20 |
| 10 | 369 | 389 | 95* |
| 11 | 866 | 859 | 27 |
| -5, | 7, | 1 | |
| 1 | 2139 | 2114 | 22 |
| 2 | 2041 | 2144 | 21 |
| 3 | 830 | 859 | 25 |
| 4 | 819 | 862 | 25 |
| 5 | 918 | 953 | 23 |
| 6 | 767 | 776 | 27 |
| 7 | 965 | 1014 | 23 |
| 8 | 650 | 652 | 33 |
| -5, | 8, | 1 | |
| 1 | 407 | 355 | 68* |
| 2 | 587 | 567 | 35 |
| 3 | 517 | 537 | 38 |
| -4, | 0, | 1 | |
| 2 | 3329 | 3479 | 41 |
| 4 | 6288 | 6605 | 35 |
| 6 | 594 | 623 | 41 |
| 8 | 1362 | 1330 | 22 |
| 10 | 3145 | 3062 | 46 |
| 12 | 1733 | 1662 | 25 |
| 14 | 554 | 615 | 62 |
| 16 | 1475 | 1327 | 31 |
| -4, | 1, | 1 | |
| 1 | 278 | 314 | 198* |
| 2 | 236 | 299 | 222* |
| 3 | 707 | 786 | 24 |
| 4 | 155 | 277 | 301* |
| 5 | 681 | 714 | 24 |
| 6 | 2573 | 2628 | 21 |

Columns are 10Fo 10Fc 10Sig, * for unobserved

| l | kFo | Fc | Sig |
|---|---|---|---|
| -4, 1, l | | | |
| 7 | 691 | 720 | 26 |
| 8 | 2734 | 2695 | 22 |
| 9 | 1518 | 1492 | 16 |
| 10 | 544 | 555 | 35 |
| 11 | 507 | 443 | 38 |
| 12 | 1030 | 986 | 22 |
| 13 | 637 | 657 | 50 |
| 14 | 1689 | 1616 | 18 |
| 15 | 102 | 50 | 346* |
| 16 | 237 | 238 | 345* |
| 17 | 1362 | 1321 | 24 |
| -4, 2, l | | | |
| 1 | 71 | 115 | 322* |
| 2 | 456 | 544 | 37 |
| 3 | 619 | 628 | 26 |
| 4 | 1445 | 1562 | 14 |
| 5 | 2014 | 2108 | 20 |
| 6 | 64 | 110 | 719* |
| 7 | 481 | 479 | 33 |
| 8 | 320 | 246 | 50 |
| 9 | 1016 | 992 | 18 |
| 10 | 602 | 572 | 30 |
| 11 | 606 | 600 | 31 |
| 12 | 358 | 416 | 68* |
| 13 | 2347 | 2316 | 25 |
| 14 | 713 | 694 | 33 |
| 15 | 691 | 675 | 35 |
| 16 | 88 | 148 | 874* |
| -4, 3, l | | | |
| 1 | 1723 | 1773 | 18 |
| 2 | 1386 | 1476 | 15 |
| 3 | 1104 | 1104 | 16 |
| 4 | 1067 | 1134 | 16 |
| 5 | 345 | 195 | 58* |
| 6 | 1213 | 1261 | 16 |
| 7 | 485 | 475 | 32 |
| 8 | 1215 | 1217 | 16 |
| 9 | 2867 | 2895 | 25 |
| 10 | 110 | 42 | 461* |
| 11 | 327 | 282 | 53 |
| 12 | 1102 | 1109 | 19 |
| 13 | 447 | 391 | 66 |
| 14 | 508 | 515 | 52 |
| 15 | 220 | 145 | 152* |
| 16 | 264 | 322 | 138* |
| -4, 4, l | | | |
| 1 | 1042 | 1101 | 19 |
| 2 | 2142 | 2193 | 24 |
| 3 | 414 | 422 | 39 |
| 4 | 3431 | 3499 | 28 |
| 5 | 2723 | 2866 | 25 |
| 6 | 997 | 983 | 17 |
| 7 | 1104 | 1115 | 16 |
| 8 | 1449 | 1454 | 15 |
| 9 | 513 | 499 | 32 |
| 10 | 1836 | 1815 | 19 |
| 11 | 240 | 228 | 112* |
| 12 | 1425 | 1417 | 16 |
| 13 | 1934 | 1935 | 20 |
| 14 | 255 | 173 | 237* |
| 15 | 678 | 688 | 34 |
| -4, 5, l | | | |
| 1 | 1904 | 1942 | 20 |
| 2 | 549 | 558 | 42 |
| 3 | 430 | 385 | 47 |
| 4 | 642 | 647 | 25 |
| 5 | 989 | 1017 | 17 |
| 6 | 1746 | 1755 | 17 |
| 7 | 506 | 516 | 31 |
| 8 | 2333 | 2352 | 24 |
| 9 | 1551 | 1551 | 17 |
| 10 | 810 | 850 | 22 |
| 11 | 1120 | 1148 | 18 |
| 12 | 1024 | 1053 | 21 |
| 13 | 659 | 672 | 31 |
| 14 | 1109 | 1095 | 21 |
| -4, 6, l | | | |
| 1 | 667 | 715 | 30 |
| 2 | 865 | 847 | 22 |
| 3 | 199 | 139 | 79* |
| 4 | 2440 | 2437 | 23 |
| 5 | 835 | 858 | 20 |
| 6 | 439 | 442 | 43 |
| 7 | 677 | 687 | 24 |
| 8 | 178 | 215 | 89* |
| 9 | 720 | 730 | 25 |
| 10 | 691 | 705 | 26 |
| 11 | 307 | 91 | 65* |
| 12 | 899 | 990 | 23 |
| -4, 7, l | | | |
| 1 | 181 | 230 | 320* |
| 2 | 1286 | 1304 | 17 |
| 3 | 281 | 313 | 85* |
| 4 | 666 | 653 | 25 |
| 5 | 253 | 203 | 75* |
| 6 | 353 | 246 | 45 |
| 7 | 479 | 368 | 34 |
| 8 | 73 | 388 | 695* |
| 9 | 697 | 745 | 30 |
| 10 | 499 | 496 | 36 |
| -4, 8, l | | | |
| 1 | 326 | 306 | 88* |
| 2 | 892 | 863 | 22 |
| 3 | 1200 | 1241 | 17 |
| 4 | 403 | 422 | 42 |
| 5 | 1484 | 1506 | 16 |
| 6 | 564 | 605 | 31 |
| -3, 0, l | | | |
| 2 | 57 | 312 | 1155* |
| 4 | 2625 | 2719 | 33 |
| 6 | 740 | 619 | 25 |
| 8 | 622 | 611 | 33 |
| 10 | 1074 | 1008 | 23 |
| 12 | 3394 | 3340 | 44 |
| 14 | 744 | 705 | 39 |
| 16 | 702 | 623 | 50 |
| -3, 1, l | | | |
| 1 | 879 | 1056 | 19 |
| 2 | 548 | 688 | 26 |
| 3 | 252 | 347 | 62* |
| 4 | 306 | 220 | 47 |
| 5 | 1977 | 2070 | 18 |
| 6 | 1265 | 1338 | 14 |
| 7 | 2846 | 2855 | 24 |
| 8 | 3340 | 3324 | 24 |
| 9 | 796 | 808 | 19 |
| 10 | 62 | 174 | 706* |
| 11 | 1225 | 1217 | 15 |
| 12 | 283 | 443 | 85* |
| 13 | 1370 | 1353 | 16 |
| 14 | 541 | 525 | 51 |
| 15 | 550 | 611 | 41 |
| 16 | 2359 | 2312 | 25 |
| 17 | 237 | 212 | 332* |
| -3, 2, l | | | |
| 1 | 2397 | 2633 | 21 |
| 2 | 167 | 232 | 101* |
| 3 | 5779 | 6102 | 21 |
| 4 | 1802 | 1918 | 19 |
| 5 | 456 | 527 | 25 |
| 6 | 569 | 592 | 21 |
| 7 | 1098 | 1153 | 13 |
| 8 | 168 | 342 | 227* |
| 9 | 2747 | 2754 | 26 |
| 10 | 62 | 130 | 708* |
| 11 | 2217 | 2210 | 22 |
| 12 | 1549 | 1584 | 15 |
| 13 | 527 | 557 | 33 |
| 14 | 396 | 336 | 46 |
| 15 | 1169 | 1180 | 20 |
| 16 | 79 | 101 | 355* |
| 17 | 1329 | 1338 | 21 |
| -3, 3, l | | | |
| 1 | 322 | 360 | 48 |
| 2 | 61 | 105 | 649* |
| 3 | 160 | 123 | 94* |
| 4 | 937 | 1010 | 14 |
| 5 | 2354 | 2463 | 20 |
| 6 | 636 | 650 | 19 |
| 7 | 4079 | 4114 | 22 |
| 8 | 314 | 331 | 41 |
| 9 | 917 | 902 | 16 |
| 10 | 861 | 892 | 18 |
| 11 | 1003 | 1025 | 16 |
| 12 | 805 | 786 | 21 |
| 13 | 1776 | 1836 | 18 |
| 14 | 73 | 67 | 748* |
| 15 | 673 | 744 | 31 |
| 16 | 357 | 370 | 89* |
| -3, 4, l | | | |
| 1 | 128 | 347 | 388* |
| 2 | 343 | 249 | 53 |
| 3 | 3170 | 3158 | 24 |
| 4 | 414 | 369 | 29 |
| 5 | 719 | 684 | 17 |
| 6 | 57 | 213 | 617* |
| 7 | 432 | 384 | 28 |
| 8 | 1117 | 1122 | 13 |
| 9 | 829 | 831 | 17 |
| 10 | 275 | 278 | 49* |
| 11 | 1032 | 1032 | 16 |
| 12 | 1333 | 1353 | 16 |
| 13 | 882 | 875 | 20 |
| 14 | 1184 | 1172 | 17 |
| 15 | 148 | 113 | 157* |
| -3, 5, l | | | |
| 1 | 2004 | 1994 | 21 |
| 2 | 757 | 720 | 20 |
| 3 | 918 | 929 | 16 |
| 4 | 342 | 333 | 36 |
| 5 | 874 | 870 | 15 |
| 6 | 213 | 99 | 85* |
| 7 | 197 | 83 | 95* |
| 8 | 2213 | 2205 | 20 |
| 9 | 195 | 80 | 66* |
| 10 | 153 | 304 | 274* |
| 11 | 1141 | 1138 | 15 |
| 12 | 209 | 248 | 119* |
| 13 | 224 | 141 | 87* |
| 14 | 190 | 102 | 284* |
| -3, 6, l | | | |
| 1 | 1639 | 1588 | 17 |
| 2 | 1289 | 1256 | 15 |
| 3 | 1870 | 1805 | 19 |
| 4 | 2531 | 2471 | 23 |
| 5 | 1179 | 1203 | 14 |
| 6 | 708 | 720 | 19 |

Columns are 10Fo 10Fc 10Sig, * for unobserved

| l | kFo | Fc | Sig |
|---|---|---|---|
| -3, 6, 1 | | | |
| 7 | 1377 | 1362 | 14 |
| 8 | 645 | 645 | 21 |
| 9 | 1233 | 1237 | 13 |
| 10 | 398 | 353 | 36 |
| 11 | 1020 | 1037 | 17 |
| 12 | 1950 | 2046 | 20 |
| 13 | 152 | 148 | 348* |
| -3, 7, 1 | | | |
| 1 | 1227 | 1199 | 17 |
| 2 | 72 | 202 | 619* |
| 3 | 583 | 601 | 24 |
| 4 | 1228 | 1200 | 15 |
| 5 | 1189 | 1160 | 14 |
| 6 | 709 | 716 | 20 |
| 7 | 2053 | 2029 | 20 |
| 8 | 2121 | 2106 | 21 |
| 9 | 874 | 908 | 18 |
| 10 | 940 | 1016 | 18 |
| 11 | 914 | 994 | 19 |
| -3, 8, 1 | | | |
| 1 | 566 | 555 | 45 |
| 2 | 462 | 467 | 33 |
| 3 | 1750 | 1757 | 19 |
| 4 | 1459 | 1446 | 15 |
| 5 | 581 | 572 | 23 |
| 6 | 613 | 640 | 23 |
| 7 | 291 | 343 | 47 |
| 8 | 944 | 992 | 19 |
| -2, 0, 1 | | | |
| 2 | 8084 | 8634 | 23 |
| 4 | 42 | 313 | 967* |
| 6 | 645 | 686 | 20 |
| 8 | 3298 | 3305 | 29 |
| 10 | 3576 | 3477 | 33 |
| 12 | 753 | 725 | 30 |
| 14 | 1147 | 1105 | 25 |
| 16 | 2060 | 1935 | 30 |
| 18 | 448 | 143 | 81* |
| -2, 1, 1 | | | |
| 1 | 714 | 759 | 21 |
| 2 | 179 | 58 | 79* |
| 3 | 765 | 843 | 12 |
| 4 | 1669 | 1842 | 15 |
| 5 | 1086 | 1142 | 12 |
| 6 | 4842 | 4838 | 17 |
| 7 | 1614 | 1608 | 17 |
| 8 | 49 | 230 | 628* |
| 9 | 556 | 584 | 20 |
| 10 | 852 | 871 | 15 |
| 11 | 772 | 767 | 18 |
| 12 | 1856 | 1855 | 19 |
| 13 | 247 | 347 | 64* |
| 14 | 1039 | 1029 | 18 |
| 15 | 1724 | 1723 | 18 |
| 16 | 588 | 644 | 37 |
| 17 | 832 | 819 | 28 |
| -2, 2, 1 | | | |
| 1 | 1034 | 1020 | 14 |
| 2 | 1925 | 1985 | 19 |
| 3 | 500 | 639 | 17 |
| 4 | 561 | 546 | 14 |
| 5 | 203 | 156 | 39* |
| 6 | 499 | 486 | 17 |
| 7 | 1190 | 1229 | 13 |
| 8 | 388 | 364 | 32 |
| 9 | 1223 | 1240 | 11 |
| 10 | 1030 | 1037 | 13 |
| 11 | 2905 | 2979 | 25 |
| 12 | 599 | 629 | 24 |
| 13 | 1174 | 1202 | 15 |
| 14 | 173 | 162 | 117* |
| 15 | 513 | 544 | 36 |
| 16 | 629 | 599 | 32 |
| 17 | 238 | 135 | 125* |
| -2, 3, 1 | | | |
| 1 | 334 | 321 | 37 |
| 2 | 729 | 698 | 14 |
| 3 | 343 | 413 | 37 |
| 4 | 1769 | 1769 | 18 |
| 5 | 735 | 722 | 12 |
| 6 | 1345 | 1398 | 13 |
| 7 | 3332 | 3323 | 19 |
| 8 | 538 | 525 | 19 |
| 9 | 88 | 209 | 371* |
| 10 | 1324 | 1332 | 13 |
| 11 | 81 | 173 | 453* |
| 12 | 790 | 825 | 18 |
| 13 | 546 | 565 | 27 |
| 14 | 236 | 404 | 203* |
| 15 | 2651 | 2756 | 24 |
| 16 | 74 | 370 | 780* |
| 17 | 590 | 620 | 36 |
| -2, 4, 1 | | | |
| 1 | 631 | 596 | 29 |
| 2 | 4148 | 3921 | 21 |
| 3 | 2139 | 2116 | 18 |
| 4 | 1273 | 1276 | 13 |
| 5 | 419 | 377 | 21 |
| 6 | 1092 | 1085 | 11 |
| 7 | 1076 | 1073 | 13 |
| 8 | 1966 | 1979 | 17 |
| 9 | 510 | 517 | 21 |
| 10 | 2135 | 2191 | 19 |
| 11 | 2585 | 2641 | 22 |
| 12 | 520 | 564 | 27 |
| 13 | 402 | 420 | 54 |
| 14 | 1218 | 1263 | 15 |
| 15 | 71 | 362 | 763* |
| 16 | 960 | 1028 | 21 |
| -2, 5, 1 | | | |
| 1 | 455 | 401 | 30 |
| 2 | 332 | 277 | 31 |
| 3 | 1343 | 1324 | 16 |
| 4 | 1461 | 1461 | 15 |
| 5 | 592 | 616 | 16 |
| 6 | 3436 | 3387 | 20 |
| 7 | 1919 | 1883 | 17 |
| 8 | 933 | 942 | 14 |
| 9 | 972 | 1032 | 13 |
| 10 | 985 | 997 | 13 |
| 11 | 1130 | 1183 | 14 |
| 12 | 1163 | 1221 | 14 |
| 13 | 168 | 118 | 257* |
| 14 | 1136 | 1217 | 16 |
| 15 | 731 | 770 | 25 |
| -2, 6, 1 | | | |
| 1 | 347 | 317 | 38 |
| 2 | 3120 | 2868 | 23 |
| 3 | 919 | 860 | 13 |
| 4 | 260 | 148 | 41 |
| 5 | 274 | 264 | 58* |
| 6 | 63 | 63 | 260* |
| 7 | 1377 | 1398 | 15 |
| 8 | 545 | 482 | 20 |
| 9 | 139 | 126 | 243* |
| 10 | 1586 | 1666 | 16 |
| 11 | 140 | 80 | 274* |
| 12 | 1099 | 1160 | 15 |
| 13 | 1159 | 1231 | 15 |
| -2, 7, 1 | | | |
| 1 | 482 | 438 | 25 |
| 2 | 467 | 447 | 23 |
| 3 | 521 | 491 | 19 |
| 4 | 906 | 870 | 12 |
| 5 | 445 | 417 | 23 |
| 6 | 997 | 1024 | 13 |
| 7 | 888 | 881 | 14 |
| 8 | 102 | 168 | 325* |
| 9 | 510 | 518 | 24 |
| 10 | 777 | 801 | 18 |
| 11 | 392 | 380 | 60 |
| -2, 8, 1 | | | |
| 1 | 1291 | 1309 | 15 |
| 2 | 284 | 223 | 37 |
| 3 | 1423 | 1437 | 15 |
| 4 | 1212 | 1220 | 15 |
| 5 | 95 | 239 | 125* |
| 6 | 865 | 907 | 15 |
| 7 | 58 | 238 | 600* |
| 8 | 825 | 853 | 16 |
| -2, 9, 1 | | | |
| 1 | 208 | 115 | 57* |
| 2 | 452 | 480 | 26 |
| 3 | 573 | 587 | 21 |
| -1, 0, 1 | | | |
| 2 | 2046 | 2135 | 19 |
| 4 | 142 | 245 | 194* |
| 6 | 370 | 417 | 26 |
| 8 | 1893 | 1941 | 21 |
| 10 | 3708 | 3733 | 29 |
| 12 | 956 | 948 | 22 |
| 14 | 465 | 527 | 50 |
| 16 | 551 | 524 | 51 |
| 18 | 2758 | 2726 | 43 |
| -1, 1, 1 | | | |
| 1 | 166 | 231 | 73* |
| 2 | 440 | 450 | 14 |
| 3 | 1932 | 1985 | 14 |
| 4 | 1682 | 1666 | 16 |
| 5 | 3469 | 3520 | 14 |
| 6 | 2054 | 2125 | 16 |
| 7 | 636 | 685 | 12 |
| 8 | 411 | 469 | 21 |
| 9 | 1062 | 1080 | 11 |
| 10 | 288 | 356 | 51* |
| 11 | 1343 | 1373 | 15 |
| 12 | 1247 | 1280 | 14 |
| 13 | 1181 | 1192 | 14 |
| 14 | 2881 | 2914 | 29 |
| 15 | 69 | 320 | 770* |
| 16 | 926 | 879 | 21 |
| 17 | 652 | 647 | 33 |
| 18 | 263 | 202 | 84* |
| -1, 2, 1 | | | |
| 1 | 8254 | 7535 | 14 |
| 2 | 1653 | 1632 | 14 |
| 3 | 1037 | 1080 | 11 |
| 4 | 111 | 136 | 149* |
| 5 | 913 | 957 | 9 |
| 6 | 584 | 609 | 12 |
| 7 | 2157 | 2228 | 18 |
| 8 | 478 | 432 | 17 |
| 9 | 3592 | 3668 | 19 |
| 10 | 1830 | 1879 | 18 |
| 11 | 462 | 439 | 25 |
| 12 | 284 | 215 | 60* |
| 13 | 1174 | 1206 | 14 |

Columns are 10Fo 10Fc 10Sig, * for unobserved

| l | kFo | Fc | Sig |
|---|---|---|---|
| -1, | 2, l | | |
| 14 | 380 | 419 | 50 |
| 15 | 1516 | 1549 | 15 |
| 16 | 71 | 262 | 745* |
| 17 | 75 | 422 | 816* |
| -1, | 3, l | | |
| 1 | 40 | 35 | 518* |
| 2 | 771 | 758 | 9 |
| 3 | 1891 | 1840 | 16 |
| 4 | 1045 | 987 | 12 |
| 5 | 5556 | 5411 | 14 |
| 6 | 564 | 532 | 13 |
| 7 | 43 | 277 | 528* |
| 8 | 646 | 667 | 14 |
| 9 | 698 | 713 | 14 |
| 10 | 1227 | 1277 | 14 |
| 11 | 1653 | 1717 | 18 |
| 12 | 302 | 242 | 49 |
| 13 | 1543 | 1622 | 16 |
| 14 | 298 | 338 | 61* |
| 15 | 877 | 893 | 20 |
| 16 | 875 | 965 | 22 |
| 17 | 259 | 398 | 73* |
| -1, | 4, l | | |
| 1 | 4648 | 3951 | 16 |
| 2 | 170 | 68 | 63* |
| 3 | 845 | 710 | 10 |
| 4 | 167 | 82 | 45* |
| 5 | 359 | 347 | 20 |
| 6 | 1554 | 1536 | 15 |
| 7 | 45 | 120 | 534* |
| 8 | 603 | 619 | 15 |
| 9 | 1920 | 1983 | 17 |
| 10 | 1373 | 1387 | 15 |
| 11 | 451 | 443 | 25 |
| 12 | 1240 | 1313 | 14 |
| 13 | 361 | 297 | 35 |
| 14 | 732 | 776 | 21 |
| 15 | 622 | 698 | 26 |
| 16 | 97 | 89 | 173* |
| -1, | 5, l | | |
| 1 | 741 | 615 | 12 |
| 2 | 360 | 310 | 20 |
| 3 | 1783 | 1704 | 17 |
| 4 | 205 | 165 | 56* |
| 5 | 572 | 495 | 14 |
| 6 | 1724 | 1643 | 15 |
| 7 | 738 | 747 | 13 |
| 8 | 444 | 450 | 21 |
| 9 | 1347 | 1346 | 15 |
| 10 | 453 | 502 | 24 |
| 11 | 368 | 470 | 38 |

| l | kFo | Fc | Sig |
|---|---|---|---|
| 12 | 275 | 379 | 69* |
| 13 | 288 | 119 | 70* |
| 14 | 1986 | 2118 | 21 |
| 15 | 665 | 727 | 25 |
| -1, | 6, l | | |
| 1 | 2074 | 1819 | 20 |
| 2 | 2511 | 2292 | 18 |
| 3 | 1732 | 1601 | 16 |
| 4 | 112 | 104 | 219* |
| 5 | 1091 | 1051 | 12 |
| 6 | 787 | 751 | 13 |
| 7 | 1731 | 1713 | 17 |
| 8 | 290 | 264 | 39 |
| 9 | 1030 | 1083 | 13 |
| 10 | 2361 | 2412 | 22 |
| 11 | 177 | 302 | 206* |
| 12 | 77 | 198 | 263* |
| 13 | 1147 | 1201 | 14 |
| -1, | 7, l | | |
| 1 | 460 | 376 | 30 |
| 2 | 1127 | 1029 | 13 |
| 3 | 1419 | 1365 | 14 |
| 4 | 1031 | 1003 | 13 |
| 5 | 2163 | 2061 | 20 |
| 6 | 1977 | 1993 | 17 |
| 7 | 1085 | 1092 | 12 |
| 8 | 613 | 636 | 18 |
| 9 | 815 | 865 | 15 |
| 10 | 1195 | 1292 | 12 |
| 11 | 699 | 761 | 19 |
| -1, | 8, l | | |
| 1 | 1919 | 1868 | 20 |
| 2 | 1323 | 1274 | 15 |
| 3 | 665 | 593 | 17 |
| 4 | 58 | 23 | 546* |
| 5 | 185 | 164 | 67* |
| 6 | 1362 | 1357 | 13 |
| 7 | 176 | 146 | 69* |
| 8 | 208 | 167 | 97* |
| 9 | 1342 | 1418 | 13 |
| -1, | 9, l | | |
| 1 | 238 | 94 | 102* |
| 2 | 552 | 488 | 25 |
| 3 | 588 | 540 | 22 |
| 4 | 478 | 419 | 26 |
| 0, | 0, l | | |
| 2 | 1121 | 1271 | 17 |
| 4 | 934 | 938 | 16 |
| 6 | 2657 | 2716 | 20 |
| 8 | 5383 | 5349 | 22 |
| 10 | 369 | 263 | 36 |
| 12 | 1012 | 980 | 18 |

| l | kFo | Fc | Sig |
|---|---|---|---|
| 14 | 1911 | 1839 | 30 |
| 16 | 712 | 639 | 33 |
| 18 | 578 | 546 | 46 |
| 0, | 1, l | | |
| 1 | 590 | 529 | 7 |
| 2 | 1210 | 1216 | 11 |
| 3 | 1133 | 1079 | 11 |
| 4 | 6461 | 6372 | 11 |
| 5 | 1093 | 1122 | 11 |
| 6 | 577 | 642 | 10 |
| 7 | 996 | 1012 | 10 |
| 8 | 792 | 813 | 11 |
| 9 | 827 | 849 | 11 |
| 10 | 1338 | 1348 | 15 |
| 11 | 873 | 881 | 13 |
| 12 | 1914 | 1945 | 19 |
| 13 | 1826 | 1847 | 19 |
| 14 | 450 | 395 | 31 |
| 15 | 1038 | 1047 | 16 |
| 16 | 486 | 460 | 48 |
| 17 | 222 | 253 | 77* |
| 18 | 950 | 987 | 21 |
| 0, | 2, l | | |
| 0 | 3489 | 3276 | 30 |
| 1 | 1027 | 877 | 10 |
| 2 | 528 | 439 | 9 |
| 3 | 253 | 119 | 24 |
| 4 | 322 | 304 | 16 |
| 5 | 1351 | 1276 | 12 |
| 6 | 478 | 444 | 14 |
| 7 | 1526 | 1490 | 14 |
| 8 | 1736 | 1721 | 14 |
| 9 | 2243 | 2300 | 20 |
| 10 | 86 | 131 | 156* |
| 11 | 1368 | 1392 | 16 |
| 12 | 332 | 342 | 34 |
| 13 | 796 | 780 | 16 |
| 14 | 405 | 385 | 40 |
| 15 | 694 | 721 | 22 |
| 16 | 256 | 374 | 77* |
| 17 | 2274 | 2396 | 24 |
| 0, | 3, l | | |
| 1 | 792 | 722 | 10 |
| 2 | 2485 | 2164 | 13 |
| 3 | 276 | 214 | 18 |
| 4 | 1698 | 1581 | 16 |
| 5 | 3010 | 2830 | 15 |
| 6 | 944 | 897 | 10 |
| 7 | 801 | 855 | 11 |
| 8 | 1322 | 1295 | 14 |
| 9 | 165 | 178 | 53* |
| 10 | 1208 | 1257 | 13 |

| l | kFo | Fc | Sig |
|---|---|---|---|
| 11 | 1244 | 1282 | 13 |
| 12 | 430 | 440 | 27 |
| 13 | 2955 | 3051 | 25 |
| 14 | 148 | 164 | 265* |
| 15 | 834 | 864 | 19 |
| 16 | 850 | 877 | 19 |
| 17 | 64 | 98 | 308* |
| 0, | 4, l | | |
| 0 | 4975 | 4893 | 35 |
| 1 | 2127 | 1968 | 19 |
| 2 | 2087 | 1909 | 16 |
| 3 | 553 | 522 | 12 |
| 4 | 1059 | 973 | 11 |
| 5 | 1215 | 1131 | 12 |
| 6 | 2283 | 2171 | 19 |
| 7 | 375 | 436 | 23 |
| 8 | 2804 | 2732 | 20 |
| 9 | 2323 | 2385 | 19 |
| 10 | 534 | 565 | 20 |
| 11 | 197 | 157 | 66* |
| 12 | 1248 | 1289 | 14 |
| 13 | 642 | 673 | 20 |
| 14 | 1018 | 1073 | 15 |
| 15 | 650 | 691 | 23 |
| 16 | 569 | 555 | 28 |
| 0, | 5, l | | |
| 1 | 1346 | 1249 | 15 |
| 2 | 1243 | 1222 | 13 |
| 3 | 1099 | 993 | 10 |
| 4 | 4408 | 3998 | 17 |
| 5 | 1883 | 1751 | 15 |
| 6 | 1313 | 1247 | 13 |
| 7 | 296 | 237 | 30 |
| 8 | 864 | 841 | 13 |
| 9 | 1676 | 1640 | 17 |
| 10 | 944 | 966 | 13 |
| 11 | 186 | 229 | 89* |
| 12 | 1704 | 1743 | 20 |
| 13 | 908 | 1002 | 17 |
| 14 | 786 | 817 | 19 |
| 15 | 770 | 865 | 21 |
| 0, | 6, l | | |
| 0 | 3653 | 3748 | 45 |
| 1 | 529 | 508 | 23 |
| 2 | 95 | 213 | 255* |
| 3 | 385 | 371 | 21 |
| 4 | 169 | 39 | 144* |
| 5 | 1481 | 1392 | 15 |
| 6 | 187 | 140 | 71* |
| 7 | 297 | 271 | 33 |
| 8 | 2354 | 2269 | 20 |
| 9 | 252 | 135 | 53* |

Columns are 10Fo 10Fc 10Sig, * for unobserved

| l | kFo | Fc | Sig |
|---|---|---|---|
| 0, 6, 1 | | | |
| 10 | 726 | 715 | 17 |
| 11 | 967 | 969 | 15 |
| 12 | 61 | 119 | 632* |
| 13 | 1149 | 1186 | 15 |
| 0, 7, 1 | | | |
| 1 | 557 | 539 | 25 |
| 2 | 1356 | 1367 | 14 |
| 3 | 414 | 396 | 22 |
| 4 | 1524 | 1394 | 17 |
| 5 | 1042 | 957 | 11 |
| 6 | 413 | 353 | 25 |
| 7 | 458 | 386 | 24 |
| 8 | 847 | 821 | 15 |
| 9 | 733 | 694 | 18 |
| 10 | 728 | 728 | 19 |
| 11 | 146 | 194 | 277* |
| 0, 8, 1 | | | |
| 0 | 383 | 220 | 70* |
| 1 | 1665 | 1635 | 18 |
| 2 | 1438 | 1436 | 15 |
| 3 | 112 | 121 | 267* |
| 4 | 709 | 669 | 16 |
| 5 | 80 | 122 | 410* |
| 6 | 1567 | 1499 | 16 |
| 7 | 733 | 725 | 18 |
| 8 | 216 | 118 | 91* |
| 9 | 1555 | 1526 | 16 |
| 0, 9, 1 | | | |
| 1 | 291 | 379 | 62* |
| 2 | 1301 | 1287 | 13 |
| 3 | 1446 | 1464 | 15 |
| 4 | 799 | 752 | 16 |
| 1, 0, 1 | | | |
| 0 | 36 | 60 | 1426* |
| 2 | 1007 | 1104 | 17 |
| 4 | 30 | 309 | 835* |
| 6 | 1435 | 1458 | 18 |
| 8 | 3256 | 3226 | 24 |
| 10 | 1854 | 1877 | 24 |
| 12 | 429 | 420 | 40 |
| 14 | 1326 | 1281 | 22 |
| 16 | 2965 | 2929 | 43 |
| 1, 1, 1 | | | |
| 0 | 90 | 80 | 453* |
| 1 | 1431 | 1462 | 12 |
| 2 | 263 | 255 | 18 |
| 3 | 4856 | 4881 | 11 |
| 4 | 2304 | 2328 | 13 |
| 5 | 1552 | 1557 | 16 |
| 6 | 1209 | 1258 | 12 |
| 7 | 1161 | 1166 | 11 |
| 8 | 287 | 217 | 35 |
| 9 | 1263 | 1263 | 15 |
| 10 | 1602 | 1571 | 17 |
| 11 | 1862 | 1882 | 18 |
| 12 | 2752 | 2731 | 23 |
| 13 | 56 | 154 | 660* |
| 14 | 1161 | 1116 | 13 |
| 15 | 745 | 739 | 20 |
| 16 | 107 | 157 | 195* |
| 17 | 597 | 628 | 29 |
| 1, 2, 1 | | | |
| 0 | 412 | 456 | 35 |
| 1 | 1834 | 1743 | 14 |
| 2 | 779 | 765 | 9 |
| 3 | 719 | 675 | 8 |
| 4 | 614 | 642 | 9 |
| 5 | 1656 | 1736 | 16 |
| 6 | 37 | 94 | 494* |
| 7 | 4959 | 5039 | 15 |
| 8 | 1580 | 1610 | 15 |
| 9 | 699 | 765 | 13 |
| 10 | 453 | 479 | 21 |
| 11 | 1093 | 1103 | 11 |
| 12 | 681 | 698 | 17 |
| 13 | 1322 | 1362 | 14 |
| 14 | 558 | 565 | 23 |
| 15 | 965 | 1009 | 16 |
| 16 | 1138 | 1150 | 15 |
| 17 | 67 | 278 | 734* |
| 1, 3, 1 | | | |
| 0 | 648 | 751 | 21 |
| 1 | 879 | 830 | 10 |
| 2 | 1268 | 1141 | 12 |
| 3 | 7795 | 7425 | 13 |
| 4 | 438 | 445 | 14 |
| 5 | 1076 | 1136 | 11 |
| 6 | 355 | 350 | 18 |
| 7 | 946 | 947 | 10 |
| 8 | 1298 | 1324 | 13 |
| 9 | 1109 | 1177 | 13 |
| 10 | 416 | 393 | 23 |
| 11 | 2648 | 2751 | 22 |
| 12 | 236 | 252 | 62* |
| 13 | 436 | 415 | 27 |
| 14 | 810 | 879 | 17 |
| 15 | 367 | 397 | 37 |
| 16 | 708 | 764 | 22 |
| 1, 4, 1 | | | |
| 0 | 299 | 240 | 46 |
| 1 | 684 | 561 | 11 |
| 2 | 287 | 262 | 22 |
| 3 | 81 | 67 | 103* |
| 4 | 1654 | 1664 | 15 |
| 5 | 737 | 697 | 10 |
| 6 | 705 | 715 | 11 |
| 7 | 2778 | 2802 | 18 |
| 8 | 1226 | 1263 | 13 |
| 9 | 133 | 367 | 202* |
| 10 | 1337 | 1376 | 15 |
| 11 | 452 | 452 | 22 |
| 12 | 1071 | 1092 | 12 |
| 13 | 179 | 197 | 187* |
| 14 | 131 | 179 | 125* |
| 15 | 680 | 690 | 21 |
| 16 | 1378 | 1458 | 15 |
| 1, 5, 1 | | | |
| 0 | 766 | 664 | 23 |
| 1 | 2446 | 2182 | 17 |
| 2 | 452 | 428 | 16 |
| 3 | 1011 | 941 | 11 |
| 4 | 1780 | 1778 | 16 |
| 5 | 969 | 956 | 9 |
| 6 | 714 | 724 | 12 |
| 7 | 1066 | 1048 | 11 |
| 8 | 538 | 556 | 16 |
| 9 | 1301 | 1355 | 13 |
| 10 | 477 | 463 | 21 |
| 11 | 511 | 550 | 21 |
| 12 | 1949 | 2045 | 19 |
| 13 | 204 | 312 | 176* |
| 14 | 1021 | 1092 | 14 |
| 15 | 956 | 1036 | 16 |
| 1, 6, 1 | | | |
| 0 | 1663 | 1570 | 17 |
| 1 | 1993 | 1840 | 20 |
| 2 | 580 | 533 | 15 |
| 3 | 429 | 424 | 18 |
| 4 | 663 | 603 | 12 |
| 5 | 2054 | 2043 | 20 |
| 6 | 615 | 597 | 14 |
| 7 | 1088 | 1168 | 12 |
| 8 | 2228 | 2318 | 22 |
| 9 | 559 | 628 | 18 |
| 10 | 267 | 402 | 50* |
| 11 | 1129 | 1205 | 12 |
| 12 | 676 | 710 | 18 |
| 13 | 805 | 885 | 17 |
| 1, 7, 1 | | | |
| 0 | 678 | 634 | 31 |
| 1 | 1405 | 1354 | 15 |
| 2 | 1642 | 1569 | 17 |
| 3 | 2378 | 2358 | 21 |
| 4 | 1943 | 1976 | 16 |
| 5 | 1386 | 1425 | 15 |
| 6 | 53 | 51 | 155* |
| 7 | 604 | 664 | 16 |
| 8 | 1287 | 1351 | 14 |
| 9 | 930 | 1006 | 12 |
| 10 | 55 | 192 | 562* |
| 11 | 1078 | 1189 | 12 |
| 1, 8, 1 | | | |
| 0 | 715 | 708 | 32 |
| 1 | 567 | 541 | 24 |
| 2 | 535 | 564 | 20 |
| 3 | 72 | 38 | 381* |
| 4 | 1298 | 1361 | 13 |
| 5 | 102 | 126 | 107* |
| 6 | 342 | 373 | 27 |
| 7 | 1418 | 1565 | 15 |
| 8 | 783 | 860 | 15 |
| 9 | 1167 | 1186 | 17 |
| 1, 9, 1 | | | |
| 0 | 549 | 533 | 66 |
| 1 | 633 | 676 | 27 |
| 2 | 217 | 188 | 52* |
| 3 | 1259 | 1346 | 13 |
| 4 | 300 | 300 | 33 |
| 2, 0, 1 | | | |
| 0 | 2084 | 2437 | 30 |
| 2 | 1093 | 1046 | 16 |
| 4 | 1122 | 1204 | 16 |
| 6 | 7458 | 7275 | 21 |
| 8 | 814 | 856 | 17 |
| 10 | 1243 | 1240 | 20 |
| 12 | 1457 | 1396 | 23 |
| 14 | 1780 | 1726 | 24 |
| 16 | 70 | 163 | 1057* |
| 2, 1, 1 | | | |
| 0 | 156 | 313 | 133* |
| 1 | 283 | 347 | 52* |
| 2 | 6541 | 6621 | 14 |
| 3 | 36 | 18 | 617* |
| 4 | 665 | 752 | 10 |
| 5 | 1046 | 1052 | 11 |
| 6 | 830 | 840 | 10 |
| 7 | 997 | 1041 | 10 |
| 8 | 690 | 744 | 13 |
| 9 | 918 | 915 | 12 |
| 10 | 3048 | 3075 | 21 |
| 11 | 1670 | 1655 | 16 |
| 12 | 451 | 459 | 27 |
| 13 | 1455 | 1458 | 17 |
| 14 | 340 | 331 | 41 |
| 15 | 376 | 319 | 41 |
| 16 | 719 | 758 | 24 |
| 17 | 366 | 288 | 65* |

Columns are 10Fo 10Fc 10Sig, * for unobserved

| l | kFo | Fc | Sig |
|---|---|---|---|
| 2, 2, l | | | |
| 0 | 56 | 82 | 790* |
| 1 | 46 | 144 | 278* |
| 2 | 419 | 429 | 18 |
| 3 | 1751 | 1751 | 18 |
| 4 | 1146 | 1106 | 12 |
| 5 | 1158 | 1198 | 12 |
| 6 | 2346 | 2307 | 17 |
| 7 | 2232 | 2272 | 18 |
| 8 | 361 | 358 | 24 |
| 9 | 1911 | 1976 | 16 |
| 10 | 80 | 153 | 379* |
| 11 | 813 | 823 | 15 |
| 12 | 203 | 161 | 56* |
| 13 | 1007 | 1001 | 14 |
| 14 | 787 | 861 | 19 |
| 15 | 2406 | 2422 | 21 |
| 16 | 105 | 305 | 211* |
| 17 | 1567 | 1565 | 16 |
| 2, 3, l | | | |
| 0 | 2039 | 2015 | 21 |
| 1 | 1196 | 1076 | 13 |
| 2 | 1612 | 1549 | 15 |
| 3 | 1356 | 1321 | 14 |
| 4 | 1166 | 1202 | 12 |
| 5 | 1215 | 1268 | 13 |
| 6 | 812 | 819 | 11 |
| 7 | 77 | 148 | 302* |
| 8 | 1564 | 1590 | 16 |
| 9 | 1004 | 1037 | 11 |
| 10 | 389 | 485 | 27 |
| 11 | 2686 | 2782 | 23 |
| 12 | 148 | 105 | 231* |
| 13 | 1487 | 1564 | 16 |
| 14 | 947 | 974 | 16 |
| 15 | 69 | 179 | 278* |
| 16 | 244 | 363 | 193* |
| 2, 4, l | | | |
| 0 | 2159 | 2079 | 23 |
| 1 | 1103 | 1096 | 14 |
| 2 | 310 | 223 | 27 |
| 3 | 828 | 786 | 11 |
| 4 | 1710 | 1722 | 15 |
| 5 | 46 | 268 | 251* |
| 6 | 3323 | 3353 | 18 |
| 7 | 2258 | 2299 | 21 |
| 8 | 1155 | 1155 | 12 |
| 9 | 596 | 617 | 16 |
| 10 | 1148 | 1180 | 13 |
| 11 | 874 | 926 | 14 |
| 12 | 1195 | 1227 | 13 |
| 13 | 788 | 834 | 17 |
| 14 | 900 | 946 | 16 |
| 15 | 1631 | 1699 | 19 |
| 2, 5, l | | | |
| 0 | 817 | 816 | 23 |
| 1 | 1842 | 1764 | 18 |
| 2 | 4311 | 4059 | 20 |
| 3 | 1231 | 1132 | 14 |
| 4 | 1397 | 1339 | 16 |
| 5 | 191 | 283 | 64* |
| 6 | 617 | 629 | 15 |
| 7 | 1617 | 1677 | 17 |
| 8 | 552 | 645 | 18 |
| 9 | 282 | 284 | 46 |
| 10 | 2203 | 2322 | 20 |
| 11 | 856 | 874 | 15 |
| 12 | 964 | 999 | 14 |
| 13 | 317 | 403 | 55* |
| 14 | 405 | 462 | 34 |
| 2, 6, l | | | |
| 0 | 496 | 450 | 54 |
| 1 | 632 | 626 | 19 |
| 2 | 268 | 223 | 64* |
| 3 | 1542 | 1478 | 16 |
| 4 | 665 | 646 | 15 |
| 5 | 627 | 624 | 16 |
| 6 | 2859 | 2828 | 21 |
| 7 | 96 | 102 | 297* |
| 8 | 960 | 963 | 12 |
| 9 | 603 | 646 | 18 |
| 10 | 263 | 86 | 54* |
| 11 | 1403 | 1457 | 15 |
| 12 | 78 | 129 | 212* |
| 13 | 198 | 230 | 88* |
| 2, 7, l | | | |
| 0 | 1600 | 1551 | 17 |
| 1 | 279 | 256 | 74* |
| 2 | 1565 | 1497 | 17 |
| 3 | 988 | 944 | 12 |
| 4 | 563 | 545 | 18 |
| 5 | 281 | 263 | 35 |
| 6 | 456 | 468 | 22 |
| 7 | 891 | 922 | 13 |
| 8 | 1227 | 1274 | 13 |
| 9 | 57 | 65 | 594* |
| 10 | 888 | 985 | 15 |
| 11 | 1156 | 1203 | 13 |
| 2, 8, l | | | |
| 0 | 1302 | 1224 | 18 |
| 1 | 219 | 194 | 60* |
| 2 | 179 | 128 | 69* |
| 3 | 263 | 250 | 41 |
| 4 | 1737 | 1771 | 18 |
| 5 | 802 | 818 | 15 |
| 6 | 313 | 221 | 35 |
| 7 | 1697 | 1749 | 18 |
| 8 | 378 | 421 | 31 |
| 2, 9, l | | | |
| 0 | 1366 | 1354 | 17 |
| 1 | 1672 | 1727 | 17 |
| 2 | 741 | 691 | 17 |
| 3, 0, l | | | |
| 0 | 336 | 468 | 70* |
| 2 | 1105 | 1159 | 18 |
| 4 | 528 | 556 | 24 |
| 6 | 1735 | 1732 | 24 |
| 8 | 1903 | 1880 | 24 |
| 10 | 617 | 652 | 30 |
| 12 | 1347 | 1327 | 19 |
| 14 | 2828 | 2710 | 42 |
| 16 | 2130 | 2004 | 31 |
| 3, 1, l | | | |
| 0 | 192 | 424 | 263* |
| 1 | 3235 | 3598 | 24 |
| 2 | 257 | 190 | 54* |
| 3 | 1575 | 1569 | 16 |
| 4 | 1466 | 1524 | 15 |
| 5 | 957 | 943 | 11 |
| 6 | 542 | 509 | 17 |
| 7 | 731 | 764 | 15 |
| 8 | 1387 | 1423 | 15 |
| 9 | 2345 | 2330 | 24 |
| 10 | 2400 | 2372 | 20 |
| 11 | 537 | 570 | 25 |
| 12 | 1916 | 1850 | 21 |
| 13 | 790 | 781 | 20 |
| 14 | 188 | 163 | 82* |
| 15 | 551 | 541 | 31 |
| 16 | 910 | 899 | 22 |
| 3, 2, l | | | |
| 0 | 588 | 608 | 25 |
| 1 | 576 | 722 | 24 |
| 2 | 133 | 81 | 240* |
| 3 | 615 | 721 | 16 |
| 4 | 542 | 577 | 22 |
| 5 | 5364 | 5388 | 17 |
| 6 | 759 | 885 | 14 |
| 7 | 841 | 868 | 13 |
| 8 | 712 | 702 | 15 |
| 9 | 1189 | 1206 | 13 |
| 10 | 687 | 677 | 18 |
| 11 | 839 | 835 | 15 |
| 12 | 373 | 414 | 35 |
| 13 | 1795 | 1850 | 19 |
| 14 | 1028 | 1044 | 17 |
| 15 | 312 | 315 | 70* |
| 16 | 475 | 445 | 37 |
| 3, 3, l | | | |
| 0 | 1247 | 1249 | 15 |
| 1 | 5542 | 5697 | 23 |
| 2 | 539 | 490 | 21 |
| 3 | 1422 | 1446 | 15 |
| 4 | 48 | 41 | 582* |
| 5 | 1066 | 1056 | 11 |
| 6 | 1364 | 1404 | 13 |
| 7 | 333 | 355 | 29 |
| 8 | 724 | 736 | 15 |
| 9 | 3482 | 3515 | 21 |
| 10 | 202 | 284 | 58* |
| 11 | 841 | 867 | 16 |
| 12 | 723 | 739 | 19 |
| 13 | 560 | 532 | 25 |
| 14 | 1004 | 1008 | 16 |
| 15 | 561 | 538 | 29 |
| 16 | 70 | 190 | 343* |
| 3, 4, l | | | |
| 0 | 643 | 577 | 27 |
| 1 | 511 | 456 | 29 |
| 2 | 1485 | 1480 | 14 |
| 3 | 1517 | 1451 | 17 |
| 4 | 760 | 779 | 15 |
| 5 | 3106 | 3074 | 21 |
| 6 | 792 | 823 | 14 |
| 7 | 251 | 242 | 41 |
| 8 | 1109 | 1133 | 12 |
| 9 | 163 | 106 | 65* |
| 10 | 1404 | 1410 | 16 |
| 11 | 464 | 503 | 27 |
| 12 | 390 | 409 | 44 |
| 13 | 1231 | 1314 | 14 |
| 14 | 1405 | 1453 | 14 |
| 15 | 649 | 651 | 26 |
| 3, 5, l | | | |
| 0 | 636 | 593 | 29 |
| 1 | 462 | 446 | 33 |
| 2 | 711 | 707 | 18 |
| 3 | 800 | 777 | 15 |
| 4 | 822 | 754 | 14 |
| 5 | 303 | 267 | 34 |
| 6 | 911 | 937 | 13 |
| 7 | 1853 | 1859 | 19 |
| 8 | 485 | 500 | 23 |
| 9 | 759 | 766 | 16 |
| 10 | 1932 | 1972 | 20 |
| 11 | 60 | 203 | 650* |
| 12 | 1440 | 1471 | 15 |
| 13 | 868 | 877 | 18 |

Columns are 10Fo 10Fc 10Sig, * for unobserved

| l | kFo | Fc | Sig |
|---|---|---|---|
| 3, | 5, | 1 | |
| 14 | 191 | 246 | 105* |
| 3, | 6, | 1 | |
| 0 | 814 | 652 | 25 |
| 1 | 172 | 240 | 125* |
| 2 | 152 | 67 | 244* |
| 3 | 2183 | 2136 | 19 |
| 4 | 1142 | 1093 | 12 |
| 5 | 1220 | 1160 | 13 |
| 6 | 1864 | 1797 | 19 |
| 7 | 768 | 808 | 16 |
| 8 | 614 | 591 | 19 |
| 9 | 814 | 805 | 16 |
| 10 | 585 | 594 | 22 |
| 11 | 1135 | 1189 | 14 |
| 12 | 276 | 297 | 65* |
| 3, | 7, | 1 | |
| 0 | 1914 | 1877 | 21 |
| 1 | 2116 | 2115 | 23 |
| 2 | 1383 | 1340 | 16 |
| 3 | 1303 | 1255 | 15 |
| 4 | 429 | 437 | 28 |
| 5 | 115 | 147 | 312* |
| 6 | 1185 | 1157 | 13 |
| 7 | 900 | 887 | 15 |
| 8 | 393 | 447 | 32 |
| 9 | 1224 | 1274 | 14 |
| 10 | 1200 | 1262 | 15 |
| 3, | 8, | 1 | |
| 0 | 753 | 738 | 29 |
| 1 | 206 | 151 | 227* |
| 2 | 780 | 784 | 20 |
| 3 | 110 | 184 | 354* |
| 4 | 868 | 871 | 17 |
| 5 | 1528 | 1547 | 14 |
| 6 | 563 | 555 | 24 |
| 7 | 1067 | 1047 | 14 |
| 4, | 0, | 1 | |
| 0 | 751 | 683 | 36 |
| 2 | 517 | 646 | 41 |
| 4 | 6198 | 6212 | 29 |
| 6 | 1108 | 1087 | 18 |
| 8 | 1559 | 1469 | 23 |
| 10 | 643 | 587 | 33 |
| 12 | 2499 | 2384 | 32 |
| 14 | 556 | 392 | 47 |
| 16 | 392 | 377 | 78* |
| 4, | 1, | 1 | |
| 0 | 5354 | 5468 | 26 |
| 1 | 329 | 159 | 70* |
| 2 | 1858 | 2006 | 20 |
| 3 | 726 | 716 | 19 |
| 4 | 1163 | 1132 | 13 |
| 5 | 1207 | 1175 | 13 |
| 6 | 405 | 339 | 30 |
| 7 | 687 | 785 | 20 |
| 8 | 3565 | 3470 | 24 |
| 9 | 1099 | 1047 | 15 |
| 10 | 436 | 482 | 44 |
| 11 | 1466 | 1427 | 15 |
| 12 | 690 | 717 | 24 |
| 13 | 450 | 455 | 52 |
| 14 | 72 | 223 | 344* |
| 15 | 526 | 461 | 37 |
| 16 | 891 | 851 | 25 |
| 4, | 2, | 1 | |
| 0 | 567 | 497 | 31 |
| 1 | 1641 | 1758 | 17 |
| 2 | 1125 | 1140 | 14 |
| 3 | 512 | 505 | 26 |
| 4 | 1781 | 1760 | 18 |
| 5 | 637 | 646 | 19 |
| 6 | 424 | 388 | 28 |
| 7 | 1783 | 1802 | 20 |
| 8 | 293 | 186 | 60* |
| 9 | 1249 | 1182 | 14 |
| 10 | 693 | 665 | 20 |
| 11 | 1166 | 1154 | 14 |
| 12 | 1138 | 1110 | 16 |
| 13 | 2095 | 2063 | 24 |
| 14 | 232 | 350 | 76* |
| 15 | 2142 | 2069 | 22 |
| 4, | 3, | 1 | |
| 0 | 1589 | 1619 | 18 |
| 1 | 895 | 917 | 19 |
| 2 | 1005 | 1055 | 16 |
| 3 | 1143 | 1207 | 14 |
| 4 | 57 | 245 | 643* |
| 5 | 562 | 607 | 22 |
| 6 | 1824 | 1807 | 18 |
| 7 | 533 | 558 | 24 |
| 8 | 507 | 536 | 35 |
| 9 | 1926 | 1924 | 21 |
| 10 | 61 | 213 | 668* |
| 11 | 1626 | 1618 | 16 |
| 12 | 798 | 786 | 20 |
| 13 | 106 | 173 | 193* |
| 14 | 596 | 600 | 29 |
| 15 | 849 | 856 | 23 |
| 4, | 4, | 1 | |
| 0 | 73 | 96 | 335* |
| 1 | 418 | 237 | 52 |
| 2 | 1398 | 1478 | 14 |
| 3 | 996 | 1022 | 15 |
| 4 | 3039 | 3081 | 25 |
| 5 | 1131 | 1118 | 14 |
| 6 | 1169 | 1151 | 13 |
| 7 | 911 | 980 | 15 |
| 8 | 925 | 904 | 15 |
| 9 | 716 | 732 | 19 |
| 10 | 978 | 996 | 15 |
| 11 | 596 | 604 | 25 |
| 12 | 1128 | 1164 | 15 |
| 13 | 1428 | 1424 | 17 |
| 14 | 341 | 401 | 50 |
| 4, | 5, | 1 | |
| 0 | 3804 | 3679 | 32 |
| 1 | 851 | 889 | 22 |
| 2 | 1702 | 1776 | 18 |
| 3 | 580 | 562 | 24 |
| 4 | 491 | 522 | 27 |
| 5 | 1041 | 1054 | 14 |
| 6 | 321 | 297 | 48 |
| 7 | 718 | 726 | 19 |
| 8 | 2430 | 2489 | 20 |
| 9 | 528 | 611 | 27 |
| 10 | 1007 | 993 | 16 |
| 11 | 65 | 142 | 691* |
| 12 | 549 | 560 | 28 |
| 13 | 1241 | 1303 | 15 |
| 4, | 6, | 1 | |
| 0 | 80 | 206 | 701* |
| 1 | 664 | 721 | 27 |
| 2 | 730 | 734 | 22 |
| 3 | 994 | 989 | 16 |
| 4 | 2409 | 2411 | 20 |
| 5 | 318 | 235 | 51 |
| 6 | 948 | 899 | 16 |
| 7 | 227 | 238 | 73* |
| 8 | 165 | 196 | 247* |
| 9 | 1568 | 1570 | 17 |
| 10 | 524 | 638 | 29 |
| 11 | 66 | 178 | 702* |
| 4, | 7, | 1 | |
| 0 | 1138 | 1123 | 20 |
| 1 | 939 | 949 | 21 |
| 2 | 227 | 107 | 69* |
| 3 | 169 | 198 | 106* |
| 4 | 63 | 112 | 274* |
| 5 | 870 | 865 | 18 |
| 6 | 1730 | 1772 | 19 |
| 7 | 66 | 90 | 641* |
| 8 | 1048 | 1106 | 16 |
| 9 | 1149 | 1152 | 15 |
| 4, | 8, | 1 | |
| 0 | 323 | 397 | 83* |
| 1 | 287 | 418 | 66* |
| 2 | 1662 | 1767 | 20 |
| 3 | 822 | 840 | 20 |
| 4 | 70 | 149 | 634* |
| 5 | 1475 | 1459 | 16 |
| 5, | 0, | 1 | |
| 0 | 1729 | 1742 | 25 |
| 2 | 462 | 344 | 54 |
| 4 | 1204 | 1222 | 23 |
| 6 | 1894 | 1902 | 28 |
| 8 | 1107 | 1017 | 23 |
| 10 | 1152 | 1092 | 24 |
| 12 | 2116 | 1969 | 31 |
| 14 | 2230 | 2047 | 33 |
| 5, | 1, | 1 | |
| 0 | 330 | 62 | 61* |
| 1 | 1821 | 1880 | 20 |
| 2 | 1049 | 1146 | 19 |
| 3 | 635 | 611 | 27 |
| 4 | 1170 | 1199 | 16 |
| 5 | 578 | 580 | 28 |
| 6 | 521 | 479 | 31 |
| 7 | 2363 | 2257 | 22 |
| 8 | 1204 | 1141 | 16 |
| 9 | 612 | 645 | 29 |
| 10 | 1973 | 1892 | 22 |
| 11 | 891 | 829 | 22 |
| 12 | 325 | 250 | 75* |
| 13 | 321 | 299 | 79* |
| 14 | 1065 | 950 | 22 |
| 15 | 570 | 616 | 54 |
| 5, | 2, | 1 | |
| 0 | 587 | 570 | 34 |
| 1 | 297 | 377 | 62* |
| 2 | 929 | 998 | 20 |
| 3 | 4532 | 4791 | 26 |
| 4 | 568 | 576 | 28 |
| 5 | 1930 | 1942 | 21 |
| 6 | 878 | 868 | 19 |
| 7 | 1292 | 1266 | 16 |
| 8 | 63 | 323 | 313* |
| 9 | 402 | 341 | 39 |
| 10 | 68 | 178 | 739* |
| 11 | 2300 | 2240 | 25 |
| 12 | 703 | 715 | 28 |
| 13 | 208 | 373 | 279* |
| 14 | 649 | 597 | 32 |
| 5, | 3, | 1 | |
| 0 | 74 | 360 | 374* |
| 1 | 2167 | 2238 | 23 |
| 2 | 337 | 126 | 60* |
| 3 | 785 | 836 | 21 |

Columns are 10Fo 10Fc 10Sig, * for unobserved

| l | kFo | Fc | Sig |
|---|---|---|---|
| 5, 3, l | | | |
| 4 | 848 | 862 | 19 |
| 5 | 245 | 242 | 75* |
| 6 | 925 | 924 | 18 |
| 7 | 3446 | 3409 | 27 |
| 8 | 89 | 260 | 218* |
| 9 | 965 | 928 | 18 |
| 10 | 379 | 470 | 54 |
| 11 | 830 | 782 | 22 |
| 12 | 1095 | 1061 | 18 |
| 13 | 103 | 135 | 528* |
| 14 | 161 | 74 | 366* |
| 5, 4, l | | | |
| 0 | 1276 | 1258 | 17 |
| 1 | 1350 | 1321 | 16 |
| 2 | 636 | 619 | 27 |
| 3 | 2430 | 2536 | 22 |
| 4 | 639 | 700 | 25 |
| 5 | 925 | 946 | 17 |
| 6 | 908 | 912 | 18 |
| 7 | 380 | 358 | 39 |
| 8 | 1443 | 1427 | 17 |
| 9 | 1140 | 1158 | 16 |
| 10 | 481 | 533 | 44 |
| 11 | 1505 | 1513 | 15 |
| 12 | 1228 | 1219 | 17 |
| 13 | 602 | 609 | 32 |
| 5, 5, l | | | |
| 0 | 686 | 713 | 29 |
| 1 | 385 | 392 | 64 |
| 2 | 590 | 612 | 28 |
| 3 | 225 | 234 | 67* |
| 4 | 1124 | 1171 | 16 |
| 5 | 2020 | 2048 | 21 |
| 6 | 186 | 148 | 114* |
| 7 | 535 | 580 | 29 |
| 8 | 1340 | 1333 | 14 |
| 9 | 180 | 165 | 258* |
| 10 | 1429 | 1375 | 15 |
| 11 | 628 | 541 | 28 |
| 5, 6, l | | | |
| 0 | 695 | 692 | 29 |
| 1 | 1636 | 1679 | 17 |
| 2 | 1335 | 1411 | 16 |
| 3 | 1296 | 1383 | 15 |
| 4 | 1505 | 1557 | 17 |
| 5 | 723 | 729 | 23 |
| 6 | 784 | 818 | 21 |
| 7 | 379 | 315 | 41 |
| 8 | 381 | 224 | 59 |
| 9 | 1463 | 1486 | 16 |
| 10 | 116 | 111 | 438* |

| l | kFo | Fc | Sig |
|---|---|---|---|
| 5, 7, l | | | |
| 0 | 1229 | 1166 | 19 |
| 1 | 1180 | 1201 | 19 |
| 2 | 537 | 558 | 33 |
| 3 | 108 | 185 | 450* |
| 4 | 410 | 394 | 56 |
| 5 | 871 | 882 | 20 |
| 6 | 924 | 927 | 19 |
| 7 | 1236 | 1275 | 16 |
| 5, 8, l | | | |
| 0 | 254 | 228 | 104* |
| 1 | 240 | 208 | 108* |
| 2 | 1134 | 1189 | 18 |
| 6, 0, l | | | |
| 0 | 77 | 291 | 1222* |
| 2 | 5032 | 5270 | 42 |
| 4 | 2056 | 2181 | 31 |
| 6 | 1399 | 1382 | 24 |
| 8 | 75 | 238 | 1147* |
| 10 | 2920 | 2682 | 36 |
| 12 | 589 | 535 | 55 |
| 14 | 701 | 714 | 52 |
| 6, 1, l | | | |
| 0 | 2302 | 2216 | 23 |
| 1 | 263 | 315 | 103* |
| 2 | 650 | 703 | 33 |
| 3 | 1267 | 1335 | 17 |
| 4 | 533 | 458 | 52 |
| 5 | 291 | 466 | 67* |
| 6 | 3169 | 3094 | 31 |
| 7 | 651 | 675 | 31 |
| 8 | 1400 | 1342 | 17 |
| 9 | 1522 | 1434 | 16 |
| 10 | 876 | 886 | 26 |
| 11 | 668 | 619 | 33 |
| 12 | 271 | 335 | 122* |
| 13 | 508 | 468 | 48 |
| 6, 2, l | | | |
| 0 | 860 | 802 | 26 |
| 1 | 417 | 279 | 70* |
| 2 | 1345 | 1391 | 17 |
| 3 | 558 | 566 | 34 |
| 4 | 724 | 753 | 26 |
| 5 | 1351 | 1389 | 15 |
| 6 | 440 | 413 | 58 |
| 7 | 1659 | 1591 | 17 |
| 8 | 979 | 961 | 21 |
| 9 | 772 | 712 | 26 |
| 10 | 1154 | 1113 | 20 |
| 11 | 1463 | 1389 | 17 |
| 12 | 300 | 387 | 223* |
| 13 | 2130 | 1996 | 22 |

| l | kFo | Fc | Sig |
|---|---|---|---|
| 6, 3, l | | | |
| 0 | 816 | 811 | 26 |
| 1 | 695 | 785 | 30 |
| 2 | 394 | 293 | 59 |
| 3 | 1183 | 1297 | 17 |
| 4 | 1350 | 1442 | 15 |
| 5 | 71 | 105 | 699* |
| 6 | 626 | 731 | 29 |
| 7 | 1402 | 1389 | 16 |
| 8 | 228 | 238 | 112* |
| 9 | 1832 | 1822 | 18 |
| 10 | 533 | 476 | 47 |
| 11 | 269 | 329 | 227* |
| 12 | 865 | 840 | 26 |
| 6, 4, l | | | |
| 0 | 1003 | 943 | 21 |
| 1 | 1605 | 1621 | 18 |
| 2 | 2646 | 2832 | 24 |
| 3 | 908 | 975 | 21 |
| 4 | 1356 | 1436 | 15 |
| 5 | 850 | 893 | 21 |
| 6 | 510 | 535 | 33 |
| 7 | 73 | 30 | 707* |
| 8 | 866 | 876 | 22 |
| 9 | 78 | 83 | 336* |
| 10 | 1302 | 1337 | 17 |
| 11 | 886 | 908 | 25 |
| 6, 5, l | | | |
| 0 | 1749 | 1717 | 17 |
| 1 | 432 | 450 | 43 |
| 2 | 77 | 109 | 704* |
| 3 | 401 | 418 | 42 |
| 4 | 102 | 194 | 225* |
| 5 | 1080 | 1169 | 18 |
| 6 | 2299 | 2319 | 25 |
| 7 | 339 | 399 | 54 |
| 8 | 1433 | 1402 | 16 |
| 9 | 75 | 182 | 738* |
| 10 | 321 | 485 | 86* |
| 6, 6, l | | | |
| 0 | 626 | 587 | 33 |
| 1 | 1173 | 1170 | 19 |
| 2 | 1963 | 2095 | 19 |
| 3 | 399 | 286 | 62 |
| 4 | 1107 | 1177 | 18 |
| 5 | 75 | 172 | 705* |
| 6 | 75 | 284 | 694* |
| 7 | 1174 | 1156 | 18 |
| 8 | 866 | 908 | 23 |
| 6, 7, l | | | |
| 0 | 83 | 147 | 729* |
| 1 | 119 | 226 | 506* |

| l | kFo | Fc | Sig |
|---|---|---|---|
| 2 | 352 | 304 | 71* |
| 3 | 749 | 848 | 26 |
| 4 | 1445 | 1612 | 16 |
| 5 | 290 | 254 | 91* |
| 7, 0, l | | | |
| 0 | 862 | 830 | 40 |
| 2 | 79 | 207 | 382* |
| 4 | 990 | 1110 | 32 |
| 6 | 1684 | 1622 | 26 |
| 8 | 621 | 560 | 52 |
| 10 | 1465 | 1340 | 28 |
| 12 | 2427 | 2215 | 38 |
| 7, 1, l | | | |
| 0 | 81 | 286 | 882* |
| 1 | 380 | 240 | 75* |
| 2 | 1719 | 1718 | 19 |
| 3 | 279 | 320 | 110* |
| 4 | 172 | 130 | 119* |
| 5 | 1894 | 1958 | 19 |
| 6 | 789 | 817 | 28 |
| 7 | 1008 | 1009 | 23 |
| 8 | 1695 | 1604 | 17 |
| 9 | 758 | 734 | 33 |
| 10 | 741 | 694 | 34 |
| 11 | 182 | 143 | 415* |
| 12 | 653 | 588 | 41 |
| 7, 2, l | | | |
| 0 | 1222 | 1159 | 21 |
| 1 | 3255 | 3272 | 25 |
| 2 | 322 | 201 | 65* |
| 3 | 1885 | 1966 | 19 |
| 4 | 528 | 532 | 38 |
| 5 | 828 | 905 | 25 |
| 6 | 140 | 176 | 200* |
| 7 | 77 | 249 | 328* |
| 8 | 81 | 244 | 825* |
| 9 | 2182 | 2140 | 23 |
| 10 | 351 | 418 | 86* |
| 11 | 955 | 939 | 27 |
| 7, 3, l | | | |
| 0 | 279 | 82 | 105* |
| 1 | 508 | 493 | 40 |
| 2 | 498 | 516 | 50 |
| 3 | 386 | 363 | 50 |
| 4 | 886 | 997 | 24 |
| 5 | 2774 | 2918 | 25 |
| 6 | 308 | 162 | 92* |
| 7 | 1474 | 1533 | 17 |
| 8 | 379 | 380 | 56 |
| 9 | 870 | 899 | 27 |
| 10 | 914 | 884 | 26 |
| 11 | 470 | 468 | 50 |

Columns are 10Fo 10Fc 10Sig, * for unobserved

| l | kFo | Fc | Sig |
|---|---|---|---|
| 7, | 4, 1 | | |
| 0 | 527 | 457 | 39 |
| 1 | 1512 | 1504 | 16 |
| 2 | 214 | 236 | 127* |
| 3 | 1018 | 1043 | 20 |
| 4 | 484 | 551 | 39 |
| 5 | 447 | 474 | 43 |
| 6 | 1377 | 1443 | 18 |
| 7 | 1167 | 1200 | 20 |
| 8 | 648 | 652 | 33 |
| 9 | 1277 | 1295 | 19 |
| 10 | 1047 | 1021 | 23 |
| 7, | 5, 1 | | |
| 0 | 316 | 285 | 65* |
| 1 | 540 | 579 | 38 |
| 2 | 1383 | 1403 | 17 |
| 3 | 1549 | 1627 | 17 |
| 4 | 345 | 43 | 76* |
| 5 | 184 | 272 | 307* |
| 6 | 1033 | 1122 | 21 |
| 7 | 375 | 360 | 53 |
| 8 | 1205 | 1213 | 19 |
| 7, | 6, 1 | | |
| 0 | 1447 | 1463 | 18 |
| 1 | 1365 | 1386 | 18 |
| 2 | 1016 | 1052 | 22 |
| 3 | 577 | 553 | 34 |
| 4 | 560 | 602 | 45 |
| 5 | 191 | 148 | 294* |
| 8, | 0, 1 | | |
| 0 | 3277 | 3160 | 38 |
| 2 | 2364 | 2356 | 35 |
| 4 | 1052 | 1053 | 34 |

| l | kFo | Fc | Sig |
|---|---|---|---|
| 6 | 86 | 307 | 1177* |
| 8 | 2277 | 2280 | 33 |
| 10 | 1141 | 1143 | 37 |
| 8, | 1, 1 | | |
| 0 | 220 | 177 | 139* |
| 1 | 1287 | 1230 | 21 |
| 2 | 354 | 230 | 64* |
| 3 | 265 | 175 | 124* |
| 4 | 2155 | 2195 | 22 |
| 5 | 174 | 199 | 166* |
| 6 | 1312 | 1381 | 21 |
| 7 | 930 | 930 | 28 |
| 8 | 854 | 896 | 32 |
| 9 | 837 | 852 | 33 |
| 10 | 510 | 537 | 70 |
| 8, | 2, 1 | | |
| 0 | 625 | 556 | 38 |
| 1 | 84 | 200 | 789* |
| 2 | 877 | 850 | 27 |
| 3 | 684 | 664 | 33 |
| 4 | 469 | 480 | 48 |
| 5 | 1748 | 1791 | 18 |
| 6 | 885 | 873 | 28 |
| 7 | 559 | 492 | 43 |
| 8 | 812 | 802 | 32 |
| 9 | 1014 | 994 | 28 |
| 8, | 3, 1 | | |
| 0 | 472 | 378 | 47 |
| 1 | 1683 | 1673 | 19 |
| 2 | 1067 | 1029 | 22 |
| 3 | 537 | 548 | 41 |
| 4 | 798 | 808 | 28 |

| l | kFo | Fc | Sig |
|---|---|---|---|
| 5 | 671 | 703 | 33 |
| 6 | 207 | 173 | 326* |
| 7 | 1135 | 1167 | 22 |
| 8 | 230 | 187 | 309* |
| 8, | 4, 1 | | |
| 0 | 2165 | 2126 | 23 |
| 1 | 801 | 735 | 29 |
| 2 | 1223 | 1294 | 20 |
| 3 | 440 | 476 | 49 |
| 4 | 220 | 186 | 273* |
| 5 | 513 | 578 | 42 |
| 6 | 570 | 578 | 47 |
| 7 | 223 | 400 | 298* |
| 8, | 5, 1 | | |
| 0 | 248 | 250 | 254* |
| 1 | 419 | 343 | 50 |
| 2 | 368 | 135 | 78* |
| 3 | 1177 | 1298 | 21 |
| 4 | 1643 | 1804 | 18 |
| 5 | 276 | 304 | 96* |
| 9, | 0, 1 | | |
| 0 | 666 | 606 | 56 |
| 2 | 467 | 422 | 76 |
| 4 | 1925 | 1908 | 24 |
| 6 | 129 | 141 | 841* |
| 9, | 1, 1 | | |
| 0 | 1848 | 1765 | 18 |
| 1 | 436 | 309 | 58 |
| 2 | 471 | 323 | 53 |
| 3 | 1400 | 1365 | 21 |
| 4 | 489 | 449 | 52 |
| 5 | 1000 | 1035 | 28 |

| l | kFo | Fc | Sig |
|---|---|---|---|
| 6 | 999 | 980 | 28 |
| 7 | 417 | 545 | 67 |
| 9, | 2, 1 | | |
| 0 | 637 | 424 | 40 |
| 1 | 2186 | 2088 | 21 |
| 2 | 360 | 162 | 102* |
| 3 | 511 | 425 | 48 |
| 4 | 586 | 622 | 44 |
| 5 | 294 | 186 | 85* |
| 6 | 454 | 451 | 86* |
| 9, | 3, 1 | | |
| 0 | 145 | 174 | 485* |
| 1 | 368 | 114 | 63* |
| 2 | 868 | 818 | 29 |
| 3 | 1842 | 1883 | 20 |
| 4 | 85 | 46 | 852* |
| 5 | 1533 | 1637 | 19 |
| 9, | 4, 1 | | |
| 0 | 394 | 262 | 74* |
| 1 | 1154 | 1164 | 22 |
| 2 | 269 | 343 | 254* |
| 3 | 334 | 287 | 85* |
| 10, | 0, 1 | | |
| 0 | 2202 | 2113 | 31 |
| 2 | 89 | 230 | 1259* |
| 10, | 1, 1 | | |
| 0 | 229 | 101 | 349* |
| 1 | 488 | 117 | 54 |
| 2 | 1557 | 1498 | 20 |
| 10, | 2, 1 | | |
| 0 | 742 | 713 | 37 |
| 1 | 95 | 254 | 1344* |