|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| FG | MG | FS | MS | FD | MD | FT | MT | FJ | MJ | FI | MI |
| 108.76991 | 114.87025 | 125.27224 | 105.77536 | 99.928757 | 103.3596 | 120.31261 | 115.74661 | 112.29625 | 103.93106 | 107.46017 | 111.11479 |
| 120.16932 | 114.46507 | 111.06649 | 124.72728 | 102.64662 | 100.48577 | 110.35408 | 106.99608 | 101.17564 | 105.78415 | 106.69611 | 109.82217 |
| 117.12004 | 114.2245 | 109.00724 | 117.31642 | 102.23098 | 100.27428 | 106.80273 | 119.98767 | 108.72204 | 114.64991 | 106.68986 | 105.23772 |
| 121.91601 | 116.90086 | 111.97468 | 117.75484 | 107.00892 | 103.94179 | 116.3946 | 123.16076 | 109.66424 | 101.92302 | 113.57073 | 105.78629 |
| 126.61166 | 112.84056 | 114.98439 | 117.12788 | 101.76711 | 103.91753 | 108.85751 | 124.88308 | 106.4386 | 106.2859 | 105.84192 | 109.46325 |
| 121.73895 | 116.51598 | 115.5077 | 120.10023 | 108.37706 | 101.18675 | 114.14824 | 108.71947 | 96.241811 | 104.93294 | 108.16719 | 113.28658 |
| 123.76241 | 115.75066 | 115.6353 | 120.23217 | 107.90637 | 99.919326 | 123.14802 | 112.6221 | 105.48233 | 101.44444 | 109.9267 | 113.9208 |
| 116.98874 | 118.55174 | 112.77999 | 107.51194 | 106.84513 | 100.66655 | 113.51835 | 112.10861 | 104.73741 | 108.19487 | 109.60358 | 103.8659 |
| 112.36401 | 110.45393 | 120.39679 | 114.49983 | 102.58106 | 98.106121 | 120.49002 | 109.51153 | 107.45783 | 109.4571 | 112.0193 | 106.84016 |
| 113.67003 | 100.77125 |  | 107.58616 | 104.82055 | 99.815712 | 124.7925 | 112.48196 | 107.8356 | 105.67719 | 115.51247 |  |
| 117.85833 | 115.22019 |  | 122.8103 |  |  | 116.87762 | 118.62451 | 105.27485 | 116.92802 | 105.05021 |  |
| 115.21272 |  |  |  |  |  |  | 117.34526 | 103.99294 | 105.47726 |  |  |
| 119.45549 |  |  |  |  |  |  | 114.65936 | 106.51931 |  |  |  |
| 121.43328 |  |  |  |  |  |  | 120.72299 | 110.49424 |  |  |  |
| 118.03401 |  |  |  |  |  |  | 123.437 | 112.91035 |  |  |  |
| 109.909 |  |  |  |  |  |  | 118.61598 | 103.08055 |  |  |  |
| 122.67992 |  |  |  |  |  |  |  | 101.66233 |  |  |  |
| 114.47024 |  |  |  |  |  |  |  | 110.06597 |  |  |  |
| 123.60672 |  |  |  |  |  |  |  | 114.65781 |  |  |  |
| 124.86656 |  |  |  |  |  |  |  | 104.28671 |  |  |  |
| 124.2484 |  |  |  |  |  |  |  | 105.95588 |  |  |  |
| 119.79105 |  |  |  |  |  |  |  | 105.39448 |  |  |  |
| 119.53433 |  |  |  |  |  |  |  | 106.2289 |  |  |  |
| 116.91651 |  |  |  |  |  |  |  | 107.22669 |  |  |  |
| 115.75395 |  |  |  |  |  |  |  | 108.94458 |  |  |  |
| 116.47618 |  |  |  |  |  |  |  | 103.8378 |  |  |  |
| 119.68638 |  |  |  |  |  |  |  | 108.11358 |  |  |  |
|  |  |  |  |  |  |  |  | 108.04176 |  |  |  |
|  |  |  |  |  |  |  |  | 103.83349 |  |  |  |
|  |  |  |  |  |  |  |  | 108.7928 |  |  |  |
|  |  |  |  |  |  |  |  | 108.54407 |  |  |  |
|  |  |  |  |  |  |  |  | 106.75178 |  |  |  |
|  |  |  |  |  |  |  |  | 101.39855 |  |  |  |
|  |  |  |  |  |  |  |  | 100.49278 |  |  |  |
|  |  |  |  |  |  |  |  | 102.24652 |  |  |  |
|  |  |  |  |  |  |  |  | 97.352512 |  |  |  |
|  |  |  |  |  |  |  |  | 96.313937 |  |  |  |
|  |  |  |  |  |  |  |  | 101.93747 |  |  |  |
|  |  |  |  |  |  |  |  | 100.608 |  |  |  |
|  |  |  |  |  |  |  |  | 98.812598 |  |  |  |
|  |  |  |  |  |  |  |  | 103.47817 |  |  |  |
|  |  |  |  |  |  |  |  | 97.885874 |  |  |  |
|  |  |  |  |  |  |  |  | 102.00898 |  |  |  |

1. Centroid size of SD dataset employed for Figure 3A.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| FG | MG | FS | MS | FD | MD | FT | MT | FJ | MJ | FI | MI |
| 356.8745954 | 280.9881 | 366.6138 | 269.4007 | 274.249 | 242.4711 | 332.0665 | 274.8881 | 301.1333 | 258.8051 | 245.9829 | 263.338 |
| 342.6497685 | 272.7378 | 323.6298 | 279.3441 | 287.3822 | 239.143 | 310.3606 | 256.649 | 298.5878 | 236.7857 | 256.5474 | 269.409 |
| 340.1096258 | 245.9409 | 284.0709 | 275.2257 | 265.8038 | 228.5271 | 322.1387 | 325.0242 | 306.377 | 272.8496 | 318.6617 | 269.4056 |
| 307.7898425 | 294.7565 | 335.5967 | 292.9615 | 306.4635 | 231.3999 | 323.4318 | 327.9166 | 299.7699 | 257.1598 | 256.4272 | 246.8117 |
| 354.7135012 | 255.3522 | 313.9258 | 285.7329 | 265.7012 | 248.6555 | 344.315 | 307.2384 | 315.1896 | 240.9267 | 273.0491 | 234.3829 |
| 356.5088988 | 272.0506 | 288.3506 | 311.924 | 289.9071 | 238.4336 | 312.3935 | 293.3978 | 326.1904 | 258.5545 | 250.6378 | 250.8118 |
| 324.700277 | 282.38 | 309.0928 | 296.9634 | 269.3781 | 230.3688 | 282.0766 | 270.8864 | 293.6685 | 256.1649 | 270.994 | 256.459 |
| 322.0160789 | 236.8918 | 295.3206 | 262.4522 | 245.4395 | 236.1819 | 282.0277 | 289.591 | 305.2901 | 251.771 | 281.925 | 250.7952 |
| 346.4142551 | 247.3062 | 335.1237 | 273.5983 | 289.508 | 225.6354 | 319.0651 | 297.3785 | 306.6508 | 267.8803 | 322.3668 | 246.9189 |
| 357.4848639 | 263.9873 |  | 263.1327 | 278.4884 | 248.0956 | 316.7042 | 293.5166 | 301.0698 | 245.0799 | 246.1261 | 234.9155 |
| 327.3516367 | 255.2352 |  | 287.0772 | 272.9383 |  | 311.3632 | 295.0282 | 299.425 | 262.201 | 321.2757 |  |
| 303.7817521 | 281.593 |  |  | 278.6653 |  | 308.346 | 280.9207 | 314.8021 | 232.7887 | 335.4706 |  |
| 256.4097625 | 263.7016 |  |  | 273.0752 |  | 329.7265 | 280.9158 | 287.0276 | 279.843 | 287.2329 |  |
| 305.9778276 | 280.0947 |  |  | 279.2853 |  | 259.6424 | 314.8537 | 273.3256 | 265.0132 | 278.9367 |  |
| 329.4413052 | 276.7632 |  |  | 278.0155 |  | 290.6507 | 316.7031 | 310.2387 | 253.9689 | 263.4938 |  |
| 346.3936107 | 280.0941 |  |  | 290.4632 |  | 287.4755 |  | 295.7656 | 230.8973 | 313.766 |  |
| 321.6068213 | 275.4522 |  |  | 304.8227 |  |  |  | 307.0823 | 261.3886 | 314.5791 |  |
| 349.8460422 | 254.2387 |  |  | 303.2557 |  |  |  | 307.6389 | 266.9299 | 270.0345 |  |
|  | 263.1008 |  |  | 276.9666 |  |  |  | 319.9096 | 248.6244 | 284.6693 |  |
|  |  |  |  | 294.475 |  |  |  | 289.61 |  |  |  |
|  |  |  |  | 280.3687 |  |  |  |  |  |  |  |

1. Centroid size of PP dataset employed for Figure 3B.