**Watershed environment and sampling station characteristics**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sample | Latitude | Long. | River | Mud bank | Sand bed | Van Veen grab? | Elevation (m.a.s.l) | Temp. (°C) | Mean rain (mm yr-1) | Avg. slope (°) | Distance from PR (km) |
| A1 | -22.0843 | -57.9877 | Paraguay | / | / | / | 74 | 24.5 | 1178 | 2.51 | 0 |
| A2 | -21.7705 | -57.9095 | Paraguay | / | / | / | 71 | 24.7 | 1178 | 2.51 | 0 |
| A3 | -21.4907 | -57.9382 | Paraguay | / | / | / | 72 | 25 | 1201 | 2.58 | 0 |
| A4 | -19.0002 | -57.5954 | Paraguay | / | / | / | 83 | 26.1 | 1429 | 3.07 | 0 |
| A5 | -18.8531 | -57.6172 | Paraguay | / | / | / | 87 | 26.2 | 1441 | 3.1 | 0 |
| A6 | -18.6412 | -57.5345 | Paraguay | / | / | / | 87 | 26.1 | 1441 | 3.1 | 0 |
| A7 | -18.3156 | -57.3763 | Taquari | / | / | / | 91 | 26.1 | 1444 | 3.1 | 0 |
| A8 | -18.3906 | -57.3795 | Paraguay | / | / | / | 89 | 26.1 | 1444 | 3.1 | 0 |
| A9 | -17.73 | -57.6632 | Paraguay | / | / | / | 98 | 26.2 | 1432 | 2.97 | 0 |
| A10 | -17.8111 | -57.2407 | Cuiabá | / | / | / | 98 | 26.1 | 1477 | 3.25 | 35 |
| A11 | -17.1442 | -57.3599 | Paraguay | / | / | / | 106 | 25.9 | 1477 | 3.07 | 0 |
| A12 | -16.9747 | -57.3874 | Paraguay | / | / | / | 100 | 25.9 | 1486 | 3.2 | 0 |
| A13 | -16.8123 | -57.6534 | Paraguay | / | / | / | 106 | 26 | 1533 | 3.45 | 0 |
| A14 | -16.8195 | -57.6273 | Paraguay | / | / | / | 102 | 26 | 1533 | 3.45 | 0 |
| A15 | -16.8152 | -57.6268 | Paraguay | / | / | / | 105 | 26 | 1533 | 3.45 | 0 |
| A16 | -16.5599 | -57.835 | Paraguay | / | / | / | 112 | 26 | 1534 | 3.46 | 0 |
| A17 | -16.4718 | -57.8001 | Paraguay | / | / | / | 111 | 26 | 1535 | 3.45 | 0 |
| A18 | -16.3141 | -57.7734 | Paraguay | / | / | / | 115 | 25.8 | 1535 | 3.52 | 0 |
| A19 | -16.2225 | -57.7591 | Paraguay | / | / | / | 114 | 25.7 | 1545 | 3.6 | 0 |
| A20 | -16.0746 | -57.7025 | Paraguay | / | / | / | 118 | 25.5 | 1549 | 3.59 | 0 |
| A21 | -16.0225 | -57.7008 | Paraguay | / | / | / | 118 | 25.4 | 1550 | 3.46 | 0 |
| A22 | -16.0615 | -57.7056 | Paraguay | R | R | No | 116 | 25.5 | 1552 | 3.5 | 0 |
| A23 | -18.4027 | -57.3517 | Paraguai Mirim | / | / | / | 93 | 4 | 1496 | 4.22 | 4 |
| A24 | -18.4932 | -57.3359 | Paraguai Mirim | / | / | / | 92 | 26 | 1496 | 4.23 | 9 |
| A25 | -18.7093 | -56.9459 | Taquari | / | / | / | 100 | 25.7 | 1505 | 4.34 | 104 |
| A26 | -18.2534 | -56.0671 | Taquari | / | / | / | 139 | 25.2 | 1510 | 4.39 | 173 |
| A27 | -18.257 | -55.9575 | Taquari | / | / | / | 140 | 25.2 | 1510 | 4.39 | 198 |
| A28 | -18.2646 | -55.9618 | Taquari | / | / | / | 136 | 25.2 | 1510 | 4.39 | 254 |
| A29 | -18.2625 | -55.9539 | Taquari | / | / | / | 139 | 25.2 | 1510 | 4.39 | 255 |
| A30 | -18.2185 | -55.1583 | Taquari | / | / | / | 175 | 25 | 1513 | 4.47 | 377 |
| A31 | -15.9962 | -57.7013 | Paraguay | / | / | / | 119 | 25.4 | 1551 | 3.46 | 0 |
| A32 | -15.933 | -57.6616 | Paraguay | / | / | / | 128 | 25.3 | 1553 | 3.45 | 0 |
| A33 | -15.9247 | -57.6494 | Paraguay | / | / | / | 124 | 25.3 | 1485 | 3.69 | 0 |
| A34 | -22.0869 | -57.9657 | Apa | / | / | / | 71 | 24.5 | 1178 | 3.66 | 3 |
| A35 | -20.9269 | -57.8414 | Nabileque | / | / | / | 78 | 25.3 | 1165 | 2.43 | 6 |
| A36 | -20.9702 | -57.8177 | Aquidabã | / | / | / | 78 | 25.2 | 1203 | 4.13 | 1 |
| A37 | -20.9981 | -57.8177 | Branco | / | / | / | 80 | 25.2 | 1229 | 4.33 | 1 |
| A38 | -20.6459 | -57.6328 | Nabileque | / | / | / | 79 | 25.4 | 1153 | 2.09 | 73 |
| A39 | -21.5833 | -57.9077 | Tarumã | / | / | / | 78 | 24.9 | 1163 | 1.45 | 1 |
| Avg. |  |  |  |  |  |  | 103 | 25 | 1430 | 3 | 38 |
| St. Dev |  |  |  |  |  |  | 23 | 3 | 142 | 1 | 89 |
| B1 | -16.1435 | -58.0157 | Jauru | L | C | No | 125 | 26 | 1557 | 3.41 | 59 |
| B2 | -15.4731 | -58.0129 | Bugres | L | C | Yes | 158 | 25.4 | 1513 | 3.93 | 141 |
| B3 | -15.7355 | -58.539 | Jauru | L | L | No | 159 | 26.1 | 1624 | 3.8 | 194 |
| B4 | -15.4687 | -57.8937 | Cabaçal | R | R | No | 145 | 25.4 | 1566 | 4.75 | 112 |
| B5 | -15.8615 | -58.5339 | Aguapeí | L | L | No | 159 | 26.3 | 1527 | 3.93 | 185 |
| B6 | -15.8097 | -58.3999 | Córrego Pitas | R | R | No | 147 | 26.1 | 1512 | 2.66 | 172 |
| B7 | -15.3103 | -57.8521 | Vermelho, C | L | L | No | 153 | 25.4 | 1182 | 4.18 | 143 |
| B8 | -15.3491 | -58.0207 | Branco | R | C | No | 155 | 25.4 | 1589 | 5.72 | 144 |
| B9 | -14.5951 | -57.8949 | Formoso, MT | L | L | No | 264 | 24.9 | 1750 | 3.71 | 220 |
| Avg. |  |  |  |  |  |  | 163 | 26 | 1536 | 4 | 152 |
| St. Dev |  |  |  |  |  |  | 39 | 0 | 152 | 1 | 48 |
| C1 | -22.2229 | -57.303 | Apa | / | / | / | 114 | 24.1 | 1384 | 3.4 | 127 |
| C2 | -20.6281 | -57.5758 | Naitaca | / | / | / | 81 | 25.4 | 1183 | 2.82 | 81 |
| C3 | -21.9418 | -57.2543 | Perdido | L | L | No | 153 | 24.1 | 1307 | 5.13 | 163 |
| C4 | -20.8398 | -57.2639 | Aquidabã | / | / | / | 120 | 24.9 | 1239 | 4.67 | 115 |
| C5 | -21.2335 | -57.4236 | Branco, MS | / | / | / | 126 | 24.8 | 1260 | 5.3 | 109 |
| C6 | -21.6523 | -57.8246 | Amonguijá | / | / | / | 84 | 24.9 | 1232 | 3.97 | 15 |
| C7 | -21.8504 | -57.8246 | Córrego Progresso | / | / | / | 76 | 24.7 | 1220 | 2.5 | 29 |
| C8 | -21.6575 | -57.4987 | Amonguijá | L | C | No | 124 | 24.6 | 1253 | 5.28 | 77 |
| Avg. |  |  |  |  |  |  | 110 | 25 | 1260 | 4 | 90 |
| St. Dev |  |  |  |  |  |  | 27 | 0 | 61 | 1 | 50 |
| D1 | -20.4784 | -55.8027 | Aquidauana | L | L | No | 143 | 24.3 | 1428 | 3.81 | 484 |
| D2 | -18.5256 | -54.7505 | Taquari | L | C | No | 201 | 24.8 | 1513 | 4.55 | 466 |
| D3 | -20.2086 | -56.4943 | Miranda | R | R | No | 115 | 24.7 | 1363 | 4.03 | 294 |
| D4 | -18.5348 | -54.7402 | Coxim | L | L | No | 207 | 24.8 | 1493 | 4.42 | 468 |
| D5 | -16.4796 | -54.6475 | Vermelho, SL | R | R | No | 200 | 24.4 | 1609 | 6.01 | 608 |
| D6 | -18.5013 | -54.6855 | Taquari | R | R | No | 207 | 24.8 | 1544 | 4.82 | 475 |
| D7 | -16.3114 | -54.9237 | São Lourenço | R | R | No | 199 | 24.4 | 1595 | 5.16 | 592 |
| D8 | -16.4703 | -54.4902 | Vermelho, SL | / | C | No | 217 | 24.2 | 1641 | 6.4 | 630 |
| D9 | -21.2879 | -56.225 | Miranda | R | R | No | 206 | 23.9 | 1403 | 3.5 | 136 |
| D10 | -17.2516 | -54.7613 | Itiquira | L | L | No | 441 | 23.6 | 1606 | 4.12 | 611 |
| D11 | -15.9977 | -54.9218 | São Lourenço | R | R | No | 240 | 24.2 | 1617 | 6.13 | 642 |
| D12 | -22.1143 | -56.5195 | Apa | R | R | No | 181 | 23.7 | 1433 | 4.16 | 298 |
| D13 | -19.3159 | -55.1768 | Negro | / | / | / | 159 | 25 | 1438 | 4.78 | 418 |
| D14 | -21.4484 | -56.1475 | Miranda | L | L | No | 223 | 23.7 | 1426 | 3.87 | 168 |
| D15 | -16.5529 | -54.4207 | Tadarimana | L | C | No | 230 | 24.3 | 1601 | 6.41 | 643 |
| D16 | -20.0715 | -55.6466 | Taboco | / | / | / | 150 | 24.6 | 1419 | 5.11 | 331 |
| D17 | -17.9144 | -54.6892 | Piquiri | R | R | No | 199 | 24.7 | 1517 | 3.75 | 664 |
| D18 | -21.1472 | -55.8336 | Nioaque | L | L | No | 192 | 24 | 1416 | 4.34 | 585 |
| D19 | -21.1596 | -55.8368 | Canindé | / | / | / | 189 | 24 | 1416 | 4.21 | 587 |
| D20 | -15.8382 | -54.3822 | Poxoreó | / | C | Yes | 336 | 23.5 | 1693 | 4.9 | 757 |
| D21 | -15.8334 | -54.4029 | Córrego Areia | R | C | No | 344 | 23.5 | 1665 | 4.67 | 761 |
| Avg. |  |  |  |  |  |  | 218 | 24 | 1516 | 5 | 506 |
| St. Dev |  |  |  |  |  |  | 74 | 0 | 101 | 1 | 177 |
| E1 | -20.5013 | -56.7901 | Salobra | R | R | No | 139 | 24.6 | 1286 | 9.67 | 393 |
| E2 | -21.1735 | -56.4461 | Formoso, MS | R | R | No | 277 | 23.6 | 1340 | 4.91 | 650 |
| E3 | -20.6942 | -56.4864 | Rio do Peixe | L | L | No | 168 | 24.2 | 1326 | 5.94 | 423 |
| E4 | -21.2878 | -56.2955 | Córrego Mutum | L | C | No | 221 | 23.7 | 1367 | 2.21 | 134 |
| E5 | -20.7138 | -56.5208 | Chapena | R | R | No | 175 | 24.2 | 1319 | 5.47 | 434 |
| E6 | -20.0509 | -56.7818 | Terere | R | C | No | 118 | 25 | 1240 | 5.19 | 222 |
| E7 | -20.718 | -56.5806 | Taquarussu | R | C | No | 207 | 24.1 | 1317 | 6.79 | 440 |
| Avg. |  |  |  |  |  |  | 186 | 24 | 1314 | 6 | 385 |
| St. Dev |  |  |  |  |  |  | 54 | 0 | 41 | 2 | 167 |
| F1 | -15.8741 | -56.0741 | Cuiabá | L | L | No | 143 | 25.1 | 1480 | 4.41 | 540 |
| F2 | -15.2021 | -56.3781 | Cuiabá | L | L | No | 174 | 24 | 1516 | 4.52 | 652 |
| F3 | -14.9291 | -56.4349 | Cuiabá | R | C | No | 186 | 24.2 | 1558 | 4.62 | 711 |
| F4 | -14.8475 | -56.4236 | Cuiabá | L | L | No | 194 | 24.4 | 1562 | 4.65 | 730 |
| F5 | -14.608 | -57.7349 | Sepotuba | R | R | No | 225 | 24.9 | 1745 | 2.91 | 220 |
| F6 | -16.3204 | -56.5434 | Bento Gomes | R | R | No | 124 | 25.4 | 1339 | 2.13 | 215 |
| F7 | -14.4896 | -56.8066 | Santana | L | L | No | 206 | 25 | 1724 | 3.01 | 28 |
| F8 | -16.0644 | -57.8404 | Padre Inácio | C | C | Yes | 119 | 25.8 | 1414 | 1.93 | 37 |
| F9 | -15.1261 | -57.1075 | Jauquara | L | L | No | 162 | 24.8 | 1370 | 6.9 | 6 |
| F10 | -15.0765 | -57.1845 | Paraguay | R | C | No | 153 | 25 | 1531 | 3.97 | 0 |
| F11 | -15.0036 | -56.8883 | Parí | R | C | Yes | 174 | 24.7 | 1434 | 5.99 | 23 |
| F12 | -16.0585 | -57.5772 | Piraputanga | L | C | No | 164 | 25.2 | 1336 | 11.5 | 18 |
| F13 | -16.3894 | -58.3364 | Corixo Grande | C | C | No | 120 | 26.8 | 1396 | 6.03 | 240 |
| Avg. |  |  |  |  |  |  | 165 | 25 | 1493 | 5 | 263 |
| St. Dev |  |  |  |  |  |  | 33 | 1 | 132 | 3 | 290 |

**Table S1:** Sampling locations and relevant environmental data. *Vermelho, C* is a tributary of the Cabaçal River, and *Vermelho, SL* is a tributary of the São Lourenço River. A, Lowlands. B, Amazon craton. C, Rio Apa craton. D, Plateau. E, southern Paraguay Belt. F, northern Paraguay Belt. PR = Paraguay River. Other abbreviations: R = right bank, L = left bank, C = central axis of river channel, / = no data. Mean annual precipitation and temperature were derived from WorldClim data (Fick & Hijmans, 2017), and average slope was calculated from the SRTM digital elevation models (https://earthexplorer.usgs.gov).

**Pour point analyses**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Site | Area (km2) | Source | M.I. | Surface | S.C. | Biochem | Volcanic | Plutonic | Foliated | NFoliated | Other |
| A1 | 446863 | Lowland | 10 | 47.8 | 28 | 4.2 | 4.6 | 2 | 8.2 | 3 | 2.2 |
| A2 | 445637 | Lowland | 7 | 47.2 | 28.4 | 4.5 | 4.6 | 2 | 8.4 | 3.1 | 1.8 |
| A3 | 441437 | Lowland | 30 | 47.2 | 28.7 | 4.3 | 4.6 | 1.9 | 8.3 | 3.1 | 1.9 |
| A4 | 250750 | Lowland | 491 | 46 | 24 | 6 | 3 | 2 | 11 | 4 | 4 |
| A5 | 244190 | Lowland | 122 | 44 | 26 | 5 | 4 | 2 | 12 | 4 | 3 |
| A6 | 243910 | Lowland | 492 | 44 | 26 | 5 | 3 | 2 | 12 | 4 | 4 |
| A7 | 241900 | Lowland | 12 | 44 | 26 | 5 | 4 | 2 | 12 | 4 | 3 |
| A8 | 241570 | Lowland | 98 | 44 | 26 | 5 | 3 | 2 | 12 | 4 | 4 |
| A9 | 123800 | Lowland | 44 | 45 | 16 | 8 | 3 | 6 | 15 | 3 | 4 |
| A10 | 106835 | Lowland | 7 | 38 | 44 | 1 | 2 | 0 | 7 | 7 | 1 |
| A11 | 63320 | Lowland | 123 | 41 | 26 | 6 | 8 | 8 | 8 | 2 | 1 |
| A12 | 60440 | Lowland | 123 | 38 | 27 | 6 | 9 | 8 | 8 | 2 | 2 |
| A13 | 47640 | Lowland | 54 | 33 | 34 | 6 | 11 | 10 | 3 | 1 | 2 |
| A14 | 47640 | Lowland | 30 | 33 | 34 | 6 | 11 | 10 | 3 | 1 | 2 |
| A15 | 47640 | Lowland | 44 | 33 | 34 | 6 | 11 | 10 | 3 | 1 | 2 |
| A16 | 47489 | Lowland | 30 | 33 | 34 | 6 | 11 | 9 | 3 | 1 | 3 |
| A17 | 47170 | Lowland | 22 | 34 | 34 | 6 | 11 | 10 | 3 | 1 | 1 |
| A18 | 35410 | Lowland | 48 | 40 | 38 | 5 | 7 | 5 | 3 | 1 | 1 |
| A19 | 33250 | Lowland | 43 | 38 | 40 | 4 | 8 | 5 | 4 | 1 | 0 |
| A20 | 32620 | Lowland | 20 | 37 | 41 | 4 | 8 | 5 | 4 | 1 | 0 |
| A21 | 32550 | Lowland | 26 | 37 | 41 | 4 | 8 | 5 | 4 | 1 | 0 |
| A22 | 32188 | Lowland | 60 | 38 | 40 | 3 | 8 | 5 | 4 | 1 | 1 |
| A23 | 30898 | Lowland | 26 | 12 | 83 | 2 | 2 | 0 | 0 | 0 | 1 |
| A24 | 30570 | Lowland | 37 | 12 | 85 | 0 | 2 | 0 | 0 | 0 | 1 |
| A25 | 29620 | Lowland | 7 | 10 | 88 | 0 | 2 | 0 | 0 | 0 | 0 |
| A26 | 29179 | Lowland | 4 | 8 | 88 | 0 | 2 | 0 | 0 | 0 | 2 |
| A27 | 29158 | Lowland | 4 | 8 | 88 | 0 | 2 | 0 | 0 | 0 | 2 |
| A28 | 29146 | Lowland | 7 | 8 | 88 | 0 | 2 | 0 | 0 | 0 | 2 |
| A29 | 29120 | Lowland | 28 | 8 | 88 | 0 | 2 | 0 | 0 | 0 | 2 |
| A30 | 28532 | Lowland | 7 | 6 | 90 | 0 | 2 | 0 | 0 | 0 | 2 |
| A31 | 26960 | Lowland | 30 | 40 | 46 | 3 | 8 | 2 | 0 | 0 | 1 |
| A32 | 26720 | Lowland | 53 | 40 | 46 | 3 | 8 | 2 | 0 | 0 | 1 |
| A33 | 16380 | Lowland | 97 | 53 | 36 | 4 | 5 | 0 | 0 | 0 | 2 |
| A34 | 15180 | Lowland | 3 | 6 | 32 | 11 | 6 | 2 | 42 | 1 | 0 |
| A35 | 7011 | Lowland | 16 | 54 | 5 | 1 | 0 | 1 | 39 | 0 | 0 |
| A36 | 3265 | Lowland | 6 | 37 | 1 | 3 | 0 | 9 | 45 | 5 | 0 |
| A37 | 2337 | Lowland | 11 | 34 | 0 | 2 | 0 | 12 | 45 | 5 | 2 |
| A38 | 1352 | Lowland | 15 | 44 | 14 | 0 | 0 | 0 | 42 | 0 | 0 |
| A39 | 1052 | Lowland | 3 | 79 | 0 | 0 | 3 | 16 | 1 | 0 | 1 |
| Avg. | 93608 |  | 59 | 34 | 40 | 4 | 5 | 4 | 9 | 2 | 2 |
| St. Dev | 126748 |  | 108 | 16 | 27 | 3 | 4 | 4 | 14 | 2 | 1 |
| B1 | 10564 | Amazon | 10 | 7 | 28 | 7 | 25 | 25 | 6 | 2 | 0 |
| B2 | 9217 | Amazon | 7 | 7 | 0 | 4 | 19 | 21 | 47 | 0 | 2 |
| B3 | 5247 | Amazon | 26 | 3 | 38 | 0 | 22 | 30 | 7 | 0 | 0 |
| B4 | 3596 | Amazon | 31 | 7 | 0 | 4 | 19 | 21 | 47 | 0 | 2 |
| B5 | 1770 | Amazon | 9 | 3 | 25 | 0 | 0 | 51 | 10 | 9 | 2 |
| B6 | 1203 | Amazon | 15 | 4 | 0 | 0 | 74 | 19 | 3 | 0 | 0 |
| B7 | 1182 | Amazon | 6 | 0 | 99 | 0 | 0 | 0 | 0 | 0 | 1 |
| B8 | 1010 | Amazon | 22 | 0 | 7 | 0 | 0 | 15 | 45 | 33 | 0 |
| B9 | 574 | Amazon | 69 | 0 | 81 | 0 | 1 | 17 | 0 | 0 | 1 |
| Avg. | 1318 |  | 22 | 3 | 31 | 2 | 18 | 22 | 18 | 5 | 1 |
| St. Dev | 3761 |  | 20 | 3 | 37 | 3 | 24 | 14 | 21 | 11 | 1 |
| C1 | 10170 | Apa | 2 | 0 | 48 | 9 | 9 | 0 | 33 | 1 | 0 |
| C2 | 3859 | Apa | 0 | 50 | 2 | 1 | 0 | 2 | 44 | 1 | 0 |
| C3 | 2513 | Apa | 2 | 4 | 0 | 27 | 0 | 1 | 66 | 0 | 2 |
| C4 | 1785 | Apa | 1 | 16 | 0 | 7 | 0 | 2 | 66 | 7 | 2 |
| C5 | 1728 | Apa | 1 | 14 | 0 | 4 | 0 | 16 | 58 | 7 | 1 |
| C6 | 964 | Apa | 2 | 30 | 0 | 0 | 3 | 37 | 30 | 0 | 0 |
| C7 | 716 | Apa | 6 | 61 | 0 | 0 | 16 | 0 | 19 | 4 | 0 |
| C8 | 453 | Apa | 1 | 0 | 0 | 0 | 0 | 69 | 30 | 0 | 1 |
| Avg. | 2774 |  | 2 | 22 | 6 | 6 | 4 | 16 | 43 | 3 | 1 |
| St. Dev | 3183 |  | 2 | 23 | 17 | 9 | 6 | 25 | 18 | 3 | 1 |
| D1 | 156858 | Plateau | 15 | 0 | 53 | 0 | 45 | 0 | 0 | 0 | 2 |
| D2 | 27196 | Plateau | 17 | 4 | 93 | 0 | 2 | 0 | 0 | 0 | 1 |
| D3 | 17508 | Plateau | 19 | 6 | 31 | 13 | 20 | 0 | 17 | 10 | 3 |
| D4 | 15576 | Plateau | 19 | 7 | 90 | 0 | 3 | 0 | 0 | 0 | 0 |
| D5 | 12295 | Plateau | 495 | 19 | 9 | 0 | 0 | 69 | 3 | 0 | 0 |
| D6 | 10952 | Plateau | 16 | 0 | 98 | 0 | 1 | 0 | 0 | 0 | 1 |
| D7 | 6973 | Plateau | 31 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| D8 | 6034 | Plateau | 163 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| D9 | 4672 | Plateau | 5 | 0 | 43 | 8 | 45 | 0 | 0 | 4 | 0 |
| D10 | 3727 | Plateau | 96 | 1 | 87 | 0 | 11 | 0 | 0 | 0 | 1 |
| D11 | 3182 | Plateau | 37 | 0 | 99 | 0 | 1 | 0 | 0 | 0 | 0 |
| D12 | 2981 | Plateau | 23 | 0 | 68 | 0 | 32 | 0 | 0 | 0 | 0 |
| D13 | 2866 | Plateau | 4 | 3 | 96 | 0 | 0 | 0 | 0 | 0 | 1 |
| D14 | 2856 | Plateau | 8 | 0 | 26 | 0 | 74 | 0 | 0 | 0 | 0 |
| D15 | 2702 | Plateau | 24 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| D16 | 2158 | Plateau | 27 | 0 | 92 | 0 | 0 | 3 | 5 | 0 | 0 |
| D17 | 2136 | Plateau | 48 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| D18 | 1658 | Plateau | 15 | 0 | 17 | 0 | 83 | 0 | 0 | 0 | 0 |
| D19 | 1270 | Plateau | 5 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| D20 | 1206 | Plateau | N/A | 0 | 99 | 0 | 1 | 0 | 0 | 0 | 0 |
| D21 | 198 | Plateau | 124 | 0 | 97 | 0 | 3 | 0 | 0 | 0 | 0 |
| Avg. | 14240 |  | 60 | 2 | 76 | 1 | 15 | 3 | 1 | 1 | 0 |
| St. Dev | 33413 |  | 111 | 4 | 32 | 3 | 26 | 15 | 4 | 2 | 1 |
| E1 | 861 | SouthPB | 0 | 1 | 9 | 85 | 0 | 1 | 0 | 3 | 1 |
| E2 | 700 | SouthPB | 0 | 0 | 5 | 85 | 0 | 0 | 0 | 9 | 1 |
| E3 | 334 | SouthPB | 1 | 0 | 11 | 38 | 0 | 0 | 7 | 44 | 0 |
| E4 | 253 | SouthPB | 21 | 0 | 33 | 6 | 0 | 0 | 20 | 41 | 0 |
| E5 | 215 | SouthPB | 3 | 3 | 25 | 28 | 0 | 0 | 0 | 42 | 2 |
| E6 | 185 | SouthPB | 2 | 0 | 0 | 5 | 0 | 0 | 73 | 22 | 0 |
| E7 | 142 | SouthPB | 2 | 0 | 14 | 54 | 0 | 0 | 0 | 32 | 0 |
| Avg. | 384 |  | 4 | 1 | 14 | 43 | 0 | 0 | 14 | 28 | 1 |
| St. Dev | 281 |  | 8 | 1 | 11 | 33 | 0 | 0 | 27 | 17 | 1 |
| F1 | 24665 | NorthPB | 18 | 2 | 36 | 6 | 2 | 0 | 21 | 33 | 0 |
| F2 | 19259 | NorthPB | 91 | 0 | 44 | 8 | 2 | 0 | 8 | 38 | 0 |
| F3 | 15956 | NorthPB | 68 | 0 | 51 | 7 | 0 | 0 | 6 | 36 | 0 |
| F4 | 15697 | NorthPB | 33 | 0 | 52 | 7 | 0 | 0 | 6 | 35 | 0 |
| F5 | 3580 | NorthPB | 160 | 0 | 72 | 0 | 28 | 0 | 0 | 0 | 0 |
| F6 | 2824 | NorthPB | 27 | 32 | 0 | 0 | 0 | 0 | 58 | 10 | 0 |
| F7 | 1775 | NorthPB | 23 | 0 | 66 | 0 | 34 | 0 | 0 | 0 | 0 |
| F8 | 1328 | NorthPB | 22 | 69 | 0 | 31 | 0 | 0 | 0 | 0 | 0 |
| F9 | 1325 | NorthPB | 12 | 5 | 81 | 14 | 0 | 0 | 0 | 0 | 0 |
| F10 | 1072 | NorthPB | 22 | 36 | 53 | 3 | 8 | 0 | 0 | 0 | 0 |
| F11 | 1018 | NorthPB | 31 | 13 | 86 | 1 | 0 | 0 | 0 | 0 | 0 |
| F12 | 107 | NorthPB | 13 | 0 | 46 | 54 | 0 | 0 | 0 | 0 | 0 |
| F13 | 2 | NorthPB | 9 | 9 | 0 | 91 | 0 | 0 | 0 | 0 | 0 |
| Avg. | 6816 |  | 41 | 13 | 45 | 17 | 6 | 0 | 8 | 12 | 0 |
| St. Dev | 8689 |  | 43 | 21 | 30 | 27 | 12 | 0 | 16 | 17 | 0 |

**Table S2:** Pour points and compositions of watersheds in **percentage values (sample sum = 100%)** organized by region. Surface, unconsolidated alluvium. S.C., siliciclastic sedimentary rock. Biochem, (bio)chemical sedimentary rock. Volcanic, volcanic igneous rock. Plutonic, plutonic igneous rock. Foliated, foliated metamorphic rock. NFoliated, non-foliated metamorphic rock. Other, sum of remaining minor components of the watershed lithotypes. Watershed area was calculated from the SRTM digital elevation models.

**Gazzi-Dickinson Point Counts**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sample | M.I. | Qm | Qp | Qpq | K | P | Acc | M | Cht | Ls | Lm | Lv | U | Qt | F | L | Lt |
| A1 | 10 | 439 | 9 | 7 | 33 | 2 | 2 | 4 | 2 | 11 | 0 | 0 | 0 | 448 | 35 | 11 | 18 |
| A2 | 7 | 424 | 6 | 6 | 40 | 0 | 2 | 9 | 0 | 18 | 1 | 0 | 0 | 430 | 40 | 19 | 25 |
| A3 | 30 | 480 | 2 | 2 | 11 | 0 | 0 | 0 | 0 | 4 | 0 | 1 | 2 | 482 | 11 | 5 | 7 |
| A4 | 491 | 489 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 8 | 491 | 0 | 1 | 3 |
| A5 | 122 | 483 | 3 | 2 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 10 | 486 | 4 | 0 | 2 |
| A6 | 492 | 488 | 4 | 3 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 7 | 492 | 0 | 1 | 4 |
| A7 | 12 | 445 | 9 | 8 | 26 | 0 | 1 | 0 | 1 | 13 | 0 | 0 | 6 | 454 | 26 | 13 | 21 |
| A8 | 98 | 481 | 7 | 5 | 1 | 0 | 0 | 0 | 2 | 3 | 0 | 1 | 7 | 488 | 1 | 4 | 9 |
| A9 | 44 | 477 | 3 | 3 | 8 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 8 | 480 | 8 | 3 | 6 |
| A10 | 7 | 414 | 5 | 5 | 33 | 2 | 3 | 18 | 0 | 21 | 4 | 0 | 0 | 419 | 35 | 25 | 30 |
| A11 | 123 | 486 | 5 | 4 | 2 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 4 | 491 | 2 | 2 | 6 |
| A12 | 123 | 490 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 5 | 491 | 3 | 1 | 2 |
| A13 | 54 | 483 | 3 | 3 | 7 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 3 | 486 | 7 | 4 | 7 |
| A14 | 30 | 466 | 6 | 5 | 10 | 1 | 0 | 1 | 1 | 5 | 0 | 0 | 11 | 472 | 11 | 5 | 10 |
| A15 | 44 | 481 | 5 | 5 | 7 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 5 | 486 | 7 | 2 | 7 |
| A16 | 30 | 475 | 4 | 3 | 11 | 1 | 2 | 0 | 1 | 4 | 0 | 0 | 3 | 479 | 12 | 4 | 7 |
| A17 | 22 | 470 | 3 | 3 | 17 | 1 | 0 | 0 | 0 | 3 | 1 | 0 | 5 | 473 | 18 | 4 | 7 |
| A18 | 48 | 474 | 9 | 7 | 7 | 0 | 1 | 0 | 2 | 2 | 1 | 0 | 6 | 483 | 7 | 3 | 10 |
| A19 | 43 | 467 | 6 | 6 | 8 | 0 | 2 | 0 | 0 | 2 | 0 | 1 | 14 | 473 | 8 | 3 | 9 |
| A20 | 20 | 459 | 8 | 8 | 16 | 1 | 2 | 0 | 0 | 3 | 1 | 2 | 8 | 467 | 17 | 6 | 14 |
| A21 | 26 | 465 | 10 | 10 | 9 | 2 | 1 | 1 | 0 | 5 | 2 | 0 | 5 | 475 | 11 | 7 | 17 |
| A22 | 60 | 469 | 11 | 11 | 7 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 12 | 480 | 7 | 1 | 12 |
| A23 | 26 | 459 | 12 | 10 | 13 | 0 | 2 | 2 | 2 | 4 | 1 | 0 | 7 | 471 | 13 | 5 | 15 |
| A24 | 37 | 470 | 6 | 4 | 13 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 10 | 476 | 13 | 0 | 4 |
| A25 | 7 | 427 | 4 | 4 | 34 | 0 | 2 | 0 | 0 | 27 | 3 | 0 | 3 | 431 | 34 | 30 | 34 |
| A26 | 4 | 403 | 5 | 3 | 64 | 0 | 1 | 0 | 2 | 26 | 1 | 0 | 0 | 408 | 64 | 27 | 30 |
| A27 | 4 | 376 | 11 | 9 | 84 | 0 | 1 | 1 | 2 | 21 | 0 | 0 | 6 | 387 | 84 | 21 | 30 |
| A28 | 7 | 426 | 6 | 5 | 43 | 0 | 1 | 2 | 1 | 17 | 2 | 0 | 3 | 432 | 43 | 19 | 24 |
| A29 | 28 | 470 | 7 | 5 | 10 | 0 | 0 | 0 | 2 | 6 | 1 | 0 | 6 | 477 | 10 | 7 | 12 |
| A30 | 7 | 412 | 16 | 13 | 40 | 0 | 2 | 0 | 3 | 25 | 0 | 0 | 5 | 428 | 40 | 25 | 38 |
| A31 | 30 | 455 | 17 | 16 | 13 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 12 | 472 | 14 | 2 | 18 |
| A32 | 53 | 471 | 9 | 6 | 4 | 0 | 1 | 0 | 3 | 3 | 2 | 0 | 10 | 480 | 4 | 5 | 11 |
| A33 | 97 | 479 | 6 | 5 | 0 | 0 | 0 | 0 | 1 | 5 | 0 | 0 | 10 | 485 | 0 | 5 | 10 |
| A34 | 3 | 332 | 38 | 37 | 76 | 40 | 1 | 1 | 1 | 7 | 4 | 0 | 1 | 370 | 116 | 11 | 48 |
| A35 | 16 | 459 | 6 | 4 | 16 | 2 | 5 | 1 | 2 | 7 | 4 | 0 | 0 | 465 | 18 | 11 | 15 |
| A36 | 6 | 401 | 26 | 25 | 50 | 5 | 1 | 3 | 1 | 11 | 3 | 0 | 0 | 427 | 55 | 14 | 39 |
| A37 | 11 | 451 | 5 | 5 | 36 | 3 | 1 | 0 | 0 | 2 | 0 | 0 | 2 | 456 | 39 | 2 | 7 |
| A38 | 15 | 461 | 7 | 7 | 29 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 468 | 30 | 1 | 8 |
| A39 | 3 | 359 | 24 | 24 | 90 | 23 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 383 | 113 | 4 | 28 |
| Avg. | 59 | 451.7 | 8.4 | 7.5 | 22.4 | 2.2 | 0.9 | 1.1 | 0.9 | 6.9 | 1 | 0.1 | 5.3 | 460.1 | 24.6 | 8 | 15.5 |
| St. Dev | 108 | 37.6 | 7.3 | 7.1 | 23.7 | 7.3 | 1.1 | 3.2 | 0.9 | 8 | 1.3 | 0.4 | 4 | 32.5 | 28.5 | 8.3 | 11.6 |
| B1 | 10 | 413 | 27 | 26 | 38 | 1 | 4 | 1 | 1 | 2 | 0 | 1 | 13 | 440 | 39 | 3 | 29 |
| B2 | 7 | 248 | 178 | 178 | 45 | 0 | 1 | 2 | 0 | 15 | 0 | 0 | 11 | 426 | 45 | 15 | 193 |
| B3 | 26 | 429 | 9 | 9 | 14 | 3 | 15 | 12 | 0 | 0 | 0 | 0 | 18 | 438 | 17 | 0 | 9 |
| B4 | 31 | 453 | 10 | 9 | 3 | 1 | 9 | 0 | 1 | 8 | 1 | 2 | 13 | 463 | 4 | 11 | 20 |
| B5 | 9 | 406 | 26 | 26 | 32 | 13 | 0 | 3 | 0 | 4 | 0 | 0 | 16 | 432 | 45 | 4 | 30 |
| B6 | 15 | 402 | 51 | 49 | 17 | 3 | 0 | 3 | 2 | 9 | 1 | 0 | 14 | 453 | 20 | 10 | 59 |
| B7 | 6 | 382 | 12 | 3 | 9 | 0 | 35 | 0 | 9 | 61 | 1 | 0 | 0 | 394 | 9 | 62 | 65 |
| B8 | 22 | 456 | 8 | 8 | 10 | 1 | 13 | 0 | 0 | 10 | 0 | 0 | 2 | 464 | 11 | 10 | 18 |
| B9 | 69 | 468 | 14 | 12 | 3 | 1 | 1 | 0 | 2 | 3 | 0 | 0 | 10 | 482 | 4 | 3 | 15 |
| Avg. | 22 | 406.3 | 37.2 | 35.6 | 19 | 2.6 | 8.7 | 2.3 | 1.7 | 12.4 | 0.3 | 0.3 | 10.8 | 443.6 | 21.6 | 13.1 | 48.7 |
| St. Dev | 20 | 65.8 | 54.5 | 55.3 | 15.5 | 4.1 | 11.4 | 3.8 | 2.9 | 18.8 | 0.5 | 0.7 | 6.1 | 25.7 | 17 | 19 | 57.5 |
| C1 | 2 | 321 | 6 | 5 | 106 | 17 | 10 | 7 | 1 | 30 | 1 | 0 | 2 | 327 | 123 | 31 | 36 |
| C2 | 0 | 83 | 6 | 5 | 23 | 0 | 4 | 49 | 1 | 6 | 328 | 0 | 1 | 89 | 23 | 334 | 339 |
| C3 | 2 | 294 | 18 | 17 | 112 | 33 | 4 | 9 | 1 | 21 | 7 | 0 | 2 | 312 | 145 | 28 | 45 |
| C4 | 1 | 215 | 3 | 3 | 193 | 4 | 1 | 11 | 0 | 61 | 1 | 0 | 11 | 218 | 197 | 62 | 65 |
| C5 | 1 | 261 | 3 | 3 | 195 | 2 | 1 | 7 | 0 | 24 | 1 | 0 | 6 | 264 | 197 | 25 | 28 |
| C6 | 2 | 319 | 1 | 1 | 157 | 10 | 0 | 1 | 0 | 8 | 0 | 0 | 4 | 320 | 167 | 8 | 9 |
| C7 | 6 | 407 | 15 | 15 | 53 | 15 | 2 | 1 | 0 | 7 | 0 | 0 | 0 | 422 | 68 | 7 | 22 |
| C8 | 1 | 218 | 45 | 44 | 148 | 17 | 0 | 0 | 1 | 8 | 12 | 50 | 2 | 263 | 165 | 70 | 114 |
| Avg. | 2 | 264.8 | 12.1 | 11.6 | 123 | 12 | 2.8 | 11 | 0.5 | 20.6 | 44 | 6 | 3.5 | 277 | 136 | 71 | 82 |
| St. Dev | 2 | 96.3 | 14.6 | 14.3 | 62 | 11 | 3.3 | 16 | 0.5 | 18.7 | 115 | 18 | 3.5 | 97 | 62 | 109 | 109 |
| D1 | 15 | 428 | 24 | 16 | 16 | 0 | 3 | 1 | 8 | 5 | 9 | 1 | 13 | 452 | 16 | 15 | 31 |
| D2 | 17 | 442 | 25 | 15 | 13 | 1 | 1 | 1 | 10 | 9 | 5 | 0 | 3 | 467 | 14 | 14 | 29 |
| D3 | 19 | 446 | 19 | 18 | 5 | 0 | 3 | 0 | 1 | 9 | 9 | 1 | 8 | 465 | 5 | 19 | 37 |
| D4 | 19 | 445 | 23 | 16 | 15 | 1 | 0 | 0 | 7 | 7 | 2 | 0 | 7 | 468 | 16 | 9 | 25 |
| D5 | 495 | 458 | 37 | 36 | 0 | 1 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 495 | 1 | 0 | 36 |
| D6 | 16 | 432 | 26 | 15 | 11 | 3 | 5 | 0 | 11 | 13 | 0 | 1 | 9 | 458 | 14 | 14 | 29 |
| D7 | 31 | 453 | 14 | 2 | 2 | 0 | 18 | 0 | 12 | 7 | 6 | 0 | 0 | 467 | 2 | 13 | 15 |
| D8 | 163 | 468 | 20 | 18 | 0 | 2 | 7 | 2 | 2 | 1 | 0 | 0 | 0 | 488 | 2 | 1 | 19 |
| D9 | 5 | 376 | 10 | 7 | 9 | 3 | 27 | 0 | 3 | 60 | 6 | 5 | 4 | 386 | 12 | 71 | 78 |
| D10 | 96 | 464 | 14 | 7 | 5 | 0 | 1 | 1 | 7 | 0 | 0 | 0 | 15 | 478 | 5 | 0 | 7 |
| D11 | 37 | 443 | 33 | 31 | 9 | 0 | 2 | 0 | 2 | 4 | 0 | 0 | 9 | 476 | 9 | 4 | 35 |
| D12 | 23 | 422 | 30 | 29 | 11 | 1 | 21 | 1 | 1 | 2 | 5 | 1 | 6 | 452 | 12 | 8 | 37 |
| D13 | 4 | 390 | 4 | 3 | 31 | 0 | 1 | 2 | 1 | 69 | 2 | 0 | 1 | 394 | 31 | 71 | 74 |
| D14 | 8 | 390 | 22 | 13 | 5 | 4 | 35 | 0 | 9 | 35 | 2 | 4 | 3 | 412 | 9 | 41 | 54 |
| D15 | 24 | 421 | 58 | 57 | 9 | 5 | 1 | 0 | 1 | 6 | 0 | 0 | 0 | 479 | 14 | 6 | 63 |
| D16 | 27 | 475 | 4 | 4 | 15 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 | 479 | 15 | 3 | 7 |
| D17 | 48 | 455 | 29 | 29 | 5 | 0 | 0 | 0 | 0 | 3 | 2 | 0 | 6 | 484 | 5 | 5 | 34 |
| D18 | 15 | 377 | 22 | 18 | 4 | 2 | 64 | 0 | 4 | 9 | 3 | 8 | 11 | 399 | 6 | 20 | 38 |
| D19 | 5 | 376 | 3 | 3 | 35 | 3 | 25 | 24 | 0 | 31 | 0 | 3 | 0 | 379 | 38 | 34 | 37 |
| D20 | N/A | 480 | 17 | 17 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 497 | 0 | 0 | 17 |
| D21 | 124 | 481 | 14 | 14 | 0 | 0 | 1 | 0 | 0 | 4 | 0 | 0 | 0 | 495 | 0 | 4 | 18 |
| Avg. | 60 | 434.4 | 21.3 | 17.5 | 9.5 | 1.2 | 10.6 | 1.5 | 3.8 | 13.2 | 2.4 | 1.1 | 4.7 | 456 | 10.8 | 16.8 | 34.3 |
| St. Dev | 111 | 34.7 | 12.6 | 13.2 | 9.4 | 1.5 | 16.2 | 5.2 | 4.1 | 19.4 | 3 | 2.1 | 4.7 | 38 | 9.7 | 21 | 19.4 |
| E1 | 0 | 100 | 13 | 12 | 48 | 1 | 0 | 0 | 1 | 331 | 5 | 0 | 2 | 113 | 49 | 336 | 348 |
| E2 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 491 | 0 | 0 | 0 | 9 | 0 | 491 | 491 |
| E3 | 1 | 196 | 42 | 42 | 10 | 2 | 1 | 5 | 0 | 166 | 75 | 1 | 2 | 238 | 12 | 242 | 284 |
| E4 | 21 | 427 | 39 | 39 | 2 | 0 | 2 | 0 | 0 | 5 | 15 | 0 | 10 | 466 | 2 | 20 | 59 |
| E5 | 3 | 262 | 83 | 82 | 13 | 2 | 7 | 6 | 1 | 100 | 19 | 3 | 5 | 345 | 15 | 122 | 204 |
| E6 | 2 | 297 | 30 | 14 | 0 | 0 | 0 | 0 | 16 | 160 | 10 | 0 | 3 | 327 | 0 | 170 | 184 |
| E7 | 2 | 262 | 47 | 47 | 20 | 7 | 7 | 4 | 0 | 84 | 67 | 0 | 2 | 309 | 27 | 151 | 198 |
| Avg. | 4 | 221.9 | 36.3 | 33.7 | 13.3 | 1.7 | 2.4 | 2.1 | 2.6 | 191 | 27 | 0.6 | 3.4 | 258 | 15 | 219 | 253 |
| St. Dev | 8 | 136.5 | 26.6 | 27.7 | 17 | 2.5 | 3.2 | 2.7 | 5.9 | 166 | 31 | 1.1 | 3.3 | 154 | 18 | 155 | 138 |
| F1 | 18 | 417 | 42 | 38 | 11 | 0 | 3 | 1 | 4 | 6 | 9 | 0 | 11 | 459 | 11 | 15 | 53 |
| F2 | 91 | 408 | 47 | 28 | 2 | 0 | 27 | 6 | 19 | 3 | 0 | 0 | 7 | 455 | 2 | 3 | 31 |
| F3 | 68 | 465 | 11 | 11 | 0 | 1 | 2 | 0 | 0 | 6 | 0 | 0 | 15 | 476 | 1 | 6 | 17 |
| F4 | 33 | 440 | 21 | 19 | 6 | 1 | 16 | 0 | 2 | 7 | 0 | 0 | 9 | 461 | 7 | 7 | 26 |
| F5 | 160 | 462 | 19 | 15 | 3 | 0 | 3 | 0 | 4 | 0 | 0 | 0 | 13 | 481 | 3 | 0 | 15 |
| F6 | 27 | 447 | 13 | 13 | 0 | 0 | 5 | 0 | 0 | 16 | 1 | 0 | 18 | 460 | 0 | 17 | 30 |
| F7 | 23 | 439 | 12 | 6 | 2 | 0 | 13 | 1 | 6 | 18 | 0 | 0 | 15 | 451 | 2 | 18 | 24 |
| F8 | 22 | 448 | 8 | 7 | 2 | 0 | 6 | 2 | 1 | 19 | 0 | 0 | 15 | 456 | 2 | 19 | 26 |
| F9 | 12 | 403 | 44 | 41 | 0 | 0 | 7 | 0 | 3 | 37 | 0 | 1 | 8 | 447 | 0 | 38 | 79 |
| F10 | 22 | 450 | 13 | 11 | 0 | 0 | 1 | 0 | 2 | 14 | 7 | 0 | 15 | 463 | 0 | 21 | 32 |
| F11 | 31 | 434 | 37 | 32 | 2 | 0 | 0 | 0 | 5 | 6 | 6 | 1 | 14 | 471 | 2 | 13 | 45 |
| F12 | 13 | 405 | 41 | 40 | 3 | 0 | 12 | 0 | 1 | 31 | 0 | 0 | 8 | 446 | 3 | 31 | 71 |
| F13 | 9 | 347 | 34 | 21 | 3 | 0 | 60 | 2 | 13 | 41 | 0 | 0 | 13 | 381 | 3 | 41 | 62 |
| Avg. | 41 | 428.1 | 26.3 | 21.7 | 2.6 | 0.2 | 11.9 | 0.9 | 4.6 | 15.7 | 1.8 | 0.2 | 12.4 | 454 | 2.8 | 17.6 | 39 |
| St. Dev | 43 | 32 | 14.7 | 12.7 | 3 | 0.4 | 16.3 | 1.7 | 5.5 | 13.3 | 3.2 | 0.4 | 3.5 | 24 | 3.1 | 12.8 | 21 |

**Table S3:** Raw point counts (sample size = 500). See Table 1 for abbreviations. M.I., Maturity Index.