**Supplemental Figure S1.**
Baujat plots and leave-one-out statistical outputs

<u>Less than 5mm</u>

| | rstudent | dffits | cook.d | cov.r | tau2.del | QE.del | hat | weight | dfbs | inf |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.0979 | 0.0268 | 0.0008 | 1.1402 | 0.0812 | 1802.3588 | 0.0721 | 7.2076 | 0.0268 | |
| 2 | -0.4680 | -0.1279 | 0.0164 | 1.0759 | 0.0767 | 1808.6248 | 0.0695 | 6.9496 | -0.1279 | |
| 3 | 0.0084 | 0.0022 | 0.0000 | 1.0945 | 0.0780 | 1820.7700 | 0.0707 | 7.0709 | 0.0022 | |
| 4 | -0.4362 | -0.1219 | 0.0148 | 1.0760 | 0.0765 | 1554.9362 | 0.0724 | 7.2446 | -0.1219 | |
| 5 | -0.4481 | -0.1249 | 0.0157 | 1.0815 | 0.0769 | 1704.9657 | 0.0721 | 7.2093 | -0.1249 | |
| 6 | -0.3242 | -0.0902 | 0.0082 | 1.0908 | 0.0776 | 1772.8179 | 0.0717 | 7.1672 | -0.0902 | |
| 7 | -0.3928 | -0.1092 | 0.0120 | 1.0852 | 0.0772 | 1765.5174 | 0.0716 | 7.1649 | -0.1092 | |
| 8 | -0.1499 | -0.0427 | 0.0020 | 1.1938 | 0.0850 | 1587.1703 | 0.0726 | 7.2554 | -0.0427 | |
| 9 | 0.2394 | 0.0662 | 0.0046 | 1.1388 | 0.0811 | 1819.5882 | 0.0720 | 7.1962 | 0.0662 | |
| 10 | 0.0050 | 0.0010 | 0.0000 | 1.1215 | 0.0798 | 1799.5871 | 0.0719 | 7.1905 | 0.0010 | |
| 11 | -0.5045 | -0.1395 | 0.0194 | 1.0762 | 0.0766 | 1782.6440 | 0.0710 | 7.0982 | -0.1395 | |
| 12 | -0.3961 | -0.1103 | 0.0123 | 1.0863 | 0.0773 | 1750.7264 | 0.0718 | 7.1833 | -0.1103 | |
| 13 | 1.2808 | 0.3458 | 0.1204 | 1.0807 | 0.0772 | 1829.1770 | 0.0679 | 6.7909 | 0.3457 | |
| 14 | 5.6535 | 2.0101 | 0.2935 | 0.0947 | 0.0055 | 90.2390 | 0.0727 | 7.2714 | 1.8423 | * |

| | estimate | se | zval | pval | ci.lb | ci.ub | Q | Qp | tau2 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.3009 | 0.0797 | 3.7733 | 0.0002 | 0.1446 | 0.4572 | 1802.3588 | 0.0000 | 0.0812 |
| 2 | 0.3125 | 0.0775 | 4.0345 | 0.0001 | 0.1607 | 0.4643 | 1808.6248 | 0.0000 | 0.0767 |
| 3 | 0.3028 | 0.0781 | 3.8756 | 0.0001 | 0.1497 | 0.4559 | 1820.7700 | 0.0000 | 0.0780 |
| 4 | 0.3121 | 0.0775 | 4.0283 | 0.0001 | 0.1602 | 0.4639 | 1554.9362 | 0.0000 | 0.0765 |
| 5 | 0.3123 | 0.0777 | 4.0214 | 0.0001 | 0.1601 | 0.4645 | 1704.9657 | 0.0000 | 0.0769 |
| 6 | 0.3097 | 0.0780 | 3.9713 | 0.0001 | 0.1569 | 0.4626 | 1772.8179 | 0.0000 | 0.0776 |
| 7 | 0.3111 | 0.0778 | 3.9994 | 0.0001 | 0.1587 | 0.4636 | 1765.5174 | 0.0000 | 0.0772 |
| 8 | 0.3063 | 0.0816 | 3.7540 | 0.0002 | 0.1464 | 0.4662 | 1587.1703 | 0.0000 | 0.0850 |
| 9 | 0.2979 | 0.0797 | 3.7379 | 0.0002 | 0.1417 | 0.4541 | 1819.5882 | 0.0000 | 0.0811 |
| 10 | 0.3029 | 0.0791 | 3.8297 | 0.0001 | 0.1479 | 0.4579 | 1799.5871 | 0.0000 | 0.0798 |
| 11 | 0.3134 | 0.0775 | 4.0449 | 0.0001 | 0.1615 | 0.4652 | 1782.6440 | 0.0000 | 0.0766 |
| 12 | 0.3112 | 0.0778 | 3.9985 | 0.0001 | 0.1587 | 0.4638 | 1750.7264 | 0.0000 | 0.0773 |
| 13 | 0.2771 | 0.0776 | 3.5687 | 0.0004 | 0.1249 | 0.4292 | 1829.1770 | 0.0000 | 0.0772 |
| 14 | 0.2625 | 0.0230 | 11.4234 | 0.0000 | 0.2175 | 0.3075 | 90.2390 | 0.0000 | 0.0055 |

| | I2 | H2 |
|---|---|---|
| 1 | 99.3342 | 150.1966 |
| 2 | 99.3365 | 150.7187 |
| 3 | 99.3409 | 151.7308 |
| 4 | 99.2283 | 129.5780 |
| 5 | 99.2962 | 142.0805 |
| 6 | 99.3231 | 147.7348 |
| 7 | 99.3203 | 147.1265 |
| 8 | 99.2439 | 132.2642 |
| 9 | 99.3405 | 151.6323 |
| 10 | 99.3332 | 149.9656 |
| 11 | 99.3268 | 148.5537 |
| 12 | 99.3146 | 145.8939 |
| 13 | 99.3440 | 152.4314 |
| 14 | 86.7020 | 7.5199 |

Less than 1cm

| | rstudent | dffits | cook.d | cov.r | tau2.del | QE.del | hat | weight |
|---|---|---|---|---|---|---|---|---|
| 1 | 0.0102 | 0.0015 | 0.0000 | 1.0347 | 0.1130 | 16292.4374 | 0.0216 | 2.1577 |
| 2 | 0.0731 | 0.0108 | 0.0001 | 1.0255 | 0.1120 | 16294.0800 | 0.0213 | 2.1258 |
| 3 | -0.3938 | -0.0584 | 0.0034 | 1.0294 | 0.1124 | 16291.0683 | 0.0215 | 2.1483 |
| 4 | -0.2017 | -0.0298 | 0.0009 | 1.0272 | 0.1121 | 16296.2430 | 0.0214 | 2.1379 |
| 5 | 0.5081 | 0.0755 | 0.0058 | 1.0346 | 0.1129 | 16202.0926 | 0.0216 | 2.1620 |
| 6 | -0.0005 | -0.0001 | 0.0000 | 1.0302 | 0.1125 | 16294.1713 | 0.0215 | 2.1500 |
| 7 | 0.0927 | 0.0137 | 0.0002 | 1.0648 | 0.1163 | 16264.9447 | 0.0217 | 2.1678 |
| 8 | 0.3458 | 0.0500 | 0.0025 | 1.0221 | 0.1117 | 16292.2683 | 0.0205 | 2.0462 |
| 9 | -0.5739 | -0.0853 | 0.0074 | 1.0341 | 0.1129 | 16267.4082 | 0.0216 | 2.1587 |
| 10 | 0.8484 | 0.1258 | 0.0159 | 1.0246 | 0.1118 | 16186.9295 | 0.0215 | 2.1524 |
| 11 | -0.1809 | -0.0268 | 0.0007 | 1.0302 | 0.1125 | 16296.3190 | 0.0215 | 2.1497 |
| 12 | 0.2652 | 0.0390 | 0.0015 | 1.0242 | 0.1118 | 16290.2261 | 0.0211 | 2.1122 |
| 13 | -0.1548 | -0.0227 | 0.0005 | 1.0239 | 0.1118 | 16296.4022 | 0.0210 | 2.0985 |
| 14 | 0.6964 | 0.1029 | 0.0106 | 1.0243 | 0.1118 | 16252.2026 | 0.0214 | 2.1372 |
| 15 | -0.0580 | -0.0087 | 0.0001 | 1.0368 | 0.1132 | 16294.8810 | 0.0216 | 2.1596 |
| 16 | -0.2249 | -0.0325 | 0.0011 | 1.0224 | 0.1117 | 16296.3011 | 0.0205 | 2.0490 |
| 17 | 0.3484 | 0.0515 | 0.0027 | 1.0263 | 0.1120 | 16280.5851 | 0.0214 | 2.1382 |
| 18 | 0.2421 | 0.0358 | 0.0013 | 1.0266 | 0.1121 | 16286.7382 | 0.0214 | 2.1377 |
| 19 | 0.0104 | 0.0015 | 0.0000 | 1.0350 | 0.1130 | 16292.3482 | 0.0216 | 2.1580 |
| 20 | 0.1879 | 0.0277 | 0.0008 | 1.0252 | 0.1119 | 16291.2586 | 0.0212 | 2.1243 |
| 21 | -0.2203 | -0.0312 | 0.0010 | 1.0209 | 0.1116 | 16296.3447 | 0.0197 | 1.9655 |
| 22 | 0.1047 | 0.0155 | 0.0002 | 1.0269 | 0.1121 | 16292.2816 | 0.0214 | 2.1379 |
| 23 | -0.2222 | -0.0330 | 0.0011 | 1.0376 | 0.1133 | 16295.4786 | 0.0216 | 2.1601 |
| 24 | -0.9557 | -0.1425 | 0.0120 | 0.6117 | 0.0658 | 5184.0109 | 0.0217 | 2.1718 |
| 25 | -0.4845 | -0.0718 | 0.0052 | 1.0285 | 0.1123 | 16287.1550 | 0.0215 | 2.1462 |
| 26 | 0.1275 | 0.0183 | 0.0003 | 1.0217 | 0.1117 | 16295.3734 | 0.0202 | 2.0159 |
| 27 | -0.3858 | -0.0575 | 0.0034 | 1.0603 | 0.1158 | 16269.8901 | 0.0217 | 2.1673 |
| 28 | -0.0414 | -0.0060 | 0.0000 | 1.0224 | 0.1117 | 16296.2054 | 0.0205 | 2.0487 |
| 29 | -0.2007 | -0.0298 | 0.0009 | 1.0375 | 0.1133 | 16295.9586 | 0.0216 | 2.1600 |
| 30 | -0.4510 | -0.0661 | 0.0044 | 1.0240 | 0.1118 | 16293.5675 | 0.0210 | 2.1039 |
| 31 | -0.0638 | -0.0094 | 0.0001 | 1.0260 | 0.1120 | 16296.0212 | 0.0213 | 2.1294 |
| 32 | -0.4179 | -0.0622 | 0.0040 | 1.0487 | 0.1145 | 16272.5597 | 0.0217 | 2.1654 |
| 33 | -0.4316 | -0.0641 | 0.0042 | 1.0345 | 0.1129 | 16284.1741 | 0.0216 | 2.1581 |
| 34 | -0.0442 | -0.0065 | 0.0000 | 1.0258 | 0.1120 | 16295.8486 | 0.0213 | 2.1279 |
| 35 | -0.3888 | -0.0576 | 0.0033 | 1.0296 | 0.1124 | 16291.1581 | 0.0215 | 2.1489 |
| 36 | -0.1947 | -0.0290 | 0.0009 | 1.0648 | 0.1163 | 16295.3588 | 0.0217 | 2.1676 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 37 | 0.1272 | 0.0189 | 0.0004 | 1.0325 | 0.1127 | 16286.3059 | 0.0216 | 2.1554 |
| 38 | -0.0667 | -0.0099 | 0.0001 | 1.0323 | 0.1127 | 16295.5319 | 0.0215 | 2.1542 |
| 39 | -0.4789 | -0.0707 | 0.0050 | 1.0264 | 0.1120 | 16290.1805 | 0.0214 | 2.1350 |
| 40 | -0.2540 | -0.0373 | 0.0014 | 1.0246 | 0.1119 | 16296.0205 | 0.0211 | 2.1122 |
| 41 | 0.2379 | 0.0338 | 0.0011 | 1.0210 | 0.1116 | 16294.7926 | 0.0198 | 1.9772 |
| 42 | 0.3619 | 0.0527 | 0.0028 | 1.0228 | 0.1117 | 16290.4782 | 0.0208 | 2.0779 |
| 43 | 0.4444 | 0.0653 | 0.0043 | 1.0239 | 0.1118 | 16283.2972 | 0.0211 | 2.1143 |
| 44 | -0.2027 | -0.0299 | 0.0009 | 1.0260 | 0.1120 | 16296.2703 | 0.0213 | 2.1289 |
| 45 | -0.3425 | -0.0509 | 0.0026 | 1.0345 | 0.1129 | 16290.8863 | 0.0216 | 2.1577 |
| 46 | 1.2136 | 0.1810 | 0.0313 | 0.9781 | 0.1066 | 13999.9303 | 0.0217 | 2.1702 |
| 47 | 1.7119 | 0.2623 | 0.0355 | 0.5375 | 0.0576 | 5469.3234 | 0.0217 | 2.1715 |

| | dfbs inf |
|---|---|
| 1 | 0.0015 |
| 2 | 0.0108 |
| 3 | -0.0584 |
| 4 | -0.0298 |
| 5 | 0.0755 |
| 6 | -0.0001 |
| 7 | 0.0137 |
| 8 | 0.0500 |
| 9 | -0.0853 |
| 10 | 0.1258 |
| 11 | -0.0268 |
| 12 | 0.0390 |
| 13 | -0.0227 |
| 14 | 0.1029 |
| 15 | -0.0087 |
| 16 | -0.0325 |
| 17 | 0.0515 |
| 18 | 0.0358 |
| 19 | 0.0015 |
| 20 | 0.0277 |
| 21 | -0.0312 |
| 22 | 0.0155 |
| 23 | -0.0330 |
| 24 | -0.1416 |
| 25 | -0.0718 |
| 26 | 0.0183 |
| 27 | -0.0575 |
| 28 | -0.0060 |
| 29 | -0.0298 |
| 30 | -0.0661 |
| 31 | -0.0094 |
| 32 | -0.0622 |
| 33 | -0.0641 |
| 34 | -0.0065 |
| 35 | -0.0576 |
| 36 | -0.0291 |
| 37 | 0.0189 |
| 38 | -0.0099 |
| 39 | -0.0707 |
| 40 | -0.0373 |
| 41 | 0.0338 |
| 42 | 0.0527 |
| 43 | 0.0653 |
| 44 | -0.0299 |
| 45 | -0.0509 |
| 46 | 0.1809 |
| 47 | 0.2600 |

| | estimate | se | zval | pval | ci.lb | ci.ub | Q | Qp | tau2 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.3265 | 0.0501 | 6.5217 | 0.0000 | 0.2284 | 0.4247 | 16292.4374 | 0.0000 | 0.1130 |
| 2 | 0.3261 | 0.0498 | 6.5417 | 0.0000 | 0.2284 | 0.4238 | 16294.0800 | 0.0000 | 0.1120 |
| 3 | 0.3295 | 0.0499 | 6.5978 | 0.0000 | 0.2316 | 0.4274 | 16291.0683 | 0.0000 | 0.1124 |
| 4 | 0.3281 | 0.0499 | 6.5765 | 0.0000 | 0.2303 | 0.4258 | 16296.2430 | 0.0000 | 0.1121 |
| 5 | 0.3229 | 0.0501 | 6.4488 | 0.0000 | 0.2247 | 0.4210 | 16202.0926 | 0.0000 | 0.1129 |
| 6 | 0.3266 | 0.0500 | 6.5376 | 0.0000 | 0.2287 | 0.4245 | 16294.1713 | 0.0000 | 0.1125 |
| 7 | 0.3259 | 0.0508 | 6.4167 | 0.0000 | 0.2264 | 0.4255 | 16264.9447 | 0.0000 | 0.1163 |
| 8 | 0.3241 | 0.0498 | 6.5139 | 0.0000 | 0.2266 | 0.4217 | 16292.2683 | 0.0000 | 0.1117 |
| 9 | 0.3308 | 0.0501 | 6.6095 | 0.0000 | 0.2327 | 0.4289 | 16267.4082 | 0.0000 | 0.1129 |
| 10 | 0.3204 | 0.0498 | 6.4310 | 0.0000 | 0.2228 | 0.4180 | 16186.9295 | 0.0000 | 0.1118 |
| 11 | 0.3279 | 0.0500 | 6.5641 | 0.0000 | 0.2300 | 0.4258 | 16296.3190 | 0.0000 | 0.1125 |
| 12 | 0.3247 | 0.0498 | 6.5179 | 0.0000 | 0.2270 | 0.4223 | 16290.2261 | 0.0000 | 0.1118 |
| 13 | 0.3277 | 0.0498 | 6.5799 | 0.0000 | 0.2301 | 0.4253 | 16296.4022 | 0.0000 | 0.1118 |
| 14 | 0.3215 | 0.0498 | 6.4543 | 0.0000 | 0.2239 | 0.4192 | 16252.2026 | 0.0000 | 0.1118 |
| 15 | 0.3270 | 0.0501 | 6.5251 | 0.0000 | 0.2288 | 0.4253 | 16294.8810 | 0.0000 | 0.1132 |
| 16 | 0.3282 | 0.0498 | 6.5946 | 0.0000 | 0.2307 | 0.4257 | 16296.3011 | 0.0000 | 0.1117 |
| 17 | 0.3241 | 0.0499 | 6.4990 | 0.0000 | 0.2263 | 0.4218 | 16280.5851 | 0.0000 | 0.1120 |
| 18 | 0.3248 | 0.0499 | 6.5136 | 0.0000 | 0.2271 | 0.4226 | 16286.7382 | 0.0000 | 0.1121 |
| 19 | 0.3265 | 0.0501 | 6.5209 | 0.0000 | 0.2284 | 0.4247 | 16292.3482 | 0.0000 | 0.1130 |
| 20 | 0.3252 | 0.0498 | 6.5260 | 0.0000 | 0.2276 | 0.4229 | 16291.2586 | 0.0000 | 0.1119 |
| 21 | 0.3281 | 0.0497 | 6.5980 | 0.0000 | 0.2307 | 0.4256 | 16296.3447 | 0.0000 | 0.1116 |
| 22 | 0.3258 | 0.0499 | 6.5325 | 0.0000 | 0.2281 | 0.4236 | 16292.2816 | 0.0000 | 0.1121 |
| 23 | 0.3282 | 0.0501 | 6.5468 | 0.0000 | 0.2300 | 0.4265 | 16295.4786 | 0.0000 | 0.1133 |
| 24 | 0.3320 | 0.0385 | 8.6240 | 0.0000 | 0.2565 | 0.4074 | 5184.0109 | 0.0000 | 0.0658 |
| 25 | 0.3301 | 0.0499 | 6.6140 | 0.0000 | 0.2323 | 0.4280 | 16287.1550 | 0.0000 | 0.1123 |
| 26 | 0.3257 | 0.0498 | 6.5466 | 0.0000 | 0.2282 | 0.4232 | 16295.3734 | 0.0000 | 0.1117 |
| 27 | 0.3295 | 0.0507 | 6.5009 | 0.0000 | 0.2301 | 0.4288 | 16269.8901 | 0.0000 | 0.1158 |
| 28 | 0.3269 | 0.0498 | 6.5684 | 0.0000 | 0.2294 | 0.4244 | 16296.2054 | 0.0000 | 0.1117 |
| 29 | 0.3281 | 0.0501 | 6.5439 | 0.0000 | 0.2298 | 0.4263 | 16295.9586 | 0.0000 | 0.1133 |
| 30 | 0.3299 | 0.0498 | 6.6227 | 0.0000 | 0.2322 | 0.4275 | 16293.5675 | 0.0000 | 0.1118 |
| 31 | 0.3271 | 0.0499 | 6.5601 | 0.0000 | 0.2293 | 0.4248 | 16296.0212 | 0.0000 | 0.1120 |
| 32 | 0.3297 | 0.0504 | 6.5409 | 0.0000 | 0.2309 | 0.4285 | 16272.5597 | 0.0000 | 0.1145 |
| 33 | 0.3298 | 0.0501 | 6.5871 | 0.0000 | 0.2317 | 0.4279 | 16284.1741 | 0.0000 | 0.1129 |
| 34 | 0.3269 | 0.0499 | 6.5578 | 0.0000 | 0.2292 | 0.4246 | 16295.8486 | 0.0000 | 0.1120 |
| 35 | 0.3294 | 0.0499 | 6.5965 | 0.0000 | 0.2316 | 0.4273 | 16291.1581 | 0.0000 | 0.1124 |
| 36 | 0.3281 | 0.0508 | 6.4590 | 0.0000 | 0.2285 | 0.4276 | 16295.3588 | 0.0000 | 0.1163 |
| 37 | 0.3257 | 0.0500 | 6.5116 | 0.0000 | 0.2276 | 0.4237 | 16286.3059 | 0.0000 | 0.1127 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 38 | 0.3271 | 0.0500 | 6.5407 | 0.0000 | 0.2291 | 0.4251 | 16295.5319 | 0.0000 | 0.1127 |
| 39 | 0.3301 | 0.0499 | 6.6196 | 0.0000 | 0.2324 | 0.4278 | 16290.1805 | 0.0000 | 0.1120 |
| 40 | 0.3284 | 0.0498 | 6.5922 | 0.0000 | 0.2308 | 0.4261 | 16296.0205 | 0.0000 | 0.1119 |
| 41 | 0.3249 | 0.0497 | 6.5334 | 0.0000 | 0.2275 | 0.4224 | 16294.7926 | 0.0000 | 0.1116 |
| 42 | 0.3240 | 0.0498 | 6.5090 | 0.0000 | 0.2264 | 0.4216 | 16290.4782 | 0.0000 | 0.1117 |
| 43 | 0.3234 | 0.0498 | 6.4928 | 0.0000 | 0.2258 | 0.4210 | 16283.2972 | 0.0000 | 0.1118 |
| 44 | 0.3281 | 0.0499 | 6.5805 | 0.0000 | 0.2304 | 0.4258 | 16296.2703 | 0.0000 | 0.1120 |
| 45 | 0.3291 | 0.0501 | 6.5740 | 0.0000 | 0.2310 | 0.4272 | 16290.8863 | 0.0000 | 0.1129 |
| 46 | 0.3179 | 0.0487 | 6.5303 | 0.0000 | 0.2225 | 0.4133 | 13999.9303 | 0.0000 | 0.1066 |
| 47 | 0.3173 | 0.0361 | 8.7937 | 0.0000 | 0.2466 | 0.3880 | 5469.3234 | 0.0000 | 0.0576 |

| | I2 | H2 |
|---|---|---|
| 1 | 99.7238 | 362.0542 |
| 2 | 99.7238 | 362.0907 |
| 3 | 99.7238 | 362.0237 |
| 4 | 99.7239 | 362.1387 |
| 5 | 99.7223 | 360.0465 |
| 6 | 99.7238 | 362.0927 |
| 7 | 99.7233 | 361.4432 |
| 8 | 99.7238 | 362.0504 |
| 9 | 99.7234 | 361.4980 |
| 10 | 99.7220 | 359.7095 |
| 11 | 99.7239 | 362.1404 |
| 12 | 99.7238 | 362.0050 |
| 13 | 99.7239 | 362.1423 |
| 14 | 99.7231 | 361.1601 |
| 15 | 99.7238 | 362.1085 |
| 16 | 99.7239 | 362.1400 |
| 17 | 99.7236 | 361.7908 |
| 18 | 99.7237 | 361.9275 |
| 19 | 99.7238 | 362.0522 |
| 20 | 99.7238 | 362.0280 |
| 21 | 99.7239 | 362.1410 |
| 22 | 99.7238 | 362.0507 |
| 23 | 99.7238 | 362.1217 |
| 24 | 99.1319 | 115.2002 |
| 25 | 99.7237 | 361.9368 |
| 26 | 99.7238 | 362.1194 |
| 27 | 99.7234 | 361.5531 |
| 28 | 99.7239 | 362.1379 |
| 29 | 99.7239 | 362.1324 |
| 30 | 99.7238 | 362.0793 |
| 31 | 99.7239 | 362.1338 |
| 32 | 99.7235 | 361.6124 |
| 33 | 99.7237 | 361.8705 |
| 34 | 99.7239 | 362.1300 |
| 35 | 99.7238 | 362.0257 |
| 36 | 99.7238 | 362.1191 |
| 37 | 99.7237 | 361.9179 |
| 38 | 99.7239 | 362.1229 |
| 39 | 99.7238 | 362.0040 |
| 40 | 99.7239 | 362.1338 |
| 41 | 99.7238 | 362.1065 |
| 42 | 99.7238 | 362.0106 |
| 43 | 99.7236 | 361.8510 |
| 44 | 99.7239 | 362.1393 |
| 45 | 99.7238 | 362.0197 |
| 46 | 99.6786 | 311.1096 |
| 47 | 99.1772 | 121.5405 |

1-2cm

```
rstudent  dffits cook.d  cov.r tau2.del    QE.del    hat weight    dfbs
1   -0.0024 -0.0007 0.0000 1.1443   0.1652 6292.3141 0.0778 7.7794 -0.0007
2    0.2049  0.0590 0.0035 1.0936   0.1579 6299.6025 0.0765 7.6528  0.0590
3   -0.3412 -0.0988 0.0100 1.1100   0.1602 6310.4223 0.0773 7.7349 -0.0988
4    0.0720  0.0206 0.0004 1.0880   0.1573 6307.3667 0.0753 7.5329  0.0206
5   -0.0592 -0.0170 0.0003 1.0929   0.1579 6308.6725 0.0763 7.6253 -0.0170
6   -0.1545 -0.0438 0.0019 1.0855   0.1571 6310.3779 0.0743 7.4326 -0.0438
7   -0.0917 -0.0265 0.0007 1.1033   0.1593 6307.8732 0.0771 7.7124 -0.0265
8   -1.2193 -0.3652 0.0508 0.4241   0.0596  800.7390 0.0781 7.8119 -0.3609
9   -0.6697 -0.1940 0.0385 1.1106   0.1603 6295.1433 0.0774 7.7429 -0.1940
10  -0.3059 -0.0887 0.0081 1.1203   0.1617 6310.6489 0.0776 7.7559 -0.0887
11   0.4432  0.1273 0.0163 1.0892   0.1574 6291.1316 0.0761 7.6140  0.1272
12   0.7043  0.2047 0.0436 1.1282   0.1628 5882.4233 0.0780 7.7950  0.2048
13   1.4112  0.4173 0.0795 0.5047   0.0714 1082.9778 0.0781 7.8101  0.4137
   inf
1
2
3
4
5
6
7
8
9
10
11
12
13
```

| | estimate | se | zval | pval | ci.lb | ci.ub | Q | Qp | tau2 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.4605 | 0.1182 | 3.8944 | 0.0001 | 0.2287 | 0.6922 | 6292.3141 | 0.0000 | 0.1652 |
| 2 | 0.4538 | 0.1156 | 3.9264 | 0.0001 | 0.2273 | 0.6804 | 6299.6025 | 0.0000 | 0.1579 |
| 3 | 0.4714 | 0.1165 | 4.0483 | 0.0001 | 0.2432 | 0.6997 | 6310.4223 | 0.0000 | 0.1602 |
| 4 | 0.4581 | 0.1153 | 3.9734 | 0.0001 | 0.2321 | 0.6841 | 6307.3667 | 0.0000 | 0.1573 |
| 5 | 0.4623 | 0.1156 | 4.0006 | 0.0001 | 0.2358 | 0.6888 | 6308.6725 | 0.0000 | 0.1579 |
| 6 | 0.4653 | 0.1152 | 4.0400 | 0.0001 | 0.2395 | 0.6910 | 6310.3779 | 0.0000 | 0.1571 |
| 7 | 0.4634 | 0.1161 | 3.9909 | 0.0001 | 0.2358 | 0.6909 | 6307.8732 | 0.0000 | 0.1593 |
| 8 | 0.4853 | 0.0720 | 6.7419 | 0.0000 | 0.3442 | 0.6264 | 800.7390 | 0.0000 | 0.0596 |
| 9 | 0.4821 | 0.1165 | 4.1388 | 0.0000 | 0.2538 | 0.7104 | 6295.1433 | 0.0000 | 0.1603 |
| 10 | 0.4704 | 0.1170 | 4.0204 | 0.0001 | 0.2411 | 0.6997 | 6310.6489 | 0.0000 | 0.1617 |
| 11 | 0.4463 | 0.1154 | 3.8688 | 0.0001 | 0.2202 | 0.6724 | 6291.1316 | 0.0000 | 0.1574 |
| 12 | 0.4373 | 0.1174 | 3.7248 | 0.0002 | 0.2072 | 0.6674 | 5882.4233 | 0.0000 | 0.1628 |
| 13 | 0.4292 | 0.0785 | 5.4663 | 0.0000 | 0.2753 | 0.5831 | 1082.9778 | 0.0000 | 0.0714 |

| | I2 | H2 |
|---|---|---|
| 1 | 99.8252 | 572.0286 |
| 2 | 99.8254 | 572.6911 |
| 3 | 99.8257 | 573.6748 |
| 4 | 99.8256 | 573.3970 |
| 5 | 99.8256 | 573.5157 |
| 6 | 99.8257 | 573.6707 |
| 7 | 99.8256 | 573.4430 |
| 8 | 98.6263 | 72.7945 |
| 9 | 99.8253 | 572.2858 |
| 10 | 99.8257 | 573.6954 |
| 11 | 99.8252 | 571.9211 |
| 12 | 99.8130 | 534.7658 |
| 13 | 98.9843 | 98.4525 |

2-4cm

```
rstudent  dffits cook.d  cov.r tau2.del    QE.del    hat weight    dfbs
1    0.0903  0.0279 0.0008 1.1090   0.1184 1032.4457 0.0876 8.7615  0.0279
2    0.9740  0.2821 0.0795 1.0834   0.1168 1026.5953 0.0774 7.7407  0.2821
3   -0.4093 -0.1312 0.0177 1.1335   0.1204 1034.4956 0.0930 9.3030 -0.1312
4   -0.8595 -0.2990 0.0490 0.6469   0.0641  172.4660 0.0986 9.8574 -0.2909
5   -0.6921 -0.2248 0.0532 1.1623   0.1233 1032.1467 0.0956 9.5578 -0.2250
6    0.0660  0.0211 0.0005 1.1661   0.1237 1025.9626 0.0960 9.5986  0.0211
7   -0.9615 -0.2941 0.0873 1.1037   0.1180 1032.3283 0.0854 8.5442 -0.2940
8    0.0145  0.0042 0.0000 1.0944   0.1177 1033.7075 0.0799 7.9856  0.0042
9   -0.4478 -0.1419 0.0205 1.1225   0.1194 1034.4825 0.0910 9.1032 -0.1419
10   1.0179  0.3342 0.1102 1.0937   0.1153  906.2757 0.0971 9.7131  0.3341
11   1.4630  0.5176 0.1363 0.6044   0.0593  191.3488 0.0983 9.8349  0.5019
   inf
1
2
3
4
5
6
7
8
9
10
11
```

| | estimate | se | zval | pval | ci.lb | ci.ub | Q | Qp | tau2 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.4361 | 0.1130 | 3.8579 | 0.0001 | 0.2146 | 0.6577 | 1032.4457 | 0.0000 | 0.1184 |
| 2 | 0.4089 | 0.1117 | 3.6593 | 0.0003 | 0.1899 | 0.6278 | 1026.5953 | 0.0000 | 0.1168 |
| 3 | 0.4534 | 0.1143 | 3.9674 | 0.0001 | 0.2294 | 0.6774 | 1034.4956 | 0.0000 | 0.1204 |
| 4 | 0.4629 | 0.0863 | 5.3614 | 0.0000 | 0.2937 | 0.6321 | 172.4660 | 0.0000 | 0.0641 |
| 5 | 0.4639 | 0.1157 | 4.0086 | 0.0001 | 0.2371 | 0.6907 | 1032.1467 | 0.0000 | 0.1233 |
| 6 | 0.4368 | 0.1159 | 3.7682 | 0.0002 | 0.2096 | 0.6640 | 1025.9626 | 0.0000 | 0.1237 |
| 7 | 0.4708 | 0.1128 | 4.1752 | 0.0000 | 0.2498 | 0.6919 | 1032.3283 | 0.0000 | 0.1180 |
| 8 | 0.4387 | 0.1123 | 3.9063 | 0.0001 | 0.2186 | 0.6588 | 1033.7075 | 0.0000 | 0.1177 |
| 9 | 0.4545 | 0.1137 | 3.9964 | 0.0001 | 0.2316 | 0.6774 | 1034.4825 | 0.0000 | 0.1194 |
| 10 | 0.4035 | 0.1123 | 3.5941 | 0.0003 | 0.1835 | 0.6235 | 906.2757 | 0.0000 | 0.1153 |
| 11 | 0.3995 | 0.0835 | 4.7872 | 0.0000 | 0.2359 | 0.5631 | 191.3488 | 0.0000 | 0.0593 |

| | I2 | H2 |
|---|---|---|
| 1 | 99.1283 | 114.7162 |
| 2 | 99.1233 | 114.0661 |
| 3 | 99.1300 | 114.9440 |
| 4 | 94.7816 | 19.1629 |
| 5 | 99.1280 | 114.6830 |
| 6 | 99.1228 | 113.9958 |
| 7 | 99.1282 | 114.7031 |
| 8 | 99.1293 | 114.8564 |
| 9 | 99.1300 | 114.9425 |
| 10 | 99.0069 | 100.6973 |
| 11 | 95.2965 | 21.2610 |

Greater than 4cm

```
rstudent  dffits cook.d  cov.r tau2.del  QE.del    hat  weight    dfbs
1   0.4039  0.1652 0.0274 1.1763   0.1236 75.9652 0.1435 14.3452  0.1650
2   1.4345  0.9190 0.4629 0.7656   0.0631 28.0583 0.2359 23.5851  0.8965
3  -2.4747 -1.6358 0.5989 0.4422   0.0273  7.5405 0.2529 25.2907 -1.4251
4  -0.1622 -0.0640 0.0042 1.1756   0.1264 78.2808 0.1253 12.5345 -0.0637
5  -0.0064 -0.0242 0.0010 2.0355   0.2064 55.8292 0.2424 24.2445 -0.0248
  inf
1
2   *
3   *
4
5
```

```
estimate     se   zval   pval  ci.lb  ci.ub       Q     Qp   tau2
1   0.5465 0.1911 2.8603 0.0042 0.1720 0.9210 75.9652 0.0000 0.1236
2   0.4558 0.1541 2.9570 0.0031 0.1537 0.7579 28.0583 0.0000 0.0631
3   0.7120 0.1171 6.0779 0.0000 0.4824 0.9416  7.5405 0.0565 0.0273
4   0.5870 0.1910 3.0734 0.0021 0.2127 0.9614 78.2808 0.0000 0.1264
5   0.5811 0.2513 2.3122 0.0208 0.0885 1.0737 55.8292 0.0000 0.2064
       I2      H2
1 96.0508 25.3217
2 89.3080  9.3528
3 60.2150  2.5135
4 96.1676 26.0936
5 94.6265 18.6097
```