**Table A. Raw values of the original D2, and the modified D2s for the Political dataset.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| label | P1 | P2 | P3 | P4 | splithalf | testretest | rwa | EDemRep | PrfDemRep | eItmDemRep | bat | gat | sat | spf | ep | amp | spd | Past  Vote | Future  Vote |
| D2 | FT | ignore | D | D | .927 | .655 | -.433 | .602 | .638 | .692 | .649 | .698 | 0.619 | .597 | .409 | .451 | .647 | .665 | .516 |
| D2\_ND | FT | ignore | D | D | .924 | .673 | -.437 | .608 | .644 | .693 | .665 | .685 | 0.622 | .594 | .403 | .448 | .64 | .674 | .515 |
| D2\_SW | SW | ignore | D | D | .942 | .653 | -.435 | .607 | .643 | .698 | .659 | .728 | 0.621 | .604 | .419 | .455 | .653 | .688 | .532 |
| D2\_SWND | SW | ignore | D | ND | .943 | .666 | -.44 | .616 | .65 | .70 | .67 | .724 | 0.621 | .601 | .421 | .461 | .649 | .699 | .535 |

*Note*. D = D score IAT formula; ND = No Distinction between practice and test trials when computing the difference between critical blocks; SW = Statistical Winsorizing.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| label | P1 | P2 | P3 | P4 | splithalf | testretest | mrs | ewhtblk | prfWhtBlk | eItmWhtBlk | bat | gat | sat | spf | ep | amp | spd | contact |
| D2 | FT | ignore | D | D | .852 | .386 | .289 | .322 | .32 | .209 | .473 | .477 | .329 | .294 | .302 | .27 | .314 | -.141 |
| D2\_ND | FT | ignore | D | D | .847 | .383 | .286 | .313 | .315 | .21 | .49 | .486 | .327 | .302 | .325 | .269 | .312 | -.133 |
| D2\_SW | SW | ignore | D | D | .891 | .421 | .296 | .327 | .321 | .211 | .482 | .498 | .327 | .286 | .304 | .281 | .322 | -.144 |
| D2\_SWND | SW | ignore | D | ND | .894 | .408 | .297 | .323 | .314 | .209 | .499 | .514 | .339 | .294 | .314 | .284 | .321 | -.13 |

**Table B. Raw values of the original D2, and the modified D2s for the Race dataset.**

*Note*. D = D score IAT formula; ND = No Distinction between practice and test trials when computing the difference between critical blocks; SW = Statistical Winsorizing.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| label | P1 | P2 | P3 | P4 |  | testretest | rsnbrg | eSlfOtr | prfSlfOtr | bat | gat | sat | spf | ep | amp | spd |
| splithalf |
| D2 | FT | ignore | D | D | .802 | .267 | .169 | .129 | .106 | .377 | .286 | .211 | .207 | -.002 | .148 | .144 |
| D2\_ND | FT | ignore | D | D | .793 | .292 | .166 | .138 | .101 | .385 | .295 | .207 | .222 | .001 | .148 | .132 |
| D2\_SW | SW | ignore | D | D | .849 | .26 | .198 | .125 | .106 | .389 | .301 | .203 | .181 | -.006 | .144 | .158 |
| D2\_SWND | SW | ignore | D | ND | .85 | .299 | .199 | .138 | .112 | .406 | .317 | .203 | .202 | .01 | .144 | .158 |

**Table C. Raw values of the original D2, and the modified D2s for the Self-esteem dataset**

*Note*. D = D score IAT formula; ND = No Distinction between practice and test trials when computing the difference between critical blocks; SW = Statistical Winsorizing.

**Table D. Raw values of the original D5, and D6 and the modified D5s and D6s for the three no built-in datasets.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| label | P1 | P2 | P3 | P4 | splithalffs | attfs | srbfs | choice | splithalfdf | splithalfm | sciat | attdf1 | attdf2 | srbdf | rpct | explhon | ticket |
| D5 | FT | Rec2SD | D | D | .891 | .08 | .119 | .243 | .842 | .646 | .049 | .254 | .246 | .387 | .175 | -.09 | -.218 |
| D5\_ND | FT | Rec2SD | D | ND | .884 | .082 | .127 | .239 | .86 | .631 | .111 | .257 | .233 | .439 | .171 | -.125 | -.248 |
| D5\_SW | SW | Rec2SD | D | D | .907 | .089 | .119 | .238 | .837 | .648 | .038 | .26 | .251 | .406 | .159 | -.083 | -.217 |
| D5\_SWND | SW | Rec2SD | D | ND | .924 | .09 | .129 | .224 | .878 | .669 | .115 | .267 | .244 | .444 | .157 | -.137 | -.244 |
| D6 | FT | Rec600 | D | D | .902 | .085 | .129 | .248 | .792 | .691 | .09 | .255 | .244 | .406 | .181 | -.077 | -.214 |
| D6\_ND | FT | Rec600 | D | ND | .906 | .09 | .137 | .243 | .832 | .712 | .142 | .264 | .247 | .446 | .162 | -.105 | -.248 |
| D6\_SW | SW | Rec600 | D | D | .914 | .095 | .134 | .244 | .758 | .697 | .084 | .264 | .257 | .422 | .165 | -.063 | -.178 |
| D6\_SWND | SW | Rec600 | D | ND | .935 | .10 | .146 | .233 | .802 | .766 | .15 | .273 | .265 | .45 | .152 | -.097 | -.205 |

*Note*. D = D score IAT formula; ND = No Distinction between practice and test trials when computing the difference between critical blocks; SW = Statistical Winsorizing.