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| **Table 3: F15-1 Sad\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| Junior | -0.116 | -0.128 | -0.128 |  | -0.181 | -0.199\* | -0.198\* | -0.279 | -0.316 | -0.327 |
|  | (0.0815) | (0.0809) | (0.0806) |  | (0.116) | (0.116) | (0.115) | (0.230) | (0.233) | (0.233) |
| Senior | -0.119 | -0.135 | -0.138\* |  | -0.131 | -0.150 | -0.153 | -0.289 | -0.333 | -0.341 |
|  | (0.0831) | (0.0831) | (0.0829) |  | (0.117) | (0.118) | (0.117) | (0.237) | (0.239) | (0.238) |
| Techhigh | -0.180\*\* | -0.194\*\* | -0.199\*\* |  | -0.215\* | -0.221\* | -0.225\* | -0.407\* | -0.438\* | -0.443\* |
|  | (0.0843) | (0.0851) | (0.0850) |  | (0.119) | (0.121) | (0.120) | (0.227) | (0.234) | (0.233) |
| College | -0.133 | -0.0974 | -0.104 |  | -0.220\* | -0.165 | -0.176 | 0.0578 | 0.0560 | 0.0578 |
|  | (0.0853) | (0.0866) | (0.0865) |  | (0.120) | (0.122) | (0.122) | (0.113) | (0.114) | (0.114) |
| Undergraduate and above | -0.202\*\* | -0.152 | -0.161\* |  | -0.335\*\*\* | -0.265\*\* | -0.277\*\* | -0.538\*\* | -0.590\*\* | -0.603\*\* |
|  | (0.0932) | (0.0962) | (0.0962) |  | (0.128) | (0.134) | (0.133) | (0.261) | (0.265) | (0.265) |
| Age/10 | 0.0796 | 0.363\*\* | 0.356\*\* |  | 0.160 | 0.476\*\* | 0.460\*\* |  |  |  |
|  | (0.128) | (0.145) | (0.145) |  | (0.181) | (0.209) | (0.208) |  |  |  |
| Age2/100 | -0.0204 | -0.0537\*\*\* | -0.0533\*\*\* |  | -0.0358 | -0.0717\*\*\* | -0.0705\*\*\* |  |  |  |
|  | (0.0173) | (0.0186) | (0.0186) |  | (0.0241) | (0.0265) | (0.0263) |  |  |  |
| Male | -0.142\*\*\* | -0.133\*\*\* | -0.131\*\*\* |  | -0.158\*\*\* | -0.148\*\*\* | -0.144\*\*\* |  |  |  |
|  | (0.0363) | (0.0366) | (0.0365) |  | (0.0518) | (0.0530) | (0.0529) |  |  |  |
| Birth Weight | -0.00685 | 0.00319 | 0.00333 |  | 0.0287 | 0.0410 | 0.0402 | 0.0590 | 0.0441 | 0.0443 |
|  | (0.0279) | (0.0272) | (0.0272) |  | (0.0386) | (0.0373) | (0.0373) | (0.0720) | (0.0713) | (0.0708) |
| Early Disease | 0.184 | 0.125 | 0.125 |  | 0.0351 | 0.0102 | 0.0113 | 0.116 | 0.138 | 0.129 |
|  | (0.150) | (0.143) | (0.144) |  | (0.228) | (0.223) | (0.223) | (0.228) | (0.231) | (0.228) |
| Log(Income) |  | -0.0554\*\* | -0.0491\* |  |  | -0.0656 | -0.0559 |  | 6.00e-05 | -0.00773 |
|  |  | (0.0275) | (0.0282) |  |  | (0.0417) | (0.0428) |  | (0.0577) | (0.0588) |
| Married |  | -0.253\*\*\* | -0.252\*\*\* |  |  | -0.287\*\*\* | -0.283\*\*\* |  | -0.203\*\* | -0.210\*\* |
|  |  | (0.0472) | (0.0473) |  |  | (0.0721) | (0.0718) |  | (0.0890) | (0.0892) |
| Health |  | -0.131\*\*\* | -0.131\*\*\* |  |  | -0.125\*\*\* | -0.123\*\*\* |  | -0.0720 | -0.0729 |
|  |  | (0.0235) | (0.0234) |  |  | (0.0322) | (0.0322) |  | (0.0445) | (0.0445) |
| Working overtime |  |  | -0.0439 |  |  |  | -0.0729 |  |  | 0.0650 |
|  |  |  | (0.0353) |  |  |  | (0.0508) |  |  | (0.0707) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.016 | 0.047 | 0.048 |  | 0.033 | 0.064 | 0.066 | 0.006 | 0.017 | 0.018 |
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| **Table 3: F15-2 Scared\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| Junior | -0.0145 | -0.0233 | -0.0233 |  | -0.0839 | -0.110 | -0.110 | -0.0612 | -0.0843 | -0.114 |
|  | (0.0710) | (0.0709) | (0.0708) |  | (0.105) | (0.104) | (0.104) | (0.197) | (0.197) | (0.198) |
| Senior | -0.0169 | -0.0286 | -0.0301 |  | 0.0133 | -0.0151 | -0.0155 | -0.0999 | -0.126 | -0.152 |
|  | (0.0714) | (0.0720) | (0.0719) |  | (0.106) | (0.106) | (0.106) | (0.206) | (0.205) | (0.206) |
| Techhigh | -0.0410 | -0.0513 | -0.0538 |  | -0.00715 | -0.0331 | -0.0336 | -0.131 | -0.151 | -0.165 |
|  | (0.0746) | (0.0758) | (0.0759) |  | (0.111) | (0.112) | (0.112) | (0.197) | (0.197) | (0.196) |
| College | -0.0169 | -0.0110 | -0.0144 |  | -0.0824 | -0.0929 | -0.0942 | -0.0827 | -0.0827 | -0.0775 |
|  | (0.0752) | (0.0769) | (0.0770) |  | (0.110) | (0.111) | (0.112) | (0.108) | (0.108) | (0.107) |
| Undergraduate and above | -0.0121 | -0.00598 | -0.0107 |  | -0.131 | -0.147 | -0.148 | -0.283 | -0.312 | -0.352 |
|  | (0.0876) | (0.0907) | (0.0908) |  | (0.120) | (0.125) | (0.125) | (0.222) | (0.223) | (0.221) |
| Age/10 | -0.231\* | -0.179 | -0.183 |  | -0.132 | -0.0692 | -0.0710 |  |  |  |
|  | (0.130) | (0.141) | (0.141) |  | (0.188) | (0.204) | (0.205) |  |  |  |
| Age2/100 | 0.0187 | 0.0114 | 0.0115 |  | 0.00248 | -0.00609 | -0.00596 |  |  |  |
|  | (0.0172) | (0.0181) | (0.0181) |  | (0.0245) | (0.0258) | (0.0259) |  |  |  |
| Male | -0.0133 | -0.00535 | -0.00449 |  | -0.0258 | -0.0234 | -0.0230 |  |  |  |
|  | (0.0349) | (0.0355) | (0.0354) |  | (0.0501) | (0.0513) | (0.0513) |  |  |  |
| Birth Weight | -0.00338 | 0.00194 | 0.00201 |  | 0.0175 | 0.0244 | 0.0243 | 0.0943 | 0.0927 | 0.0933 |
|  | (0.0285) | (0.0282) | (0.0282) |  | (0.0400) | (0.0396) | (0.0397) | (0.0655) | (0.0651) | (0.0639) |
| Early Disease | 0.196 | 0.162 | 0.162 |  | -0.0123 | -0.0266 | -0.0265 | -0.157 | -0.160 | -0.189 |
|  | (0.125) | (0.124) | (0.124) |  | (0.182) | (0.177) | (0.177) | (0.281) | (0.278) | (0.260) |
| Log(Income) |  | -0.00779 | -0.00465 |  |  | 0.00838 | 0.00947 |  | 0.00115 | -0.0217 |
|  |  | (0.0254) | (0.0258) |  |  | (0.0373) | (0.0377) |  | (0.0444) | (0.0446) |
| Married |  | -0.0659 | -0.0653 |  |  | -0.0766 | -0.0761 |  | -0.0592 | -0.0805 |
|  |  | (0.0435) | (0.0435) |  |  | (0.0615) | (0.0616) |  | (0.0620) | (0.0607) |
| Health |  | -0.0853\*\*\* | -0.0852\*\*\* |  |  | -0.0910\*\*\* | -0.0909\*\*\* |  | -0.0578 | -0.0605 |
|  |  | (0.0218) | (0.0218) |  |  | (0.0297) | (0.0297) |  | (0.0375) | (0.0376) |
| Working overtime |  |  | -0.0219 |  |  |  | -0.00818 |  |  | 0.191\*\*\* |
|  |  |  | (0.0336) |  |  |  | (0.0495) |  |  | (0.0588) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.016 | 0.047 | 0.048 |  | 0.033 | 0.064 | 0.066 | 0.006 | 0.017 | 0.018 |
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| **Table 3: F15-3 Happiness\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| Junior | 0.147\*\* | 0.145\*\* | 0.145\*\* |  | 0.176\* | 0.191\*\* | 0.192\*\* | -0.0613 | 0.00185 | 0.0115 |
|  | (0.0668) | (0.0645) | (0.0647) |  | (0.0931) | (0.0928) | (0.0933) | (0.261) | (0.262) | (0.263) |
| Senior | 0.177\*\*\* | 0.169\*\* | 0.167\*\* |  | 0.139 | 0.133 | 0.130 | -0.0988 | -0.0457 | -0.0374 |
|  | (0.0680) | (0.0659) | (0.0661) |  | (0.0934) | (0.0932) | (0.0937) | (0.276) | (0.277) | (0.277) |
| Techhigh | 0.186\*\*\* | 0.168\*\* | 0.163\*\* |  | 0.173\* | 0.154 | 0.151 | -0.168 | -0.136 | -0.132 |
|  | (0.0710) | (0.0688) | (0.0690) |  | (0.0960) | (0.0949) | (0.0955) | (0.262) | (0.263) | (0.263) |
| College | 0.326\*\*\* | 0.251\*\*\* | 0.245\*\*\* |  | 0.377\*\*\* | 0.300\*\*\* | 0.292\*\*\* | 0.143 | 0.132 | 0.130 |
|  | (0.0717) | (0.0716) | (0.0718) |  | (0.0934) | (0.0968) | (0.0975) | (0.105) | (0.101) | (0.100) |
| Undergraduate and above | 0.274\*\*\* | 0.175\*\* | 0.167\*\* |  | 0.327\*\*\* | 0.239\*\* | 0.230\*\* | -0.153 | -0.106 | -0.0926 |
|  | (0.0802) | (0.0812) | (0.0815) |  | (0.105) | (0.109) | (0.110) | (0.288) | (0.290) | (0.290) |
| Age/10 | -0.163 | -0.328\*\* | -0.334\*\*\* |  | -0.247 | -0.301\* | -0.313\* |  |  |  |
|  | (0.117) | (0.128) | (0.128) |  | (0.154) | (0.174) | (0.174) |  |  |  |
| Age2/100 | 0.0187 | 0.0385\*\* | 0.0388\*\* |  | 0.0315 | 0.0387\* | 0.0396\* |  |  |  |
|  | (0.0160) | (0.0167) | (0.0167) |  | (0.0209) | (0.0224) | (0.0225) |  |  |  |
| Male | -0.110\*\*\* | -0.133\*\*\* | -0.132\*\*\* |  | -0.102\*\* | -0.135\*\*\* | -0.133\*\*\* |  |  |  |
|  | (0.0312) | (0.0316) | (0.0316) |  | (0.0425) | (0.0431) | (0.0430) |  |  |  |
| Birth Weight | -0.000494 | -0.0134 | -0.0133 |  | 0.0305 | 0.0136 | 0.0130 | 0.0110 | -0.00449 | -0.00466 |
|  | (0.0267) | (0.0262) | (0.0262) |  | (0.0352) | (0.0331) | (0.0330) | (0.0719) | (0.0679) | (0.0676) |
| Early Disease | 0.108 | 0.177\* | 0.176\* |  | 0.165 | 0.216 | 0.216 | -0.00048 | 0.0384 | 0.0475 |
|  | (0.101) | (0.0940) | (0.0943) |  | (0.139) | (0.139) | (0.139) | (0.232) | (0.241) | (0.240) |
| Log(Income) |  | 0.100\*\*\* | 0.106\*\*\* |  |  | 0.0978\*\*\* | 0.105\*\*\* |  | 0.0941\* | 0.101\*\* |
|  |  | (0.0224) | (0.0227) |  |  | (0.0303) | (0.0308) |  | (0.0482) | (0.0479) |
| Married |  | 0.146\*\*\* | 0.147\*\*\* |  |  | 0.0737 | 0.0770 |  | 0.0979 | 0.105 |
|  |  | (0.0416) | (0.0417) |  |  | (0.0601) | (0.0600) |  | (0.0719) | (0.0728) |
| Health |  | 0.110\*\*\* | 0.110\*\*\* |  |  | 0.118\*\*\* | 0.119\*\*\* |  | 0.137\*\*\* | 0.137\*\*\* |
|  |  | (0.0201) | (0.0201) |  |  | (0.0283) | (0.0283) |  | (0.0374) | (0.0374) |
| Working overtime |  |  | -0.0376 |  |  |  | -0.0551 |  |  | -0.0613 |
|  |  |  | (0.0304) |  |  |  | (0.0411) |  |  | (0.0557) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.016 | 0.047 | 0.048 |  | 0.033 | 0.064 | 0.066 | 0.006 | 0.017 | 0.018 |
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| **Table 3: F15-4 Angry\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| Junior | -0.0362 | -0.0492 | -0.0493 |  | -0.0903 | -0.126 | -0.126 | -0.00536 | -0.0448 | -0.0480 |
|  | (0.0827) | (0.0831) | (0.0830) |  | (0.124) | (0.125) | (0.125) | (0.193) | (0.199) | (0.200) |
| Senior | -0.0458 | -0.0648 | -0.0665 |  | -0.0579 | -0.0912 | -0.0910 | -0.116 | -0.164 | -0.166 |
|  | (0.0831) | (0.0842) | (0.0841) |  | (0.120) | (0.123) | (0.123) | (0.183) | (0.192) | (0.193) |
| Techhigh | -0.0673 | -0.0865 | -0.0894 |  | -0.0458 | -0.0771 | -0.0770 | -0.120 | -0.159 | -0.160 |
|  | (0.0858) | (0.0875) | (0.0874) |  | (0.126) | (0.130) | (0.130) | (0.190) | (0.203) | (0.202) |
| College | -0.0438 | -0.0598 | -0.0637 |  | -0.148 | -0.165 | -0.164 | -0.0182 | -0.0198 | -0.0192 |
|  | (0.0877) | (0.0907) | (0.0908) |  | (0.127) | (0.134) | (0.134) | (0.0924) | (0.0930) | (0.0935) |
| Undergraduate and above | -0.0788 | -0.104 | -0.109 |  | -0.145 | -0.171 | -0.170 | 0.0311 | -0.0220 | -0.0263 |
|  | (0.0905) | (0.0951) | (0.0951) |  | (0.130) | (0.139) | (0.139) | (0.217) | (0.228) | (0.229) |
| Age/10 | 0.104 | 0.0835 | 0.0793 |  | 0.202 | 0.198 | 0.198 |  |  |  |
|  | (0.131) | (0.144) | (0.144) |  | (0.190) | (0.208) | (0.209) |  |  |  |
| Age2/100 | -0.0230 | -0.0227 | -0.0225 |  | -0.0370 | -0.0388 | -0.0389 |  |  |  |
|  | (0.0179) | (0.0190) | (0.0190) |  | (0.0259) | (0.0274) | (0.0275) |  |  |  |
| Male | 0.0658\* | 0.0727\*\* | 0.0737\*\* |  | 0.0683 | 0.0759 | 0.0758 |  |  |  |
|  | (0.0356) | (0.0360) | (0.0360) |  | (0.0518) | (0.0529) | (0.0529) |  |  |  |
| Birth Weight | -0.00202 | 0.00207 | 0.00215 |  | 0.0683\* | 0.0780\*\* | 0.0780\* | 0.212\*\* | 0.214\*\* | 0.214\*\* |
|  | (0.0299) | (0.0294) | (0.0294) |  | (0.0412) | (0.0397) | (0.0397) | (0.105) | (0.106) | (0.106) |
| Early Disease | 0.111 | 0.0800 | 0.0798 |  | -0.212 | -0.236 | -0.236 | -0.353 | -0.375\* | -0.378\* |
|  | (0.144) | (0.141) | (0.141) |  | (0.203) | (0.195) | (0.195) | (0.217) | (0.206) | (0.208) |
| Log(Income) |  | 0.0241 | 0.0276 |  |  | 0.0119 | 0.0115 |  | 0.0279 | 0.0254 |
|  |  | (0.0249) | (0.0254) |  |  | (0.0362) | (0.0369) |  | (0.0525) | (0.0533) |
| Married |  | -0.0169 | -0.0162 |  |  | -0.0301 | -0.0303 |  | -0.0304 | -0.0327 |
|  |  | (0.0434) | (0.0433) |  |  | (0.0615) | (0.0613) |  | (0.0749) | (0.0755) |
| Health |  | -0.0960\*\*\* | -0.0959\*\*\* |  |  | -0.116\*\*\* | -0.116\*\*\* |  | -0.122\*\*\* | -0.122\*\*\* |
|  |  | (0.0224) | (0.0224) |  |  | (0.0332) | (0.0332) |  | (0.0453) | (0.0454) |
| Working overtime |  |  | -0.0249 |  |  |  | 0.00325 |  |  | 0.0203 |
|  |  |  | (0.0336) |  |  |  | (0.0479) |  |  | (0.0631) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.016 | 0.047 | 0.048 |  | 0.033 | 0.064 | 0.066 | 0.006 | 0.017 | 0.018 |
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| **Table 3: F15-5 Hateful\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| Junior | -0.00770 | -0.0260 | -0.0261 |  | -0.00118 | -0.0453 | -0.0453 | 0.0440 | -0.0117 | -0.0121 |
|  | (0.0759) | (0.0756) | (0.0755) |  | (0.109) | (0.109) | (0.110) | (0.261) | (0.265) | (0.267) |
| Senior | 0.00707 | -0.0197 | -0.0221 |  | 0.121 | 0.0695 | 0.0695 | -0.0499 | -0.112 | -0.112 |
|  | (0.0790) | (0.0793) | (0.0793) |  | (0.111) | (0.113) | (0.113) | (0.265) | (0.269) | (0.271) |
| Techhigh | -0.0678 | -0.0955 | -0.0997 |  | 0.00195 | -0.0442 | -0.0442 | -0.147 | -0.192 | -0.192 |
|  | (0.0803) | (0.0815) | (0.0814) |  | (0.114) | (0.117) | (0.117) | (0.273) | (0.281) | (0.282) |
| College | 0.0344 | 0.0327 | 0.0271 |  | 0.0599 | 0.0442 | 0.0442 | 0.119 | 0.119 | 0.119 |
|  | (0.0816) | (0.0829) | (0.0830) |  | (0.114) | (0.117) | (0.117) | (0.123) | (0.121) | (0.121) |
| Undergraduate and above | 0.0166 | 0.0144 | 0.00668 |  | -0.0461 | -0.0678 | -0.0678 |  |  |  |
|  | (0.0872) | (0.0906) | (0.0907) |  | (0.119) | (0.126) | (0.125) |  |  |  |
| Age/10 | -0.0837 | 0.0829 | 0.0769 |  | 0.0443 | 0.222 | 0.222 |  |  |  |
|  | (0.132) | (0.146) | (0.146) |  | (0.185) | (0.211) | (0.211) |  |  |  |
| Age2/100 | -0.00291 | -0.0236 | -0.0234 |  | -0.0200 | -0.0422 | -0.0422 |  |  |  |
|  | (0.0178) | (0.0190) | (0.0190) |  | (0.0246) | (0.0270) | (0.0270) |  |  |  |
| Male | 0.0936\*\* | 0.0993\*\*\* | 0.101\*\*\* |  | 0.0948\* | 0.0952\* | 0.0952\* | -0.330 | -0.399 | -0.399 |
|  | (0.0366) | (0.0367) | (0.0367) |  | (0.0518) | (0.0525) | (0.0526) | (0.299) | (0.306) | (0.308) |
| Birth Weight | 0.000388 | 0.00765 | 0.00777 |  | 0.0307 | 0.0419 | 0.0419 | 0.0308 | 0.0222 | 0.0222 |
|  | (0.0300) | (0.0295) | (0.0296) |  | (0.0428) | (0.0424) | (0.0424) | (0.0696) | (0.0713) | (0.0714) |
| Early Disease | 0.164 | 0.115 | 0.115 |  | -0.149 | -0.169 | -0.169 | -0.283 | -0.280 | -0.280 |
|  | (0.152) | (0.146) | (0.146) |  | (0.220) | (0.211) | (0.211) | (0.294) | (0.282) | (0.282) |
| Log(Income) |  | -0.00238 | 0.00277 |  |  | 0.0132 | 0.0133 |  | -0.00608 | -0.00639 |
|  |  | (0.0250) | (0.0255) |  |  | (0.0363) | (0.0368) |  | (0.0560) | (0.0566) |
| Married |  | -0.172\*\*\* | -0.171\*\*\* |  |  | -0.187\*\*\* | -0.187\*\*\* |  | -0.192\*\* | -0.192\*\* |
|  |  | (0.0457) | (0.0457) |  |  | (0.0698) | (0.0699) |  | (0.0869) | (0.0869) |
| Health |  | -0.137\*\*\* | -0.137\*\*\* |  |  | -0.157\*\*\* | -0.157\*\*\* |  | -0.126\*\*\* | -0.126\*\*\* |
|  |  | (0.0225) | (0.0225) |  |  | (0.0312) | (0.0311) |  | (0.0472) | (0.0471) |
| Working overtime |  |  | -0.0359 |  |  |  | -0.000182 |  |  | 0.00259 |
|  |  |  | (0.0352) |  |  |  | (0.0503) |  |  | (0.0652) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.016 | 0.047 | 0.048 |  | 0.033 | 0.064 | 0.066 | 0.006 | 0.017 | 0.018 |
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| **Table 3: F16-1 Sad\_hide\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| Junior | 0.105 | 0.106 | 0.106 |  | -0.126 | -0.116 | -0.117 | -0.621 | -0.617\* | -0.616\* |
|  | (0.0952) | (0.0942) | (0.0942) |  | (0.136) | (0.135) | (0.135) | (0.377) | (0.373) | (0.373) |
| Senior | 0.00841 | 0.00507 | 0.00631 |  | -0.201 | -0.216 | -0.213 | -0.601 | -0.603\* | -0.602\* |
|  | (0.0946) | (0.0945) | (0.0946) |  | (0.134) | (0.135) | (0.135) | (0.366) | (0.362) | (0.362) |
| Techhigh | 0.0575 | 0.0463 | 0.0484 |  | -0.144 | -0.169 | -0.165 | -0.546 | -0.550 | -0.550 |
|  | (0.101) | (0.101) | (0.101) |  | (0.142) | (0.144) | (0.144) | (0.368) | (0.364) | (0.364) |
| College | -0.0187 | -0.0642 | -0.0613 |  | -0.204 | -0.273\* | -0.264\* | 0.133 | 0.128 | 0.128 |
|  | (0.104) | (0.106) | (0.106) |  | (0.150) | (0.155) | (0.155) | (0.156) | (0.156) | (0.157) |
| Undergraduate and above | 0.131 | 0.0743 | 0.0783 |  | -0.0393 | -0.116 | -0.106 | -0.503 | -0.509 | -0.508 |
|  | (0.122) | (0.125) | (0.126) |  | (0.175) | (0.181) | (0.182) | (0.413) | (0.411) | (0.411) |
| Age/10 | 0.519\*\*\* | 0.466\*\* | 0.469\*\* |  | 0.716\*\*\* | 0.784\*\*\* | 0.798\*\*\* |  |  |  |
|  | (0.170) | (0.185) | (0.185) |  | (0.247) | (0.267) | (0.267) |  |  |  |
| Age2/100 | -0.0623\*\*\* | -0.0549\*\* | -0.0551\*\* |  | -0.085\*\*\* | -0.091\*\*\* | -0.0921\*\*\* |  |  |  |
|  | (0.0227) | (0.0239) | (0.0239) |  | (0.0325) | (0.0341) | (0.0342) |  |  |  |
| Male | 0.0572 | 0.0379 | 0.0371 |  | -0.0699 | -0.106 | -0.109 |  |  |  |
|  | (0.0473) | (0.0481) | (0.0481) |  | (0.0676) | (0.0688) | (0.0687) |  |  |  |
| Birth Weight | 0.0317 | 0.0221 | 0.0220 |  | 0.0388 | 0.0236 | 0.0242 | 0.151\* | 0.144 | 0.144 |
|  | (0.0404) | (0.0402) | (0.0402) |  | (0.0549) | (0.0549) | (0.0549) | (0.0911) | (0.0904) | (0.0905) |
| Early Disease | -0.0409 | 0.0100 | 0.0102 |  | -0.0480 | 0.00277 | 0.00190 | 0.0484 | 0.0592 | 0.0602 |
|  | (0.191) | (0.194) | (0.194) |  | (0.295) | (0.296) | (0.296) | (0.327) | (0.330) | (0.330) |
| Log(Income) |  | 0.0577\* | 0.0550 |  |  | 0.0904\* | 0.0825\* |  | 0.0408 | 0.0416 |
|  |  | (0.0338) | (0.0348) |  |  | (0.0480) | (0.0494) |  | (0.0725) | (0.0741) |
| Married |  | 0.0591 | 0.0586 |  |  | -0.0317 | -0.0353 |  | -0.00708 | -0.00637 |
|  |  | (0.0570) | (0.0570) |  |  | (0.0851) | (0.0850) |  | (0.107) | (0.108) |
| Health |  | 0.0902\*\*\* | 0.0901\*\*\* |  |  | 0.0898\*\* | 0.0888\*\* |  | 0.00139 | 0.00148 |
|  |  | (0.0304) | (0.0304) |  |  | (0.0433) | (0.0433) |  | (0.0644) | (0.0644) |
| Working overtime |  |  | 0.0187 |  |  |  | 0.0591 |  |  | -0.00639 |
|  |  |  | (0.0470) |  |  |  | (0.0685) |  |  | (0.0931) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.016 | 0.047 | 0.048 |  | 0.033 | 0.064 | 0.066 | 0.006 | 0.017 | 0.018 |
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| **Table 3: F16-2 Scared\_hide\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| Junior | 0.0449 | 0.0345 | 0.0346 |  | -0.228 | -0.241\* | -0.243\* | -0.271 | -0.283 | -0.293 |
|  | (0.101) | (0.101) | (0.101) |  | (0.141) | (0.142) | (0.142) | (0.377) | (0.377) | (0.381) |
| Senior | -0.105 | -0.127 | -0.124 |  | -0.358\*\* | -0.399\*\*\* | -0.395\*\*\* | -0.218 | -0.238 | -0.246 |
|  | (0.102) | (0.103) | (0.103) |  | (0.142) | (0.145) | (0.145) | (0.369) | (0.370) | (0.374) |
| Techhigh | -0.0687 | -0.102 | -0.0982 |  | -0.347\*\* | -0.396\*\*\* | -0.390\*\*\* | -0.277 | -0.294 | -0.299 |
|  | (0.108) | (0.109) | (0.109) |  | (0.148) | (0.151) | (0.150) | (0.370) | (0.370) | (0.373) |
| College | -0.0442 | -0.105 | -0.0993 |  | -0.398\*\*\* | -0.480\*\*\* | -0.464\*\*\* | 0.0989 | 0.0949 | 0.0966 |
|  | (0.110) | (0.113) | (0.113) |  | (0.154) | (0.161) | (0.161) | (0.149) | (0.149) | (0.149) |
| Undergraduate and above | 0.0496 | -0.0252 | -0.0180 |  | -0.186 | -0.281 | -0.263 | -0.305 | -0.331 | -0.344 |
|  | (0.128) | (0.133) | (0.134) |  | (0.183) | (0.191) | (0.192) | (0.417) | (0.417) | (0.420) |
| Age/10 | 0.229 | 0.313 | 0.319 |  | 0.691\*\* | 0.811\*\*\* | 0.835\*\*\* |  |  |  |
|  | (0.191) | (0.206) | (0.206) |  | (0.282) | (0.305) | (0.306) |  |  |  |
| Age2/100 | -0.0191 | -0.0275 | -0.0278 |  | -0.0755\*\* | -0.0890\*\* | -0.0907\*\* |  |  |  |
|  | (0.0252) | (0.0265) | (0.0265) |  | (0.0369) | (0.0389) | (0.0389) |  |  |  |
| Male | 0.205\*\*\* | 0.179\*\*\* | 0.178\*\*\* |  | 0.105 | 0.0699 | 0.0649 |  |  |  |
|  | (0.0524) | (0.0534) | (0.0534) |  | (0.0752) | (0.0768) | (0.0769) |  |  |  |
| Birth Weight | 0.0593 | 0.0505 | 0.0504 |  | 0.0462 | 0.0365 | 0.0377 | 0.156 | 0.147 | 0.147 |
|  | (0.0441) | (0.0439) | (0.0439) |  | (0.0615) | (0.0614) | (0.0611) | (0.100) | (0.0993) | (0.0996) |
| Early Disease | -0.155 | -0.115 | -0.115 |  | -0.126 | -0.0867 | -0.0883 | -0.290 | -0.280 | -0.289 |
|  | (0.209) | (0.211) | (0.211) |  | (0.317) | (0.315) | (0.314) | (0.185) | (0.190) | (0.189) |
| Log(Income) |  | 0.0714\* | 0.0666\* |  |  | 0.102\*\* | 0.0881\* |  | 0.0339 | 0.0266 |
|  |  | (0.0366) | (0.0374) |  |  | (0.0503) | (0.0512) |  | (0.0730) | (0.0750) |
| Married |  | -0.0660 | -0.0670 |  |  | -0.0959 | -0.102 |  | -0.0641 | -0.0709 |
|  |  | (0.0616) | (0.0617) |  |  | (0.0910) | (0.0919) |  | (0.0970) | (0.0983) |
| Health |  | 0.0437 | 0.0435 |  |  | 0.0120 | 0.0103 |  | -0.0359 | -0.0367 |
|  |  | (0.0328) | (0.0328) |  |  | (0.0466) | (0.0465) |  | (0.0652) | (0.0650) |
| Working overtime |  |  | 0.0333 |  |  |  | 0.106 |  |  | 0.0610 |
|  |  |  | (0.0516) |  |  |  | (0.0735) |  |  | (0.0867) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.016 | 0.047 | 0.048 |  | 0.033 | 0.064 | 0.066 | 0.006 | 0.017 | 0.018 |
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| **Table 3: F16-3 Happiness\_hide\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| Junior | -0.0709 | -0.0527 | -0.0528 |  | -0.0396 | -0.0170 | -0.0160 | -0.149 | -0.160 | -0.152 |
|  | (0.100) | (0.100) | (0.100) |  | (0.148) | (0.150) | (0.150) | (0.351) | (0.348) | (0.351) |
| Senior | 0.00315 | 0.0348 | 0.0318 |  | 0.0769 | 0.120 | 0.118 | -0.0154 | -0.0120 | -0.00459 |
|  | (0.102) | (0.102) | (0.103) |  | (0.151) | (0.155) | (0.156) | (0.369) | (0.366) | (0.368) |
| Techhigh | -0.153 | -0.112 | -0.117 |  | -0.0579 | -0.0113 | -0.0143 | -0.119 | -0.112 | -0.108 |
|  | (0.108) | (0.110) | (0.110) |  | (0.160) | (0.164) | (0.164) | (0.355) | (0.356) | (0.358) |
| College | -0.175 | -0.119 | -0.127 |  | -0.242 | -0.182 | -0.190 | 0.126 | 0.137 | 0.136 |
|  | (0.110) | (0.114) | (0.114) |  | (0.159) | (0.169) | (0.169) | (0.159) | (0.159) | (0.159) |
| Undergraduate and above | -0.234\* | -0.165 | -0.175 |  | -0.170 | -0.1000 | -0.108 | -0.0933 | -0.0769 | -0.0654 |
|  | (0.125) | (0.131) | (0.132) |  | (0.185) | (0.195) | (0.196) | (0.407) | (0.408) | (0.413) |
| Age/10 | 0.293 | 0.184 | 0.176 |  | 0.134 | 0.0104 | -0.00139 |  |  |  |
|  | (0.189) | (0.207) | (0.208) |  | (0.284) | (0.312) | (0.314) |  |  |  |
| Age2/100 | -0.0336 | -0.0209 | -0.0206 |  | -0.0138 | 0.000808 | 0.00163 |  |  |  |
|  | (0.0252) | (0.0268) | (0.0269) |  | (0.0379) | (0.0403) | (0.0405) |  |  |  |
| Male | 0.0795 | 0.0961\* | 0.0979\* |  | 0.126\* | 0.149\* | 0.151\* |  |  |  |
|  | (0.0524) | (0.0534) | (0.0535) |  | (0.0759) | (0.0782) | (0.0782) |  |  |  |
| Birth Weight | 0.0732\* | 0.0767\* | 0.0768\* |  | 0.132\*\* | 0.135\*\* | 0.134\*\* | 0.116 | 0.142 | 0.142 |
|  | (0.0421) | (0.0420) | (0.0420) |  | (0.0567) | (0.0566) | (0.0567) | (0.109) | (0.108) | (0.108) |
| Early Disease | -0.0744 | -0.0840 | -0.0843 |  | -0.125 | -0.145 | -0.144 | 0.319 | 0.269 | 0.277 |
|  | (0.212) | (0.211) | (0.210) |  | (0.339) | (0.335) | (0.334) | (0.453) | (0.447) | (0.443) |
| Log(Income) |  | -0.0651\* | -0.0583 |  |  | -0.0719 | -0.0650 |  | -0.0829 | -0.0764 |
|  |  | (0.0356) | (0.0364) |  |  | (0.0525) | (0.0535) |  | (0.0700) | (0.0709) |
| Married |  | 0.108\* | 0.109\* |  |  | 0.113 | 0.116 |  | 0.113 | 0.119 |
|  |  | (0.0625) | (0.0625) |  |  | (0.0950) | (0.0952) |  | (0.116) | (0.116) |
| Health |  | 0.0360 | 0.0362 |  |  | 0.0409 | 0.0418 |  | -0.0292 | -0.0284 |
|  |  | (0.0310) | (0.0311) |  |  | (0.0449) | (0.0450) |  | (0.0618) | (0.0621) |
| Working overtime |  |  | -0.0470 |  |  |  | -0.0520 |  |  | -0.0544 |
|  |  |  | (0.0507) |  |  |  | (0.0753) |  |  | (0.101) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.016 | 0.047 | 0.048 |  | 0.033 | 0.064 | 0.066 | 0.006 | 0.017 | 0.018 |
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| **Table 3: F16-4 Angry\_hide\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| Junior | 0.216\*\* | 0.224\*\* | 0.224\*\* |  | 0.194 | 0.211 | 0.209 | -0.0793 | -0.0893 | -0.0668 |
|  | (0.0912) | (0.0916) | (0.0916) |  | (0.135) | (0.137) | (0.136) | (0.322) | (0.320) | (0.320) |
| Senior | 0.143 | 0.154 | 0.155 |  | 0.142 | 0.146 | 0.150 | -0.110 | -0.127 | -0.108 |
|  | (0.0934) | (0.0948) | (0.0948) |  | (0.138) | (0.143) | (0.142) | (0.318) | (0.315) | (0.316) |
| Techhigh | 0.107 | 0.116 | 0.117 |  | 0.0799 | 0.0814 | 0.0862 | -0.104 | -0.118 | -0.108 |
|  | (0.0980) | (0.0994) | (0.0994) |  | (0.144) | (0.148) | (0.148) | (0.327) | (0.324) | (0.325) |
| College | 0.0671 | 0.0706 | 0.0725 |  | -0.00509 | -0.0200 | -0.00722 | 0.0585 | 0.0546 | 0.0507 |
|  | (0.102) | (0.106) | (0.106) |  | (0.149) | (0.160) | (0.159) | (0.179) | (0.179) | (0.178) |
| Undergraduate and above | 0.141 | 0.150 | 0.153 |  | 0.138 | 0.126 | 0.140 | -0.0920 | -0.115 | -0.0851 |
|  | (0.117) | (0.122) | (0.123) |  | (0.175) | (0.186) | (0.187) | (0.366) | (0.365) | (0.367) |
| Age/10 | 0.192 | 0.239 | 0.242 |  | 0.387 | 0.468\* | 0.487\* |  |  |  |
|  | (0.171) | (0.188) | (0.188) |  | (0.251) | (0.273) | (0.273) |  |  |  |
| Age2/100 | -0.0165 | -0.0200 | -0.0201 |  | -0.0402 | -0.0478 | -0.0492 |  |  |  |
|  | (0.0229) | (0.0244) | (0.0244) |  | (0.0334) | (0.0355) | (0.0354) |  |  |  |
| Male | 0.150\*\*\* | 0.139\*\*\* | 0.139\*\*\* |  | 0.132\* | 0.114 | 0.110 |  |  |  |
|  | (0.0464) | (0.0472) | (0.0473) |  | (0.0678) | (0.0699) | (0.0697) |  |  |  |
| Birth Weight | 0.0129 | 0.00827 | 0.00825 |  | 0.0247 | 0.0157 | 0.0166 | 0.0922 | 0.0819 | 0.0815 |
|  | (0.0409) | (0.0410) | (0.0410) |  | (0.0572) | (0.0573) | (0.0570) | (0.0851) | (0.0842) | (0.0838) |
| Early Disease | -0.0921 | -0.0627 | -0.0627 |  | -0.176 | -0.147 | -0.148 | 0.188 | 0.203 | 0.224 |
|  | (0.183) | (0.185) | (0.185) |  | (0.286) | (0.286) | (0.287) | (0.410) | (0.408) | (0.406) |
| Log(Income) |  | -0.00874 | -0.0105 |  |  | 0.0248 | 0.0136 |  | 0.0296 | 0.0467 |
|  |  | (0.0339) | (0.0349) |  |  | (0.0507) | (0.0521) |  | (0.0678) | (0.0677) |
| Married |  | -0.0117 | -0.0121 |  |  | -0.0462 | -0.0513 |  | -0.0754 | -0.0595 |
|  |  | (0.0554) | (0.0554) |  |  | (0.0800) | (0.0804) |  | (0.104) | (0.104) |
| Health |  | 0.0795\*\*\* | 0.0794\*\*\* |  |  | 0.0696 | 0.0682 |  | -0.0250 | -0.0230 |
|  |  | (0.0297) | (0.0297) |  |  | (0.0440) | (0.0439) |  | (0.0630) | (0.0633) |
| Working overtime |  |  | 0.0125 |  |  |  | 0.0839 |  |  | -0.143 |
|  |  |  | (0.0465) |  |  |  | (0.0673) |  |  | (0.0896) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.016 | 0.047 | 0.048 |  | 0.033 | 0.064 | 0.066 | 0.006 | 0.017 | 0.018 |
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| **Table 3: F16-5 Hateful\_hide\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| Junior | 0.0731 | 0.0747 | 0.0751 |  | -0.125 | -0.132 | -0.135 | -0.366 | -0.395 | -0.395 |
|  | (0.0955) | (0.0955) | (0.0955) |  | (0.138) | (0.140) | (0.139) | (0.391) | (0.390) | (0.391) |
| Senior | -0.0185 | -0.0191 | -0.0145 |  | -0.208 | -0.224 | -0.217 | -0.223 | -0.258 | -0.258 |
|  | (0.0967) | (0.0976) | (0.0975) |  | (0.142) | (0.145) | (0.145) | (0.384) | (0.385) | (0.386) |
| Techhigh | 0.0298 | 0.0248 | 0.0325 |  | -0.170 | -0.189 | -0.179 | -0.362 | -0.390 | -0.390 |
|  | (0.103) | (0.104) | (0.104) |  | (0.149) | (0.153) | (0.152) | (0.387) | (0.387) | (0.388) |
| College | -0.0933 | -0.108 | -0.0972 |  | -0.336\*\* | -0.367\*\* | -0.341\*\* | 0.0406 | 0.0391 | 0.0392 |
|  | (0.105) | (0.107) | (0.107) |  | (0.154) | (0.161) | (0.161) | (0.154) | (0.153) | (0.153) |
| Undergraduate and above | 0.0368 | 0.0211 | 0.0355 |  | -0.124 | -0.161 | -0.132 | -0.426 | -0.466 | -0.467 |
|  | (0.119) | (0.124) | (0.125) |  | (0.175) | (0.186) | (0.186) | (0.430) | (0.431) | (0.433) |
| Age/10 | 0.333\* | 0.386\* | 0.397\*\* |  | 0.660\*\* | 0.691\*\* | 0.731\*\* |  |  |  |
|  | (0.183) | (0.200) | (0.200) |  | (0.267) | (0.293) | (0.293) |  |  |  |
| Age2/100 | -0.0336 | -0.0383 | -0.0389 |  | -0.0726\*\* | -0.0763\*\* | -0.0791\*\* |  |  |  |
|  | (0.0244) | (0.0260) | (0.0260) |  | (0.0355) | (0.0378) | (0.0378) |  |  |  |
| Male | 0.125\*\*\* | 0.113\*\* | 0.110\*\* |  | 0.0579 | 0.0457 | 0.0375 |  |  |  |
|  | (0.0483) | (0.0495) | (0.0495) |  | (0.0700) | (0.0727) | (0.0725) |  |  |  |
| Birth Weight | 0.0587 | 0.0539 | 0.0537 |  | 0.0610 | 0.0578 | 0.0597 | 0.114 | 0.115 | 0.115 |
|  | (0.0414) | (0.0415) | (0.0414) |  | (0.0543) | (0.0547) | (0.0541) | (0.0917) | (0.0916) | (0.0917) |
| Early Disease | -0.128 | -0.102 | -0.101 |  | -0.211 | -0.198 | -0.201 | -0.0203 | -0.0346 | -0.0350 |
|  | (0.200) | (0.201) | (0.202) |  | (0.316) | (0.318) | (0.322) | (0.330) | (0.322) | (0.320) |
| Log(Income) |  | 0.0152 | 0.00583 |  |  | 0.0389 | 0.0158 |  | 0.0224 | 0.0220 |
|  |  | (0.0338) | (0.0344) |  |  | (0.0492) | (0.0499) |  | (0.0735) | (0.0745) |
| Married |  | -0.0291 | -0.0308 |  |  | -0.0262 | -0.0368 |  | -0.0280 | -0.0284 |
|  |  | (0.0584) | (0.0586) |  |  | (0.0889) | (0.0897) |  | (0.106) | (0.106) |
| Health |  | 0.0512\* | 0.0509 |  |  | 0.000936 | -0.00201 |  | -0.0885 | -0.0885 |
|  |  | (0.0311) | (0.0310) |  |  | (0.0451) | (0.0449) |  | (0.0614) | (0.0614) |
| Working overtime |  |  | 0.0649 |  |  |  | 0.175\*\*\* |  |  | 0.00280 |
|  |  |  | (0.0467) |  |  |  | (0.0674) |  |  | (0.0886) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.016 | 0.047 | 0.048 |  | 0.033 | 0.064 | 0.066 | 0.006 | 0.017 | 0.018 |
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| **Table 3: F17-1 Sad\_control\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| Junior | 0.0446 | 0.0445 | 0.0445 |  | 0.0118 | 0.0165 | 0.0176 | 0.0193 | 0.00809 | 0.0120 |
|  | (0.0886) | (0.0883) | (0.0884) |  | (0.123) | (0.123) | (0.123) | (0.279) | (0.279) | (0.281) |
| Senior | 0.0484 | 0.0465 | 0.0445 |  | -0.0416 | -0.0443 | -0.0469 | -0.0274 | -0.0426 | -0.0393 |
|  | (0.0897) | (0.0901) | (0.0901) |  | (0.128) | (0.130) | (0.130) | (0.281) | (0.280) | (0.281) |
| Techhigh | 0.0418 | 0.0373 | 0.0339 |  | -0.0535 | -0.0615 | -0.0651 | 0.00576 | -0.00821 | -0.00641 |
|  | (0.0958) | (0.0964) | (0.0964) |  | (0.136) | (0.139) | (0.139) | (0.313) | (0.313) | (0.313) |
| College | 0.0441 | 0.0207 | 0.0162 |  | 0.0164 | -0.0156 | -0.0250 | 0.00571 | 0.00497 | 0.00430 |
|  | (0.0959) | (0.0979) | (0.0978) |  | (0.131) | (0.137) | (0.137) | (0.132) | (0.131) | (0.131) |
| Undergraduate and above | 0.129 | 0.0969 | 0.0907 |  | 0.0700 | 0.0325 | 0.0224 | 0.122 | 0.106 | 0.111 |
|  | (0.107) | (0.110) | (0.110) |  | (0.144) | (0.150) | (0.150) | (0.343) | (0.343) | (0.345) |
| Age/10 | 0.239\* | 0.159 | 0.154 |  | 0.238 | 0.200 | 0.186 |  |  |  |
|  | (0.142) | (0.159) | (0.159) |  | (0.197) | (0.219) | (0.220) |  |  |  |
| Age2/100 | -0.0202 | -0.0110 | -0.0108 |  | -0.0170 | -0.0124 | -0.0114 |  |  |  |
|  | (0.0190) | (0.0205) | (0.0204) |  | (0.0257) | (0.0276) | (0.0277) |  |  |  |
| Male | 0.0942\*\* | 0.0886\*\* | 0.0898\*\* |  | 0.0859 | 0.0735 | 0.0764 |  |  |  |
|  | (0.0395) | (0.0402) | (0.0402) |  | (0.0544) | (0.0548) | (0.0547) |  |  |  |
| Birth Weight | 0.0453 | 0.0414 | 0.0415 |  | 0.0347 | 0.0283 | 0.0276 | -0.00525 | 0.00157 | 0.00150 |
|  | (0.0327) | (0.0323) | (0.0323) |  | (0.0416) | (0.0408) | (0.0407) | (0.101) | (0.101) | (0.101) |
| Early Disease | -0.103 | -0.0837 | -0.0839 |  | 0.0994 | 0.118 | 0.119 | 0.208 | 0.185 | 0.189 |
|  | (0.146) | (0.146) | (0.146) |  | (0.153) | (0.151) | (0.153) | (0.272) | (0.277) | (0.277) |
| Log(Income) |  | 0.0328 | 0.0370 |  |  | 0.0403 | 0.0485 |  | 0.0226 | 0.0255 |
|  |  | (0.0276) | (0.0281) |  |  | (0.0376) | (0.0386) |  | (0.0500) | (0.0508) |
| Married |  | 0.0664 | 0.0672 |  |  | 0.0421 | 0.0458 |  | 0.0606 | 0.0633 |
|  |  | (0.0503) | (0.0504) |  |  | (0.0713) | (0.0715) |  | (0.0855) | (0.0854) |
| Health |  | 0.0307 | 0.0308 |  |  | 0.0446 | 0.0457 |  | -0.0541 | -0.0537 |
|  |  | (0.0242) | (0.0242) |  |  | (0.0336) | (0.0336) |  | (0.0496) | (0.0495) |
| Working overtime |  |  | -0.0292 |  |  |  | -0.0616 |  |  | -0.0245 |
|  |  |  | (0.0380) |  |  |  | (0.0540) |  |  | (0.0720) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.016 | 0.047 | 0.048 |  | 0.033 | 0.064 | 0.066 | 0.006 | 0.017 | 0.018 |
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| **Table 3: F17-2 Scared\_control\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| Junior | 0.0269 | 0.0246 | 0.0245 |  | -0.0640 | -0.0626 | -0.0611 | 0.113 | 0.0853 | 0.0890 |
|  | (0.0960) | (0.0960) | (0.0962) |  | (0.131) | (0.130) | (0.130) | (0.331) | (0.318) | (0.320) |
| Senior | 0.0160 | 0.0106 | 0.00451 |  | -0.145 | -0.153 | -0.156 | 0.0812 | 0.0566 | 0.0598 |
|  | (0.0987) | (0.0994) | (0.0996) |  | (0.136) | (0.138) | (0.138) | (0.323) | (0.310) | (0.311) |
| Techhigh | 0.107 | 0.0982 | 0.0882 |  | -0.0790 | -0.0886 | -0.0932 | 0.00284 | -0.0141 | -0.0124 |
|  | (0.104) | (0.105) | (0.105) |  | (0.145) | (0.147) | (0.147) | (0.347) | (0.336) | (0.336) |
| College | -0.0435 | -0.0560 | -0.0699 |  | -0.165 | -0.184 | -0.196 | -0.138 | -0.134 | -0.134 |
|  | (0.106) | (0.109) | (0.109) |  | (0.146) | (0.150) | (0.151) | (0.134) | (0.132) | (0.133) |
| Undergraduate and above | 0.203\* | 0.190 | 0.171 |  | 0.0621 | 0.0426 | 0.0294 | 0.341 | 0.319 | 0.324 |
|  | (0.115) | (0.119) | (0.120) |  | (0.156) | (0.163) | (0.164) | (0.380) | (0.368) | (0.370) |
| Age/10 | 0.237 | 0.308\* | 0.293 |  | 0.324 | 0.385 | 0.366 |  |  |  |
|  | (0.168) | (0.184) | (0.184) |  | (0.239) | (0.262) | (0.264) |  |  |  |
| Age2/100 | -0.0169 | -0.0242 | -0.0234 |  | -0.0277 | -0.0341 | -0.0328 |  |  |  |
|  | (0.0223) | (0.0237) | (0.0237) |  | (0.0312) | (0.0333) | (0.0333) |  |  |  |
| Male | 0.154\*\*\* | 0.145\*\*\* | 0.149\*\*\* |  | 0.0900 | 0.0783 | 0.0821 |  |  |  |
|  | (0.0467) | (0.0471) | (0.0470) |  | (0.0640) | (0.0648) | (0.0646) |  |  |  |
| Birth Weight | 0.0925\*\* | 0.0900\*\* | 0.0902\*\* |  | 0.0478 | 0.0438 | 0.0429 | 0.0689 | 0.0808 | 0.0807 |
|  | (0.0376) | (0.0376) | (0.0375) |  | (0.0483) | (0.0479) | (0.0478) | (0.0732) | (0.0750) | (0.0752) |
| Early Disease | -0.190 | -0.177 | -0.178 |  | -0.0884 | -0.0733 | -0.0721 | -0.187 | -0.218 | -0.215 |
|  | (0.196) | (0.197) | (0.197) |  | (0.199) | (0.198) | (0.201) | (0.258) | (0.264) | (0.265) |
| Log(Income) |  | 0.0115 | 0.0243 |  |  | 0.0248 | 0.0355 |  | -0.0260 | -0.0232 |
|  |  | (0.0308) | (0.0315) |  |  | (0.0428) | (0.0438) |  | (0.0531) | (0.0546) |
| Married |  | -0.0524 | -0.0501 |  |  | -0.0445 | -0.0396 |  | 0.0184 | 0.0210 |
|  |  | (0.0556) | (0.0556) |  |  | (0.0791) | (0.0793) |  | (0.0858) | (0.0865) |
| Health |  | 0.0187 | 0.0193 |  |  | 0.0172 | 0.0186 |  | -0.0762 | -0.0759 |
|  |  | (0.0271) | (0.0271) |  |  | (0.0381) | (0.0381) |  | (0.0495) | (0.0495) |
| Working overtime |  |  | -0.0897\*\* |  |  |  | -0.0810 |  |  | -0.0230 |
|  |  |  | (0.0440) |  |  |  | (0.0611) |  |  | (0.0645) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.016 | 0.047 | 0.048 |  | 0.033 | 0.064 | 0.066 | 0.006 | 0.017 | 0.018 |
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| **Table 3: F17-3 Happiness\_control\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| Junior | -0.0438 | -0.0415 | -0.0417 |  | -0.101 | -0.0994 | -0.0988 | -0.394 | -0.391 | -0.389 |
|  | (0.0867) | (0.0869) | (0.0868) |  | (0.124) | (0.125) | (0.125) | (0.310) | (0.315) | (0.318) |
| Senior | 0.0688 | 0.0716 | 0.0669 |  | -0.00748 | -0.00906 | -0.0105 | -0.286 | -0.292 | -0.290 |
|  | (0.0869) | (0.0881) | (0.0880) |  | (0.126) | (0.129) | (0.129) | (0.321) | (0.325) | (0.327) |
| Techhigh | 0.0768 | 0.0791 | 0.0710 |  | -0.0388 | -0.0461 | -0.0481 | -0.360 | -0.372 | -0.371 |
|  | (0.0924) | (0.0934) | (0.0932) |  | (0.132) | (0.134) | (0.133) | (0.341) | (0.345) | (0.346) |
| College | 0.112 | 0.100 | 0.0895 |  | 0.0607 | 0.0286 | 0.0233 | 0.130 | 0.127 | 0.127 |
|  | (0.0933) | (0.0968) | (0.0967) |  | (0.132) | (0.138) | (0.137) | (0.155) | (0.153) | (0.153) |
| Undergraduate and above | 0.154 | 0.136 | 0.121 |  | 0.0366 | -0.00324 | -0.00884 | -0.407 | -0.413 | -0.411 |
|  | (0.106) | (0.110) | (0.111) |  | (0.144) | (0.150) | (0.150) | (0.381) | (0.385) | (0.388) |
| Age/10 | 0.306\* | 0.213 | 0.202 |  | 0.276 | 0.179 | 0.172 |  |  |  |
|  | (0.160) | (0.181) | (0.181) |  | (0.222) | (0.252) | (0.253) |  |  |  |
| Age2/100 | -0.0159 | -0.00545 | -0.00493 |  | -0.0135 | -0.00277 | -0.00222 |  |  |  |
|  | (0.0212) | (0.0232) | (0.0232) |  | (0.0290) | (0.0319) | (0.0320) |  |  |  |
| Male | 0.0440 | 0.0425 | 0.0452 |  | 0.0547 | 0.0469 | 0.0485 |  |  |  |
|  | (0.0424) | (0.0432) | (0.0432) |  | (0.0583) | (0.0593) | (0.0593) |  |  |  |
| Birth Weight | 0.0446 | 0.0421 | 0.0423 |  | 0.0491 | 0.0443 | 0.0439 | -0.0915 | -0.0729 | -0.0730 |
|  | (0.0367) | (0.0365) | (0.0365) |  | (0.0486) | (0.0482) | (0.0482) | (0.0969) | (0.0970) | (0.0972) |
| Early Disease | 0.0526 | 0.0662 | 0.0656 |  | 0.374\*\*\* | 0.387\*\*\* | 0.387\*\*\* | 0.610\*\* | 0.556\*\* | 0.558\*\* |
|  | (0.153) | (0.153) | (0.153) |  | (0.108) | (0.114) | (0.115) | (0.262) | (0.266) | (0.266) |
| Log(Income) |  | 0.0194 | 0.0293 |  |  | 0.0383 | 0.0429 |  | 0.0695 | 0.0708 |
|  |  | (0.0290) | (0.0299) |  |  | (0.0404) | (0.0419) |  | (0.0595) | (0.0603) |
| Married |  | 0.0774 | 0.0792 |  |  | 0.0865 | 0.0886 |  | 0.241\*\* | 0.242\*\* |
|  |  | (0.0597) | (0.0596) |  |  | (0.0833) | (0.0833) |  | (0.104) | (0.105) |
| Health |  | 0.0274 | 0.0277 |  |  | 0.0361 | 0.0367 |  | -0.0649 | -0.0648 |
|  |  | (0.0266) | (0.0265) |  |  | (0.0376) | (0.0375) |  | (0.0574) | (0.0575) |
| Working overtime |  |  | -0.0694 |  |  |  | -0.0342 |  |  | -0.0102 |
|  |  |  | (0.0435) |  |  |  | (0.0602) |  |  | (0.0767) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.016 | 0.047 | 0.048 |  | 0.033 | 0.064 | 0.066 | 0.006 | 0.017 | 0.018 |
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| **Table 3: F17-4 Angry\_control\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| Junior | 0.0987 | 0.108 | 0.108 |  | 0.197 | 0.206 | 0.205 | -0.0389 | -0.0230 | -0.0284 |
|  | (0.0928) | (0.0927) | (0.0927) |  | (0.133) | (0.135) | (0.135) | (0.309) | (0.306) | (0.309) |
| Senior | 0.129 | 0.143 | 0.146 |  | 0.0607 | 0.0826 | 0.0851 | -0.251 | -0.230 | -0.235 |
|  | (0.0936) | (0.0942) | (0.0941) |  | (0.135) | (0.138) | (0.138) | (0.306) | (0.303) | (0.305) |
| Techhigh | 0.177\* | 0.193\* | 0.198\*\* |  | 0.140 | 0.162 | 0.165 | -0.203 | -0.188 | -0.190 |
|  | (0.0991) | (0.0996) | (0.0995) |  | (0.144) | (0.146) | (0.146) | (0.335) | (0.332) | (0.334) |
| College | 0.149 | 0.165 | 0.171\* |  | 0.177 | 0.200 | 0.209 | -0.0534 | -0.0506 | -0.0497 |
|  | (0.1000) | (0.101) | (0.101) |  | (0.143) | (0.149) | (0.149) | (0.149) | (0.149) | (0.149) |
| Undergraduate and above | 0.259\*\* | 0.280\*\* | 0.289\*\* |  | 0.192 | 0.217 | 0.227 | -0.175 | -0.147 | -0.155 |
|  | (0.113) | (0.117) | (0.117) |  | (0.162) | (0.169) | (0.169) | (0.364) | (0.360) | (0.362) |
| Age/10 | 0.311\*\* | 0.277 | 0.284 |  | 0.447\*\* | 0.326 | 0.339 |  |  |  |
|  | (0.153) | (0.173) | (0.173) |  | (0.211) | (0.239) | (0.240) |  |  |  |
| Age2/100 | -0.0199 | -0.0152 | -0.0155 |  | -0.0359 | -0.0222 | -0.0231 |  |  |  |
|  | (0.0201) | (0.0220) | (0.0221) |  | (0.0274) | (0.0300) | (0.0300) |  |  |  |
| Male | 0.0657 | 0.0662 | 0.0646 |  | 0.0175 | 0.0302 | 0.0274 |  |  |  |
|  | (0.0426) | (0.0430) | (0.0431) |  | (0.0599) | (0.0609) | (0.0611) |  |  |  |
| Birth Weight | 0.0570 | 0.0557 | 0.0556 |  | 0.0227 | 0.0241 | 0.0247 | 0.0159 | 0.0294 | 0.0295 |
|  | (0.0348) | (0.0348) | (0.0348) |  | (0.0436) | (0.0439) | (0.0440) | (0.103) | (0.105) | (0.105) |
| Early Disease | -0.0673 | -0.0555 | -0.0552 |  | 0.0887 | 0.0772 | 0.0764 | 0.200 | 0.176 | 0.171 |
|  | (0.148) | (0.148) | (0.148) |  | (0.163) | (0.163) | (0.161) | (0.271) | (0.261) | (0.259) |
| Log(Income) |  | -0.0187 | -0.0244 |  |  | -0.0291 | -0.0369 |  | -0.0116 | -0.0156 |
|  |  | (0.0310) | (0.0317) |  |  | (0.0446) | (0.0457) |  | (0.0633) | (0.0643) |
| Married |  | 0.0447 | 0.0437 |  |  | 0.105 | 0.101 |  | 0.135\* | 0.131 |
|  |  | (0.0565) | (0.0566) |  |  | (0.0802) | (0.0803) |  | (0.0806) | (0.0811) |
| Health |  | 0.0487\* | 0.0485\* |  |  | 0.0223 | 0.0213 |  | 0.0244 | 0.0239 |
|  |  | (0.0258) | (0.0258) |  |  | (0.0355) | (0.0355) |  | (0.0499) | (0.0500) |
| Working overtime |  |  | 0.0398 |  |  |  | 0.0592 |  |  | 0.0340 |
|  |  |  | (0.0409) |  |  |  | (0.0572) |  |  | (0.0730) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.016 | 0.047 | 0.048 |  | 0.033 | 0.064 | 0.066 | 0.006 | 0.017 | 0.018 |
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| **Table 3: F17-5 Hateful\_control\_4scale** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| Junior | 0.0621 | 0.0536 | 0.0535 |  | -0.0336 | -0.0414 | -0.0412 | -0.0388 | -0.0280 | -0.0205 |
|  | (0.0892) | (0.0895) | (0.0895) |  | (0.118) | (0.119) | (0.119) | (0.312) | (0.315) | (0.316) |
| Senior | 0.0446 | 0.0282 | 0.0270 |  | -0.145 | -0.163 | -0.163 | -0.104 | -0.100 | -0.0938 |
|  | (0.0904) | (0.0912) | (0.0911) |  | (0.121) | (0.124) | (0.124) | (0.310) | (0.312) | (0.313) |
| Techhigh | 0.0931 | 0.0694 | 0.0675 |  | -0.109 | -0.130 | -0.131 | -0.0829 | -0.0852 | -0.0817 |
|  | (0.0967) | (0.0977) | (0.0975) |  | (0.132) | (0.135) | (0.134) | (0.338) | (0.341) | (0.341) |
| College | 0.0993 | 0.0581 | 0.0556 |  | -0.0481 | -0.0831 | -0.0846 | 0.0419 | 0.0382 | 0.0369 |
|  | (0.0973) | (0.0995) | (0.0994) |  | (0.131) | (0.137) | (0.136) | (0.133) | (0.132) | (0.132) |
| Undergraduate and above | 0.256\*\* | 0.205\* | 0.201\* |  | 0.0548 | 0.0131 | 0.0115 | 0.0421 | 0.0448 | 0.0549 |
|  | (0.110) | (0.114) | (0.114) |  | (0.148) | (0.156) | (0.156) | (0.371) | (0.371) | (0.373) |
| Age/10 | 0.231 | 0.278 | 0.275 |  | 0.341\* | 0.364 | 0.362 |  |  |  |
|  | (0.159) | (0.178) | (0.178) |  | (0.204) | (0.235) | (0.236) |  |  |  |
| Age2/100 | -0.0114 | -0.0162 | -0.0160 |  | -0.0233 | -0.0261 | -0.0260 |  |  |  |
|  | (0.0209) | (0.0225) | (0.0225) |  | (0.0263) | (0.0290) | (0.0291) |  |  |  |
| Male | 0.0764\* | 0.0611 | 0.0617 |  | -0.0204 | -0.0328 | -0.0323 |  |  |  |
|  | (0.0440) | (0.0448) | (0.0449) |  | (0.0602) | (0.0608) | (0.0610) |  |  |  |
| Birth Weight | 0.0666\* | 0.0615\* | 0.0615\* |  | 0.0536 | 0.0504 | 0.0503 | -0.137 | -0.131 | -0.131 |
|  | (0.0359) | (0.0358) | (0.0358) |  | (0.0442) | (0.0443) | (0.0444) | (0.0857) | (0.0850) | (0.0852) |
| Early Disease | -0.0565 | -0.0338 | -0.0340 |  | 0.0997 | 0.113 | 0.113 | 0.0942 | 0.0740 | 0.0811 |
|  | (0.159) | (0.161) | (0.161) |  | (0.161) | (0.160) | (0.161) | (0.202) | (0.198) | (0.200) |
| Log(Income) |  | 0.0488 | 0.0511\* |  |  | 0.0425 | 0.0438 |  | 0.0538 | 0.0595 |
|  |  | (0.0298) | (0.0303) |  |  | (0.0428) | (0.0436) |  | (0.0677) | (0.0688) |
| Married |  | -0.0404 | -0.0400 |  |  | -0.0196 | -0.0190 |  | 0.134\* | 0.139\* |
|  |  | (0.0563) | (0.0563) |  |  | (0.0803) | (0.0806) |  | (0.0775) | (0.0784) |
| Health |  | 0.0161 | 0.0162 |  |  | -0.00142 | -0.00126 |  | -0.0138 | -0.0131 |
|  |  | (0.0263) | (0.0263) |  |  | (0.0372) | (0.0371) |  | (0.0544) | (0.0542) |
| Working overtime |  |  | -0.0160 |  |  |  | -0.00989 |  |  | -0.0476 |
|  |  |  | (0.0425) |  |  |  | (0.0589) |  |  | (0.0721) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.016 | 0.047 | 0.048 |  | 0.033 | 0.064 | 0.066 | 0.006 | 0.017 | 0.018 |
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| **Table 3: F18 Life\_short** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| Junior | -0.108 | -0.145 | -0.146 |  | -0.128 | -0.245 | -0.247 | -0.840 | -0.930 | -0.960 |
|  | (0.182) | (0.181) | (0.181) |  | (0.268) | (0.263) | (0.265) | (0.713) | (0.688) | (0.682) |
| Senior | -0.119 | -0.174 | -0.177 |  | -0.182 | -0.312 | -0.307 | -0.725 | -0.860 | -0.886 |
|  | (0.189) | (0.189) | (0.188) |  | (0.279) | (0.278) | (0.279) | (0.737) | (0.708) | (0.703) |
| Techhigh | -0.156 | -0.216 | -0.222 |  | 0.112 | -0.0181 | -0.0112 | -0.882 | -0.993 | -1.007 |
|  | (0.194) | (0.196) | (0.195) |  | (0.285) | (0.286) | (0.287) | (0.709) | (0.680) | (0.676) |
| College | -0.0720 | -0.116 | -0.123 |  | -0.0951 | -0.202 | -0.184 | -0.00469 | -0.0254 | -0.0201 |
|  | (0.202) | (0.204) | (0.203) |  | (0.295) | (0.296) | (0.296) | (0.288) | (0.289) | (0.290) |
| Undergraduate and above | 0.238 | 0.176 | 0.166 |  | 0.437 | 0.292 | 0.311 | -1.013 | -1.183 | -1.224 |
|  | (0.233) | (0.238) | (0.238) |  | (0.328) | (0.332) | (0.332) | (0.772) | (0.744) | (0.743) |
| Age/10 | 0.673\*\* | 0.785\*\* | 0.777\*\* |  | 0.810\* | 0.883\* | 0.910\* |  |  |  |
|  | (0.303) | (0.332) | (0.333) |  | (0.452) | (0.492) | (0.494) |  |  |  |
| Age2/100 | -0.0382 | -0.0551 | -0.0548 |  | -0.0500 | -0.0652 | -0.0671 |  |  |  |
|  | (0.0406) | (0.0430) | (0.0430) |  | (0.0597) | (0.0629) | (0.0632) |  |  |  |
| Male | -0.264\*\*\* | -0.256\*\*\* | -0.255\*\*\* |  | -0.276\*\* | -0.277\*\* | -0.283\*\* |  |  |  |
|  | (0.0873) | (0.0877) | (0.0878) |  | (0.128) | (0.127) | (0.127) |  |  |  |
| Birth Weight | -0.0194 | -0.0101 | -0.00995 |  | 0.0426 | 0.0654 | 0.0666 | 0.123 | 0.0765 | 0.0770 |
|  | (0.0647) | (0.0649) | (0.0649) |  | (0.0939) | (0.0945) | (0.0947) | (0.164) | (0.174) | (0.174) |
| Early Disease | -0.550 | -0.621 | -0.622 |  | -1.056\*\* | -1.101\*\* | -1.103\*\* | -0.759 | -0.713 | -0.742 |
|  | (0.385) | (0.381) | (0.381) |  | (0.503) | (0.486) | (0.488) | (0.842) | (0.824) | (0.824) |
| Log(Income) |  | 0.0564 | 0.0633 |  |  | 0.108 | 0.0920 |  | 0.179 | 0.156 |
|  |  | (0.0630) | (0.0641) |  |  | (0.0887) | (0.0904) |  | (0.113) | (0.113) |
| Married |  | -0.170 | -0.169 |  |  | -0.160 | -0.167 |  | -0.379\*\* | -0.401\*\* |
|  |  | (0.103) | (0.103) |  |  | (0.154) | (0.154) |  | (0.164) | (0.165) |
| Health |  | -0.238\*\*\* | -0.238\*\*\* |  |  | -0.347\*\*\* | -0.349\*\*\* |  | -0.257\*\* | -0.260\*\* |
|  |  | (0.0528) | (0.0528) |  |  | (0.0762) | (0.0761) |  | (0.117) | (0.118) |
| Working overtime |  |  | -0.0482 |  |  |  | 0.118 |  |  | 0.193 |
|  |  |  | (0.0846) |  |  |  | (0.124) |  |  | (0.149) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.016 | 0.047 | 0.048 |  | 0.033 | 0.064 | 0.066 | 0.006 | 0.017 | 0.018 |
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| **Table 3: F19 Future\_decided** | | | | | | | | | | |
| Sample | All Twins | | |  | MZ Twins | | | | | |
| Model | OLS | OLS | OLS |  | OLS | OLS | OLS | FE | FE | FE |
|  | (1) | (2) | (3) |  | (4) | (5) | (6) | (7) | (8) | (9) |
| Junior | -0.110 | -0.0888 | -0.0888 |  | 0.128 | 0.101 | 0.104 | 1.135\* | 1.142\* | 1.132\* |
|  | (0.212) | (0.211) | (0.211) |  | (0.307) | (0.310) | (0.309) | (0.588) | (0.582) | (0.587) |
| Senior | -0.180 | -0.134 | -0.134 |  | -0.0638 | -0.0341 | -0.0394 | 1.136\* | 1.169\*\* | 1.160\* |
|  | (0.212) | (0.211) | (0.212) |  | (0.306) | (0.312) | (0.311) | (0.594) | (0.590) | (0.594) |
| Techhigh | -0.230 | -0.158 | -0.158 |  | -0.0345 | 0.00106 | -0.00615 | 1.048\* | 1.079\* | 1.074\* |
|  | (0.220) | (0.220) | (0.220) |  | (0.316) | (0.324) | (0.323) | (0.557) | (0.554) | (0.557) |
| College | -0.491\*\* | -0.386\* | -0.386\* |  | -0.500 | -0.429 | -0.448 | -0.243 | -0.227 | -0.225 |
|  | (0.225) | (0.229) | (0.230) |  | (0.324) | (0.336) | (0.336) | (0.288) | (0.290) | (0.290) |
| Undergraduate and above | -0.867\*\*\* | -0.751\*\*\* | -0.752\*\*\* |  | -0.855\*\* | -0.790\*\* | -0.810\*\* | 0.879 | 0.935 | 0.921 |
|  | (0.260) | (0.267) | (0.268) |  | (0.382) | (0.395) | (0.395) | (0.628) | (0.631) | (0.636) |
| Age/10 | 1.185\*\*\* | 0.706\* | 0.705\* |  | 1.578\*\*\* | 1.079\* | 1.050\* |  |  |  |
|  | (0.324) | (0.361) | (0.362) |  | (0.499) | (0.559) | (0.559) |  |  |  |
| Age2/100 | -0.0298 | 0.0200 | 0.0201 |  | -0.0744 | -0.0223 | -0.0203 |  |  |  |
|  | (0.0436) | (0.0467) | (0.0467) |  | (0.0672) | (0.0725) | (0.0724) |  |  |  |
| Male | -0.304\*\*\* | -0.238\*\* | -0.238\*\* |  | -0.362\*\*\* | -0.292\*\* | -0.286\*\* |  |  |  |
|  | (0.0930) | (0.0937) | (0.0938) |  | (0.134) | (0.134) | (0.134) |  |  |  |
| Birth Weight | -0.102 | -0.0843 | -0.0843 |  | -0.0313 | -0.00600 | -0.00735 | -0.0309 | 0.0141 | 0.0143 |
|  | (0.0746) | (0.0741) | (0.0741) |  | (0.108) | (0.107) | (0.107) | (0.180) | (0.187) | (0.187) |
| Early Disease | 0.747\*\*\* | 0.654\*\* | 0.654\*\* |  | 0.519 | 0.423 | 0.425 | -0.340 | -0.420 | -0.430 |
|  | (0.277) | (0.280) | (0.280) |  | (0.417) | (0.411) | (0.414) | (0.528) | (0.525) | (0.535) |
| Log(Income) |  | -0.105 | -0.105 |  |  | -0.108 | -0.0918 |  | -0.121 | -0.129 |
|  |  | (0.0683) | (0.0690) |  |  | (0.0972) | (0.0989) |  | (0.114) | (0.116) |
| Married |  | 0.358\*\*\* | 0.358\*\*\* |  |  | 0.365\*\* | 0.373\*\* |  | 0.266 | 0.258 |
|  |  | (0.116) | (0.116) |  |  | (0.176) | (0.176) |  | (0.190) | (0.192) |
| Health |  | -0.118\*\* | -0.118\*\* |  |  | -0.134 | -0.132 |  | 0.00948 | 0.00855 |
|  |  | (0.0586) | (0.0586) |  |  | (0.0831) | (0.0832) |  | (0.120) | (0.120) |
| Working overtime |  |  | -0.00405 |  |  |  | -0.126 |  |  | 0.0659 |
|  |  |  | (0.0895) |  |  |  | (0.128) |  |  | (0.0706) |
| Twin pairs |  |  |  |  | 660 | 660 | 660 | 660 | 660 | 660 |
| Observations | 2,635 | 2,635 | 2,635 |  | 1,320 | 1,320 | 1,320 | 660 | 660 | 660 |
| R-squared | 0.016 | 0.047 | 0.048 |  | 0.033 | 0.064 | 0.066 | 0.006 | 0.017 | 0.018 |
|  | | | | | | | | | | |