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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) |
| Education years | 0.00851 | 0.00364 | 0.00447 |  | 0.0126 | 0.00390 | 0.00523 | 0.0329\* | 0.0305 | 0.0310 |
|  | (0.00603) | (0.00636) | (0.00638) |  | (0.00858) | (0.00907) | (0.00907) | (0.0191) | (0.0196) | (0.0196) |
| Age/10 | -0.0772 | -0.358\*\* | -0.351\*\* |  | -0.152 | -0.472\*\* | -0.454\*\* |  |  |  |
|  | (0.127) | (0.143) | (0.143) |  | (0.179) | (0.204) | (0.203) |  |  |  |
| Age2/100 | 0.0208 | 0.0522\*\*\* | 0.0519\*\*\* |  | 0.0365 | 0.0709\*\*\* | 0.0696\*\*\* |  |  |  |
|  | (0.0171) | (0.0184) | (0.0184) |  | (0.0239) | (0.0258) | (0.0257) |  |  |  |
| Male | 0.148\*\*\* | 0.132\*\*\* | 0.130\*\*\* |  | 0.172\*\*\* | 0.155\*\*\* | 0.152\*\*\* |  |  |  |
|  | (0.0373) | (0.0374) | (0.0374) |  | (0.0529) | (0.0539) | (0.0537) |  |  |  |
| Birth Weight | 0.00909 | -0.00345 | -0.00347 |  | -0.0190 | -0.0333 | -0.0325 | -0.0711 | -0.0570 | -0.0576 |
|  | (0.0283) | (0.0277) | (0.0277) |  | (0.0390) | (0.0376) | (0.0377) | (0.0706) | (0.0710) | (0.0705) |
| Early Disease | -0.186 | -0.135 | -0.134 |  | -0.0181 | -0.00398 | -0.00412 | -0.117 | -0.140 | -0.132 |
|  | (0.148) | (0.142) | (0.142) |  | (0.224) | (0.219) | (0.219) | (0.226) | (0.230) | (0.227) |
| Log(Income) |  | 0.0539\*\* | 0.0480\* |  |  | 0.0680\* | 0.0591 |  | 0.000289 | 0.00743 |
|  |  | (0.0273) | (0.0280) |  |  | (0.0410) | (0.0418) |  | (0.0575) | (0.0583) |
| Married |  | 0.247\*\*\* | 0.246\*\*\* |  |  | 0.287\*\*\* | 0.282\*\*\* |  | 0.193\*\* | 0.200\*\* |
|  |  | (0.0476) | (0.0476) |  |  | (0.0723) | (0.0720) |  | (0.0891) | (0.0891) |
| Health |  | 0.128\*\*\* | 0.128\*\*\* |  |  | 0.116\*\*\* | 0.115\*\*\* |  | 0.0651 | 0.0656 |
|  |  | (0.0235) | (0.0235) |  |  | (0.0324) | (0.0323) |  | (0.0449) | (0.0449) |
| Working overtime |  |  | 0.0425 |  |  |  | 0.0704 |  |  | -0.0626 |
|  |  |  | (0.0353) |  |  |  | (0.0501) |  |  | (0.0699) |
| 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 | 0.065 | 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) |
| Education years | -0.000747 | -0.00120 | -0.000768 |  | 0.00253 | 0.00246 | 0.00262 | 0.0402\*\* | 0.0391\*\* | 0.0404\*\* |
|  | (0.00572) | (0.00613) | (0.00614) |  | (0.00826) | (0.00904) | (0.00905) | (0.0185) | (0.0185) | (0.0184) |
| Age/10 | 0.212\* | 0.176 | 0.180 |  | 0.146 | 0.0925 | 0.0947 |  |  |  |
|  | (0.125) | (0.137) | (0.137) |  | (0.180) | (0.195) | (0.196) |  |  |  |
| Age2/100 | -0.0147 | -0.00973 | -0.00991 |  | 0.000162 | 0.00685 | 0.00670 |  |  |  |
|  | (0.0167) | (0.0175) | (0.0175) |  | (0.0236) | (0.0248) | (0.0249) |  |  |  |
| Male | 0.0400 | 0.0312 | 0.0303 |  | 0.0618 | 0.0586 | 0.0582 |  |  |  |
|  | (0.0354) | (0.0360) | (0.0360) |  | (0.0508) | (0.0523) | (0.0524) |  |  |  |
| Birth Weight | 0.00488 | -0.000822 | -0.000836 |  | -0.00328 | -0.00985 | -0.00976 | -0.102 | -0.102 | -0.104 |
|  | (0.0285) | (0.0283) | (0.0283) |  | (0.0402) | (0.0399) | (0.0399) | (0.0644) | (0.0643) | (0.0631) |
| Early Disease | -0.217\* | -0.190 | -0.189 |  | 0.0185 | 0.0275 | 0.0275 | 0.156 | 0.160 | 0.187 |
|  | (0.125) | (0.125) | (0.125) |  | (0.180) | (0.175) | (0.176) | (0.279) | (0.277) | (0.259) |
| Log(Income) |  | 0.000251 | -0.00281 |  |  | -0.0115 | -0.0126 |  | 0.000269 | 0.0220 |
|  |  | (0.0254) | (0.0258) |  |  | (0.0369) | (0.0372) |  | (0.0445) | (0.0447) |
| Married |  | 0.0537 | 0.0531 |  |  | 0.0699 | 0.0693 |  | 0.0483 | 0.0685 |
|  |  | (0.0438) | (0.0438) |  |  | (0.0612) | (0.0614) |  | (0.0612) | (0.0597) |
| Health |  | 0.0824\*\*\* | 0.0823\*\*\* |  |  | 0.0827\*\*\* | 0.0826\*\*\* |  | 0.0532 | 0.0549 |
|  |  | (0.0219) | (0.0219) |  |  | (0.0301) | (0.0302) |  | (0.0370) | (0.0370) |
| Working overtime |  |  | 0.0221 |  |  |  | 0.00876 |  |  | -0.191\*\*\* |
|  |  |  | (0.0334) |  |  |  | (0.0489) |  |  | (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 | 0.021 | 0.028 | 0.028 |  | 0.036 | 0.044 | 0.044 | 0.011 | 0.015 | 0.030 |

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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) |
| Education years | 0.0253\*\*\* | 0.0168\*\*\* | 0.0161\*\*\* |  | 0.0329\*\*\* | 0.0232\*\*\* | 0.0222\*\*\* | -0.0024 | -0.00837 | -0.00797 |
|  | (0.00547) | (0.00570) | (0.00570) |  | (0.00701) | (0.00754) | (0.00758) | (0.0150) | (0.0149) | (0.0149) |
| Age/10 | -0.118 | -0.296\*\* | -0.302\*\* |  | -0.222 | -0.290\* | -0.304\* |  |  |  |
|  | (0.116) | (0.126) | (0.127) |  | (0.155) | (0.173) | (0.174) |  |  |  |
| Age2/100 | 0.0132 | 0.0334\*\* | 0.0337\*\* |  | 0.0302 | 0.0378\* | 0.0387\* |  |  |  |
|  | (0.0159) | (0.0165) | (0.0166) |  | (0.0210) | (0.0224) | (0.0225) |  |  |  |
| Male | -0.100\*\*\* | -0.128\*\*\* | -0.127\*\*\* |  | -0.0942\*\* | -0.128\*\*\* | -0.125\*\*\* |  |  |  |
|  | (0.0324) | (0.0327) | (0.0327) |  | (0.0446) | (0.0450) | (0.0450) |  |  |  |
| Birth Weight | -0.00250 | -0.0174 | -0.0173 |  | 0.0353 | 0.0188 | 0.0182 | 0.0120 | -0.00457 | -0.00514 |
|  | (0.0267) | (0.0264) | (0.0263) |  | (0.0347) | (0.0329) | (0.0329) | (0.0704) | (0.0661) | (0.0658) |
| Early Disease | 0.0953 | 0.155\* | 0.154 |  | 0.202 | 0.242\* | 0.242\* | -0.0022 | 0.0351 | 0.0432 |
|  | (0.101) | (0.0939) | (0.0941) |  | (0.136) | (0.138) | (0.138) | (0.232) | (0.242) | (0.241) |
| Log(Income) |  | 0.0929\*\*\* | 0.0979\*\*\* |  |  | 0.0865\*\*\* | 0.0934\*\*\* |  | 0.0943\*\* | 0.101\*\* |
|  |  | (0.0224) | (0.0228) |  |  | (0.0307) | (0.0313) |  | (0.0478) | (0.0476) |
| Married |  | 0.153\*\*\* | 0.154\*\*\* |  |  | 0.0815 | 0.0853 |  | 0.0968 | 0.103 |
|  |  | (0.0415) | (0.0416) |  |  | (0.0606) | (0.0606) |  | (0.0716) | (0.0723) |
| Health |  | 0.113\*\*\* | 0.113\*\*\* |  |  | 0.114\*\*\* | 0.115\*\*\* |  | 0.137\*\*\* | 0.138\*\*\* |
|  |  | (0.0200) | (0.0200) |  |  | (0.0271) | (0.0271) |  | (0.0376) | (0.0375) |
| Working overtime |  |  | -0.0359 |  |  |  | -0.0546 |  |  | -0.0573 |
|  |  |  | (0.0307) |  |  |  | (0.0419) |  |  | (0.0555) |
| 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 | 0.025 | 0.055 | 0.056 |  | 0.036 | 0.063 | 0.064 | 0.000 | 0.029 | 0.031 |
|  | | | | | | | | | | |

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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) |
| Education years | -0.000159 | 0.000654 | 0.00113 |  | 0.00160 | -0.000101 | -0.000325 | 0.00161 | 0.000222 | 0.000400 |
|  | (0.00586) | (0.00634) | (0.00635) |  | (0.00847) | (0.00923) | (0.00922) | (0.0155) | (0.0158) | (0.0158) |
| Age/10 | -0.118 | -0.0918 | -0.0876 |  | -0.205 | -0.220 | -0.223 |  |  |  |
|  | (0.128) | (0.142) | (0.143) |  | (0.189) | (0.208) | (0.209) |  |  |  |
| Age2/100 | 0.0241 | 0.0228 | 0.0226 |  | 0.0356 | 0.0385 | 0.0387 |  |  |  |
|  | (0.0176) | (0.0188) | (0.0188) |  | (0.0258) | (0.0273) | (0.0274) |  |  |  |
| Male | -0.0765\*\* | -0.0855\*\* | -0.0865\*\* |  | -0.0827 | -0.0954\* | -0.0948\* |  |  |  |
|  | (0.0368) | (0.0373) | (0.0373) |  | (0.0533) | (0.0545) | (0.0545) |  |  |  |
| Birth Weight | 0.0106 | 0.00538 | 0.00536 |  | -0.0610 | -0.0718\* | -0.0719\* | -0.207\*\* | -0.210\*\* | -0.210\*\* |
|  | (0.0299) | (0.0294) | (0.0294) |  | (0.0410) | (0.0391) | (0.0391) | (0.104) | (0.104) | (0.104) |
| Early Disease | -0.0773 | -0.0495 | -0.0489 |  | 0.226 | 0.248 | 0.248 | 0.363 | 0.384\* | 0.388\* |
|  | (0.141) | (0.139) | (0.139) |  | (0.194) | (0.186) | (0.187) | (0.222) | (0.209) | (0.211) |
| Log(Income) |  | -0.0165 | -0.0199 |  |  | 0.00273 | 0.00422 |  | -0.0228 | -0.0199 |
|  |  | (0.0248) | (0.0254) |  |  | (0.0361) | (0.0368) |  | (0.0517) | (0.0524) |
| Married |  | 0.0125 | 0.0119 |  |  | 0.0476 | 0.0484 |  | 0.0314 | 0.0341 |
|  |  | (0.0432) | (0.0432) |  |  | (0.0616) | (0.0614) |  | (0.0752) | (0.0758) |
| Health |  | 0.0919\*\*\* | 0.0918\*\*\* |  |  | 0.115\*\*\* | 0.115\*\*\* |  | 0.122\*\*\* | 0.122\*\*\* |
|  |  | (0.0225) | (0.0225) |  |  | (0.0330) | (0.0330) |  | (0.0451) | (0.0452) |
| Working overtime |  |  | 0.0243 |  |  |  | -0.0119 |  |  | -0.0256 |
|  |  |  | (0.0335) |  |  |  | (0.0475) |  |  | (0.0624) |
| 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 | 0.018 | 0.026 | 0.026 |  | 0.027 | 0.041 | 0.041 | 0.015 | 0.029 | 0.029 |
|  | | | | | | | | | | |

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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) |
| Education years | -0.00638 | -0.00683 | | -0.00613 |  | -0.00600 | -0.00759 | -0.00758 | 0.0316 | 0.0282 | 0.0282 |
|  | (0.00589) | (0.00617) | | (0.00618) |  | (0.00845) | (0.00883) | (0.00882) | (0.0204) | (0.0201) | (0.0202) |
| Age/10 | 0.0423 | -0.107 | | -0.100 |  | -0.118 | -0.294 | -0.294 |  |  |  |
|  | (0.126) | (0.141) | | (0.141) |  | (0.176) | (0.201) | (0.201) |  |  |  |
| Age2/100 | 0.00899 | 0.0266 | | 0.0264 |  | 0.0310 | 0.0512\*\* | 0.0512\*\* |  |  |  |
|  | (0.0171) | (0.0183) | | (0.0183) |  | (0.0235) | (0.0257) | (0.0257) |  |  |  |
| Male | -0.0869\*\* | -0.0961\*\* | | -0.098\*\*\* |  | -0.0933\* | -0.0988\* | -0.0988\* |  |  |  |
|  | (0.0372) | (0.0374) | | (0.0374) |  | (0.0528) | (0.0538) | (0.0539) |  |  |  |
| Birth Weight | 0.00478 | -0.00391 | | -0.00394 |  | -0.0229 | -0.0353 | -0.0353 | -0.0347 | -0.0275 | -0.0275 |
|  | (0.0298) | (0.0295) | | (0.0295) |  | (0.0422) | (0.0418) | (0.0418) | (0.0689) | (0.0707) | (0.0707) |
| Early Disease | -0.145 | -0.105 | | -0.105 |  | 0.178 | 0.191 | 0.191 | 0.278 | 0.274 | 0.274 |
|  | (0.149) | (0.144) | | (0.143) |  | (0.205) | (0.199) | (0.199) | (0.290) | (0.278) | (0.278) |
| Log(Income) |  | 0.000149 | | -0.00480 |  |  | -0.00737 | -0.00739 |  | 0.00767 | 0.00785 |
|  |  | (0.0249) | | (0.0253) |  |  | (0.0360) | (0.0364) |  | (0.0552) | (0.0558) |
| Married |  | 0.157\*\*\* | | 0.156\*\*\* |  |  | 0.188\*\*\* | 0.188\*\*\* |  | 0.183\*\* | 0.183\*\* |
|  |  | (0.0460) | | (0.0459) |  |  | (0.0706) | (0.0707) |  | (0.0867) | (0.0866) |
| Health |  | 0.130\*\*\* | | 0.130\*\*\* |  |  | 0.149\*\*\* | 0.149\*\*\* |  | 0.122\*\* | 0.122\*\*\* |
|  |  | (0.0224) | | (0.0224) |  |  | (0.0311) | (0.0311) |  | (0.0472) | (0.0472) |
| Working overtime |  |  | | 0.0357 |  |  |  | 0.000185 |  |  | -0.00162 |
|  |  |  | | (0.0350) |  |  |  | (0.0505) |  |  | (0.0647) |
| 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 | 0.028 | 0.048 | | 0.048 |  | 0.034 | 0.060 | 0.060 | 0.006 | 0.025 | 0.025 |
|  | | | | | | | | | | | |

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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) |
| Education years | -0.00515 | -3.17e-05 | -0.000624 |  | -0.00943 | -0.00181 | -0.00327 | -0.0257 | -0.0241 | -0.0242 |
|  | (0.00779) | (0.00814) | (0.00817) |  | (0.0116) | (0.0124) | (0.0124) | (0.0255) | (0.0256) | (0.0256) |
| Age/10 | -0.505\*\*\* | -0.445\*\* | -0.451\*\* |  | -0.595\*\* | -0.650\*\* | -0.670\*\* |  |  |  |
|  | (0.167) | (0.182) | (0.182) |  | (0.241) | (0.260) | (0.261) |  |  |  |
| Age2/100 | 0.0600\*\*\* | 0.0526\*\* | 0.0528\*\* |  | 0.0673\*\* | 0.0729\*\* | 0.0742\*\* |  |  |  |
|  | (0.0224) | (0.0235) | (0.0236) |  | (0.0317) | (0.0332) | (0.0332) |  |  |  |
| Male | -0.0285 | -0.00785 | -0.00659 |  | 0.0927 | 0.125\* | 0.129\* |  |  |  |
|  | (0.0488) | (0.0495) | (0.0494) |  | (0.0690) | (0.0705) | (0.0703) |  |  |  |
| Birth Weight | -0.0433 | -0.0330 | -0.0330 |  | -0.0482 | -0.0347 | -0.0356 | -0.161\* | -0.152\* | -0.152\* |
|  | (0.0401) | (0.0399) | (0.0399) |  | (0.0542) | (0.0542) | (0.0541) | (0.0920) | (0.0906) | (0.0908) |
| Early Disease | -0.0314 | -0.0737 | -0.0744 |  | 0.00359 | -0.0373 | -0.0372 | -0.0493 | -0.0631 | -0.0659 |
|  | (0.187) | (0.190) | (0.190) |  | (0.285) | (0.286) | (0.285) | (0.327) | (0.332) | (0.332) |
| Log(Income) |  | -0.0532 | -0.0490 |  |  | -0.0713 | -0.0616 |  | -0.0456 | -0.0479 |
|  |  | (0.0338) | (0.0347) |  |  | (0.0494) | (0.0506) |  | (0.0725) | (0.0741) |
| Married |  | -0.0612 | -0.0604 |  |  | 0.0245 | 0.0300 |  | 0.00561 | 0.00351 |
|  |  | (0.0569) | (0.0570) |  |  | (0.0838) | (0.0839) |  | (0.105) | (0.106) |
| Health |  | -0.084\*\*\* | -0.084\*\*\* |  |  | -0.0869\*\* | -0.0854\*\* |  | -0.00977 | -0.00995 |
|  |  | (0.0305) | (0.0305) |  |  | (0.0435) | (0.0434) |  | (0.0653) | (0.0654) |
| Working overtime |  |  | -0.0301 |  |  |  | -0.0773 |  |  | 0.0198 |
|  |  |  | (0.0464) |  |  |  | (0.0683) |  |  | (0.0935) |
| 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 | 0.017 | 0.023 | 0.023 |  | 0.031 | 0.037 | 0.039 | 0.006 | 0.007 | 0.007 |
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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) |
| Education years | 0.000740 | 0.00772 | 0.00693 |  | 0.0109 | 0.0196 | 0.0175 | -0.0006 | -0.0003 | 3.71e-05 |
|  | (0.00858) | (0.00908) | (0.00915) |  | (0.0128) | (0.0138) | (0.0139) | (0.0261) | (0.0264) | (0.0264) |
| Age/10 | -0.212 | -0.274 | -0.281 |  | -0.591\*\* | -0.679\*\* | -0.707\*\* |  |  |  |
|  | (0.187) | (0.203) | (0.203) |  | (0.276) | (0.300) | (0.301) |  |  |  |
| Age2/100 | 0.0169 | 0.0230 | 0.0234 |  | 0.0614\* | 0.0712\* | 0.0732\* |  |  |  |
|  | (0.0249) | (0.0261) | (0.0261) |  | (0.0360) | (0.0380) | (0.0380) |  |  |  |
| Male | -0.192\*\*\* | -0.164\*\*\* | -0.163\*\*\* |  | -0.107 | -0.0744 | -0.0687 |  |  |  |
|  | (0.0548) | (0.0557) | (0.0557) |  | (0.0788) | (0.0806) | (0.0805) |  |  |  |
| Birth Weight | -0.0644 | -0.0548 | -0.0548 |  | -0.0503 | -0.0416 | -0.0428 | -0.164 | -0.154 | -0.155 |
|  | (0.0439) | (0.0437) | (0.0437) |  | (0.0613) | (0.0612) | (0.0608) | (0.101) | (0.0989) | (0.0991) |
| Early Disease | 0.133 | 0.0959 | 0.0953 |  | 0.125 | 0.0895 | 0.0897 | 0.289 | 0.277 | 0.285 |
|  | (0.207) | (0.209) | (0.209) |  | (0.311) | (0.309) | (0.308) | (0.187) | (0.191) | (0.191) |
| Log(Income) |  | -0.0731\*\* | -0.0676\* |  |  | -0.0927\* | -0.0786 |  | -0.0366 | -0.0303 |
|  |  | (0.0364) | (0.0372) |  |  | (0.0513) | (0.0522) |  | (0.0720) | (0.0738) |
| Married |  | 0.0524 | 0.0535 |  |  | 0.0737 | 0.0817 |  | 0.0623 | 0.0682 |
|  |  | (0.0626) | (0.0627) |  |  | (0.0923) | (0.0935) |  | (0.0960) | (0.0972) |
| Health |  | -0.0455 | -0.0453 |  |  | -0.0171 | -0.0150 |  | 0.0319 | 0.0324 |
|  |  | (0.0332) | (0.0332) |  |  | (0.0472) | (0.0471) |  | (0.0658) | (0.0656) |
| Working overtime |  |  | -0.0399 |  |  |  | -0.113 |  |  | -0.0557 |
|  |  |  | (0.0517) |  |  |  | (0.0744) |  |  | (0.0860) |
| 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 | 0.017 | 0.020 | 0.021 |  | 0.027 | 0.031 | 0.033 | 0.005 | 0.007 | 0.008 |
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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) |
| Education years | 0.0132 | 0.00728 | 0.00799 |  | 0.0153 | 0.00881 | 0.00929 | -0.0107 | -0.0130 | -0.0134 |
|  | (0.00816) | (0.00862) | (0.00866) |  | (0.0120) | (0.0129) | (0.0130) | (0.0268) | (0.0266) | (0.0265) |
| Age/10 | -0.309\* | -0.233 | -0.227 |  | -0.170 | -0.0990 | -0.0925 |  |  |  |
|  | (0.184) | (0.202) | (0.202) |  | (0.275) | (0.300) | (0.302) |  |  |  |
| Age2/100 | 0.0328 | 0.0243 | 0.0240 |  | 0.0154 | 0.00693 | 0.00648 |  |  |  |
|  | (0.0246) | (0.0261) | (0.0261) |  | (0.0367) | (0.0387) | (0.0389) |  |  |  |
| Male | -0.0580 | -0.0745 | -0.0760 |  | -0.104 | -0.125 | -0.127 |  |  |  |
|  | (0.0532) | (0.0541) | (0.0541) |  | (0.0768) | (0.0791) | (0.0791) |  |  |  |
| Birth Weight | -0.0902\*\* | -0.0940\*\* | -0.0941\*\* |  | -0.142\*\* | -0.145\*\*\* | -0.145\*\*\* | -0.121 | -0.147 | -0.146 |
|  | (0.0412) | (0.0412) | (0.0412) |  | (0.0559) | (0.0557) | (0.0557) | (0.109) | (0.107) | (0.108) |
| Early Disease | 0.00499 | 0.0183 | 0.0192 |  | 0.127 | 0.147 | 0.147 | -0.319 | -0.271 | -0.279 |
|  | (0.206) | (0.204) | (0.204) |  | (0.319) | (0.315) | (0.315) | (0.453) | (0.447) | (0.443) |
| Log(Income) |  | 0.0667\* | 0.0617\* |  |  | 0.0747 | 0.0715 |  | 0.0770 | 0.0705 |
|  |  | (0.0349) | (0.0357) |  |  | (0.0526) | (0.0536) |  | (0.0696) | (0.0704) |
| Married |  | -0.0825 | -0.0835 |  |  | -0.0732 | -0.0750 |  | -0.107 | -0.114 |
|  |  | (0.0620) | (0.0620) |  |  | (0.0935) | (0.0939) |  | (0.115) | (0.115) |
| Health |  | -0.0253 | -0.0254 |  |  | -0.0307 | -0.0311 |  | 0.0293 | 0.0288 |
|  |  | (0.0309) | (0.0309) |  |  | (0.0442) | (0.0442) |  | (0.0623) | (0.0625) |
| Working overtime |  |  | 0.0361 |  |  |  | 0.0257 |  |  | 0.0571 |
|  |  |  | (0.0501) |  |  |  | (0.0749) |  |  | (0.0985) |
| 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 | 0.030 | 0.032 | 0.032 |  | 0.034 | 0.037 | 0.037 | 0.004 | 0.008 | 0.009 |
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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) |
| Education years | -0.000674 | -0.00150 | -0.00198 |  | 0.00521 | 0.00745 | 0.00566 | 0.00531 | 0.00552 | 0.00452 |
|  | (0.00775) | (0.00825) | (0.00832) |  | (0.0117) | (0.0127) | (0.0128) | (0.0270) | (0.0273) | (0.0272) |
| Age/10 | -0.224 | -0.259 | -0.263 |  | -0.384 | -0.449\* | -0.473\* |  |  |  |
|  | (0.169) | (0.186) | (0.186) |  | (0.251) | (0.271) | (0.271) |  |  |  |
| Age2/100 | 0.0219 | 0.0245 | 0.0247 |  | 0.0421 | 0.0483 | 0.0500 |  |  |  |
|  | (0.0229) | (0.0242) | (0.0242) |  | (0.0336) | (0.0353) | (0.0352) |  |  |  |
| Male | -0.120\*\* | -0.112\*\* | -0.111\*\* |  | -0.0972 | -0.0823 | -0.0775 |  |  |  |
|  | (0.0479) | (0.0488) | (0.0488) |  | (0.0704) | (0.0725) | (0.0722) |  |  |  |
| Birth Weight | -0.0197 | -0.0154 | -0.0154 |  | -0.0333 | -0.0261 | -0.0271 | -0.0946 | -0.0839 | -0.0825 |
|  | (0.0407) | (0.0408) | (0.0408) |  | (0.0572) | (0.0572) | (0.0569) | (0.0864) | (0.0851) | (0.0848) |
| Early Disease | 0.0468 | 0.0241 | 0.0236 |  | 0.145 | 0.123 | 0.123 | -0.186 | -0.202 | -0.222 |
|  | (0.182) | (0.183) | (0.184) |  | (0.279) | (0.278) | (0.280) | (0.408) | (0.406) | (0.404) |
| Log(Income) |  | 0.0161 | 0.0195 |  |  | -0.0178 | -0.00594 |  | -0.0318 | -0.0481 |
|  |  | (0.0340) | (0.0349) |  |  | (0.0516) | (0.0530) |  | (0.0667) | (0.0666) |
| Married |  | 0.000383 | 0.00104 |  |  | 0.0345 | 0.0412 |  | 0.0739 | 0.0587 |
|  |  | (0.0557) | (0.0557) |  |  | (0.0800) | (0.0804) |  | (0.103) | (0.103) |
| Health |  | -0.0765\*\* | -0.0764\*\* |  |  | -0.0606 | -0.0588 |  | 0.0224 | 0.0211 |
|  |  | (0.0299) | (0.0299) |  |  | (0.0439) | (0.0438) |  | (0.0628) | (0.0631) |
| Working overtime |  |  | -0.0244 |  |  |  | -0.0947 |  |  | 0.143 |
|  |  |  | (0.0462) |  |  |  | (0.0671) |  |  | (0.0887) |
| 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 | 0.017 | 0.020 | 0.021 |  | 0.023 | 0.025 | 0.027 | 0.002 | 0.003 | 0.008 |
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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) |
| Education years | 0.00200 | 0.00257 | 0.00106 |  | 0.00914 | 0.0108 | 0.00752 | 0.0145 | 0.0138 | 0.0138 |
|  | (0.00787) | (0.00834) | (0.00837) |  | (0.0116) | (0.0127) | (0.0127) | (0.0273) | (0.0275) | (0.0275) |
| Age/10 | -0.312\* | -0.330\* | -0.344\* |  | -0.544\*\* | -0.538\* | -0.583\*\* |  |  |  |
|  | (0.179) | (0.196) | (0.197) |  | (0.260) | (0.286) | (0.287) |  |  |  |
| Age2/100 | 0.0340 | 0.0352 | 0.0358 |  | 0.0609\* | 0.0603 | 0.0634\* |  |  |  |
|  | (0.0240) | (0.0255) | (0.0255) |  | (0.0348) | (0.0368) | (0.0368) |  |  |  |
| Male | -0.0996\*\* | -0.0910\* | -0.0879\* |  | -0.0419 | -0.0366 | -0.0276 |  |  |  |
|  | (0.0502) | (0.0515) | (0.0515) |  | (0.0723) | (0.0753) | (0.0750) |  |  |  |
| Birth Weight | -0.0567 | -0.0524 | -0.0524 |  | -0.0575 | -0.0557 | -0.0576 | -0.129 | -0.129 | -0.129 |
|  | (0.0411) | (0.0412) | (0.0411) |  | (0.0542) | (0.0546) | (0.0540) | (0.0910) | (0.0906) | (0.0906) |
| Early Disease | 0.0920 | 0.0716 | 0.0697 |  | 0.202 | 0.197 | 0.197 | 0.0209 | 0.0333 | 0.0333 |
|  | (0.198) | (0.199) | (0.201) |  | (0.312) | (0.313) | (0.316) | (0.331) | (0.323) | (0.321) |
| Log(Income) |  | -0.00235 | 0.00805 |  |  | -0.0170 | 0.00505 |  | -0.0253 | -0.0254 |
|  |  | (0.0337) | (0.0342) |  |  | (0.0500) | (0.0506) |  | (0.0727) | (0.0736) |
| Married |  | -0.00161 | 0.000457 |  |  | -0.00540 | 0.00693 |  | 0.0238 | 0.0238 |
|  |  | (0.0590) | (0.0592) |  |  | (0.0897) | (0.0908) |  | (0.104) | (0.104) |
| Health |  | -0.0548\* | -0.0545\* |  |  | -0.00717 | -0.00396 |  | 0.0838 | 0.0838 |
|  |  | (0.0311) | (0.0311) |  |  | (0.0453) | (0.0450) |  | (0.0616) | (0.0616) |
| Working overtime |  |  | -0.0746 |  |  |  | -0.175\*\*\* |  |  | 0.000415 |
|  |  |  | (0.0465) |  |  |  | (0.0677) |  |  | (0.0875) |
| 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 | 0.018 | 0.020 | 0.021 |  | 0.031 | 0.031 | 0.037 | 0.003 | 0.007 | 0.007 |
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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) |
| Education years | -0.00405 | -0.00121 | -0.000612 |  | 0.00277 | 0.00865 | 0.00997 | 0.00214 | 0.00247 | 0.00232 |
|  | (0.00655) | (0.00702) | (0.00704) |  | (0.00882) | (0.00958) | (0.00966) | (0.0181) | (0.0183) | (0.0183) |
| Age/10 | -0.265\* | -0.169 | -0.164 |  | -0.258 | -0.192 | -0.174 |  |  |  |
|  | (0.139) | (0.156) | (0.156) |  | (0.189) | (0.209) | (0.211) |  |  |  |
| Age2/100 | 0.0243 | 0.0138 | 0.0136 |  | 0.0206 | 0.0136 | 0.0123 |  |  |  |
|  | (0.0187) | (0.0201) | (0.0201) |  | (0.0247) | (0.0263) | (0.0264) |  |  |  |
| Male | -0.0965\*\* | -0.0892\*\* | -0.0904\*\* |  | -0.0892 | -0.0715 | -0.0750 |  |  |  |
|  | (0.0401) | (0.0407) | (0.0407) |  | (0.0542) | (0.0547) | (0.0545) |  |  |  |
| Birth Weight | -0.0400 | -0.0353 | -0.0353 |  | -0.0326 | -0.0244 | -0.0236 | 0.00716 | 0.000642 | 0.000855 |
|  | (0.0329) | (0.0326) | (0.0325) |  | (0.0421) | (0.0412) | (0.0411) | (0.100) | (0.100) | (0.100) |
| Early Disease | 0.113 | 0.0956 | 0.0964 |  | -0.0865 | -0.105 | -0.105 | -0.201 | -0.178 | -0.181 |
|  | (0.146) | (0.145) | (0.145) |  | (0.159) | (0.157) | (0.158) | (0.271) | (0.276) | (0.276) |
| Log(Income) |  | -0.0322 | -0.0365 |  |  | -0.0542 | -0.0629 |  | -0.0242 | -0.0267 |
|  |  | (0.0271) | (0.0276) |  |  | (0.0375) | (0.0384) |  | (0.0497) | (0.0504) |
| Married |  | -0.0775 | -0.0783 |  |  | -0.0636 | -0.0685 |  | -0.0588 | -0.0611 |
|  |  | (0.0509) | (0.0509) |  |  | (0.0715) | (0.0719) |  | (0.0851) | (0.0850) |
| Health |  | -0.0326 | -0.0328 |  |  | -0.0498 | -0.0511 |  | 0.0539 | 0.0537 |
|  |  | (0.0244) | (0.0244) |  |  | (0.0344) | (0.0344) |  | (0.0500) | (0.0500) |
| Working overtime |  |  | 0.0306 |  |  |  | 0.0696 |  |  | 0.0215 |
|  |  |  | (0.0379) |  |  |  | (0.0538) |  |  | (0.0713) |
| 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 | 0.017 | 0.020 | 0.020 |  | 0.025 | 0.030 | 0.032 | 0.001 | 0.004 | 0.005 |
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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) |
| Education years | -0.00227 | -0.00110 | 0.000809 |  | 0.0111 | 0.0146 | 0.0165 | 0.0157 | 0.0135 | 0.0134 |
|  | (0.00761) | (0.00802) | (0.00807) |  | (0.0105) | (0.0111) | (0.0113) | (0.0181) | (0.0185) | (0.0185) |
| Age/10 | -0.229 | -0.276 | -0.259 |  | -0.292 | -0.306 | -0.281 |  |  |  |
|  | (0.164) | (0.181) | (0.181) |  | (0.229) | (0.250) | (0.252) |  |  |  |
| Age2/100 | 0.0183 | 0.0230 | 0.0221 |  | 0.0268 | 0.0283 | 0.0266 |  |  |  |
|  | (0.0219) | (0.0233) | (0.0233) |  | (0.0298) | (0.0315) | (0.0316) |  |  |  |
| Male | -0.167\*\*\* | -0.159\*\*\* | -0.163\*\*\* |  | -0.102 | -0.0886 | -0.0937 |  |  |  |
|  | (0.0482) | (0.0484) | (0.0483) |  | (0.0654) | (0.0664) | (0.0662) |  |  |  |
| Birth Weight | -0.0789\*\* | -0.0762\*\* | -0.0762\*\* |  | -0.0382 | -0.0331 | -0.0320 | -0.0632 | -0.0759 | -0.0759 |
|  | (0.0377) | (0.0377) | (0.0375) |  | (0.0483) | (0.0479) | (0.0477) | (0.0715) | (0.0735) | (0.0735) |
| Early Disease | 0.235 | 0.222 | 0.225 |  | 0.122 | 0.106 | 0.106 | 0.212 | 0.243 | 0.243 |
|  | (0.193) | (0.194) | (0.194) |  | (0.204) | (0.202) | (0.206) | (0.236) | (0.244) | (0.244) |
| Log(Income) |  | -0.00996 | -0.0234 |  |  | -0.0348 | -0.0472 |  | 0.0303 | 0.0297 |
|  |  | (0.0304) | (0.0311) |  |  | (0.0430) | (0.0440) |  | (0.0538) | (0.0554) |
| Married |  | 0.0323 | 0.0298 |  |  | 0.00641 | -0.000536 |  | -0.0117 | -0.0122 |
|  |  | (0.0566) | (0.0566) |  |  | (0.0786) | (0.0790) |  | (0.0847) | (0.0854) |
| Health |  | -0.0244 | -0.0250 |  |  | -0.0274 | -0.0292 |  | 0.0811 | 0.0811 |
|  |  | (0.0273) | (0.0273) |  |  | (0.0388) | (0.0389) |  | (0.0510) | (0.0511) |
| Working overtime |  |  | 0.0969\*\* |  |  |  | 0.0988 |  |  | 0.00517 |
|  |  |  | (0.0438) |  |  |  | (0.0614) |  |  | (0.0650) |
| 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 | 0.033 | 0.034 | 0.036 |  | 0.034 | 0.035 | 0.037 | 0.003 | 0.008 | 0.008 |
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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) | |
| Education years | -0.0124\* | -0.0105 | -0.00904 |  | -0.00560 | 0.000240 | 0.00119 | 0.00749 | 0.0107 | 0.0106 |
|  | (0.00704) | (0.00756) | (0.0075) |  | (0.00980) | (0.0104) | (0.0104) | (0.0237) | (0.0239) | (0.0239) |
| Age/10 | -0.316\*\* | -0.215 | -0.202 |  | -0.289 | -0.174 | -0.161 |  |  |  |
|  | (0.155) | (0.176) | (0.176) |  | (0.211) | (0.237) | (0.239) |  |  |  |
| Age2/100 | 0.0185 | 0.00749 | 0.00692 |  | 0.0176 | 0.00549 | 0.00461 |  |  |  |
|  | (0.0207) | (0.0225) | (0.0226) |  | (0.0276) | (0.0298) | (0.0300) |  |  |  |
| Male | -0.0475 | -0.0438 | -0.0467 |  | -0.0505 | -0.0360 | -0.0386 |  |  |  |
|  | (0.0438) | (0.0447) | (0.0446) |  | (0.0594) | (0.0607) | (0.0606) |  |  |  |
| Birth Weight | -0.0440 | -0.0407 | -0.0407 |  | -0.0421 | -0.0345 | -0.0340 | 0.0772 | 0.0601 | 0.0603 |
|  | (0.0369) | (0.0367) | (0.0366) |  | (0.0487) | (0.0478) | (0.0478) | (0.0976) | (0.0978) | (0.0980) |
| Early Disease | -0.0716 | -0.0836 | -0.0818 |  | -0.354\*\*\* | -0.368\*\*\* | -0.368\*\*\* | -0.609\*\* | -0.557\*\* | -0.560\*\* |
|  | (0.150) | (0.150) | (0.150) |  | (0.113) | (0.121) | (0.122) | (0.267) | (0.271) | (0.270) |
| Log(Income) |  | -0.0225 | -0.0327 |  |  | -0.0529 | -0.0592 |  | -0.0774 | -0.0792 |
|  |  | (0.0286) | (0.0295) |  |  | (0.0405) | (0.0418) |  | (0.0595) | (0.0603) |
| Married |  | -0.0819 | -0.0839 |  |  | -0.102 | -0.105 |  | -0.244\*\* | -0.246\*\* |
|  |  | (0.0602) | (0.0602) |  |  | (0.0831) | (0.0832) |  | (0.104) | (0.104) |
| Health |  | -0.0259 | -0.0262 |  |  | -0.0464 | -0.0473 |  | 0.0588 | 0.0586 |
|  |  | (0.0266) | (0.0265) |  |  | (0.0373) | (0.0372) |  | (0.0576) | (0.0576) |
| Working overtime |  |  | 0.0740\* |  |  |  | 0.0504 |  |  | 0.0160 |
|  |  |  | (0.0434) |  |  |  | (0.0600) |  |  | (0.0755) |
| 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 | 0.042 | 0.043 | 0.045 |  | 0.041 | 0.046 | 0.047 | 0.009 | 0.024 | 0.024 | |
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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) |
| Education years | -0.0131\* | -0.0146\* | -0.0154\*\* |  | 0.00415 | 0.00386 | 0.00311 | 0.0245 | 0.0253 | 0.0256 |
|  | (0.00722) | (0.00766) | (0.00771) |  | (0.0102) | (0.0110) | (0.0110) | (0.0194) | (0.0194) | (0.0194) |
| Age/10 | -0.323\*\* | -0.275 | -0.281\* |  | -0.422\*\* | -0.243 | -0.253 |  |  |  |
|  | (0.149) | (0.169) | (0.170) |  | (0.205) | (0.231) | (0.232) |  |  |  |
| Age2/100 | 0.0233 | 0.0174 | 0.0177 |  | 0.0382 | 0.0190 | 0.0197 |  |  |  |
|  | (0.0198) | (0.0216) | (0.0217) |  | (0.0267) | (0.0290) | (0.0290) |  |  |  |
| Male | -0.0664 | -0.0667 | -0.0653 |  | -0.00535 | -0.0143 | -0.0123 |  |  |  |
|  | (0.0437) | (0.0443) | (0.0444) |  | (0.0610) | (0.0622) | (0.0624) |  |  |  |
| Birth Weight | -0.0538 | -0.0519 | -0.0519 |  | -0.0238 | -0.0227 | -0.0231 | -0.0139 | -0.0285 | -0.0289 |
|  | (0.0350) | (0.0350) | (0.0351) |  | (0.0436) | (0.0440) | (0.0441) | (0.102) | (0.104) | (0.103) |
| Early Disease | 0.0735 | 0.0633 | 0.0624 |  | -0.0843 | -0.0720 | -0.0719 | -0.193 | -0.167 | -0.161 |
|  | (0.146) | (0.145) | (0.145) |  | (0.155) | (0.155) | (0.153) | (0.276) | (0.265) | (0.263) |
| Log(Income) |  | 0.0193 | 0.0244 |  |  | 0.0120 | 0.0170 |  | 0.0166 | 0.0211 |
|  |  | (0.0307) | (0.0313) |  |  | (0.0447) | (0.0457) |  | (0.0634) | (0.0643) |
| Married |  | -0.0581 | -0.0571 |  |  | -0.154\* | -0.151\* |  | -0.141\* | -0.137\* |
|  |  | (0.0568) | (0.0569) |  |  | (0.0785) | (0.0786) |  | (0.0807) | (0.0811) |
| Health |  | -0.0514\*\* | -0.0512\*\* |  |  | -0.0300 | -0.0293 |  | -0.0277 | -0.0274 |
|  |  | (0.0260) | (0.0260) |  |  | (0.0364) | (0.0363) |  | (0.0508) | (0.0509) |
| Working overtime |  |  | -0.0367 |  |  |  | -0.0396 |  |  | -0.0393 |
|  |  |  | (0.0410) |  |  |  | (0.0573) |  |  | (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 | 0.033 | 0.035 | 0.035 |  | 0.047 | 0.051 | 0.051 | 0.003 | 0.007 | 0.008 |
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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) |
| Education years | -0.0141\* | -0.00956 | -0.00916 |  | 0.00616 | 0.0118 | 0.0125 | 0.00171 | 0.00421 | 0.00391 |
|  | (0.00727) | (0.00768) | (0.00772) |  | (0.0100) | (0.0108) | (0.0108) | (0.0198) | (0.0199) | (0.0199) |
| Age/10 | -0.248 | -0.248 | -0.245 |  | -0.301 | -0.249 | -0.240 |  |  |  |
|  | (0.155) | (0.175) | (0.175) |  | (0.199) | (0.230) | (0.232) |  |  |  |
| Age2/100 | 0.0168 | 0.0166 | 0.0164 |  | 0.0241 | 0.0189 | 0.0183 |  |  |  |
|  | (0.0204) | (0.0220) | (0.0221) |  | (0.0255) | (0.0281) | (0.0282) |  |  |  |
| Male | -0.0704 | -0.0549 | -0.0556 |  | 0.0266 | 0.0420 | 0.0402 |  |  |  |
|  | (0.0452) | (0.0460) | (0.0461) |  | (0.0599) | (0.0605) | (0.0607) |  |  |  |
| Birth Weight | -0.0569 | -0.0508 | -0.0509 |  | -0.0434 | -0.0381 | -0.0377 | 0.139 | 0.133 | 0.133 |
|  | (0.0360) | (0.0358) | (0.0358) |  | (0.0445) | (0.0443) | (0.0444) | (0.0852) | (0.0843) | (0.0844) |
| Early Disease | 0.0731 | 0.0496 | 0.0501 |  | -0.0770 | -0.0907 | -0.0908 | -0.0857 | -0.0656 | -0.0718 |
|  | (0.155) | (0.157) | (0.157) |  | (0.162) | (0.162) | (0.163) | (0.199) | (0.194) | (0.196) |
| Log(Income) |  | -0.0491 | -0.0518\* |  |  | -0.0568 | -0.0610 |  | -0.0553 | -0.0603 |
|  |  | (0.0298) | (0.0303) |  |  | (0.0430) | (0.0440) |  | (0.0680) | (0.0691) |
| Married |  | 0.00427 | 0.00377 |  |  | -0.0419 | -0.0443 |  | -0.132\* | -0.137\* |
|  |  | (0.0570) | (0.0570) |  |  | (0.0799) | (0.0802) |  | (0.0774) | (0.0782) |
| Health |  | -0.0265 | -0.0266 |  |  | -0.0158 | -0.0164 |  | 0.0130 | 0.0126 |
|  |  | (0.0262) | (0.0262) |  |  | (0.0370) | (0.0370) |  | (0.0552) | (0.0550) |
| Working overtime |  |  | 0.0194 |  |  |  | 0.0337 |  |  | 0.0438 |
|  |  |  | (0.0425) |  |  |  | (0.0586) |  |  | (0.0718) |
| 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 | 0.035 | 0.037 | 0.037 |  | 0.055 | 0.057 | 0.058 | 0.004 | 0.010 | 0.010 |
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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) |
| Education years | 0.0128 | 0.0103 | 0.00941 |  | 0.0318 | 0.0289 | 0.0309 | -0.091\*\* | -0.091\*\* | -0.0925\*\* |
|  | (0.0147) | (0.0153) | (0.0153) |  | (0.0210) | (0.0223) | (0.0223) | (0.0442) | (0.0446) | (0.0446) |
| Age/10 | 0.616\*\* | 0.673\*\* | 0.665\*\* |  | 0.646 | 0.685 | 0.711 |  |  |  |
|  | (0.296) | (0.324) | (0.325) |  | (0.445) | (0.481) | (0.483) |  |  |  |
| Age2/100 | -0.0334 | -0.0428 | -0.0424 |  | -0.0263 | -0.0350 | -0.0368 |  |  |  |
|  | (0.0396) | (0.0419) | (0.0419) |  | (0.0586) | (0.0613) | (0.0615) |  |  |  |
| Male | -0.203\*\* | -0.188\*\* | -0.187\*\* |  | -0.208 | -0.194 | -0.199 |  |  |  |
|  | (0.0898) | (0.0906) | (0.0906) |  | (0.132) | (0.132) | (0.132) |  |  |  |
| Birth Weight | -0.0172 | -0.00523 | -0.00521 |  | 0.0526 | 0.0785 | 0.0796 | 0.161 | 0.115 | 0.117 |
|  | (0.0638) | (0.0641) | (0.0641) |  | (0.0920) | (0.0925) | (0.0927) | (0.163) | (0.173) | (0.173) |
| Early Disease | -0.602 | -0.665\* | -0.666\* |  | -1.088\*\* | -1.133\*\* | -1.133\*\* | -0.774 | -0.722 | -0.748 |
|  | (0.386) | (0.382) | (0.382) |  | (0.513) | (0.492) | (0.493) | (0.838) | (0.822) | (0.823) |
| Log(Income) |  | 0.0429 | 0.0492 |  |  | 0.0767 | 0.0637 |  | 0.190\* | 0.168 |
|  |  | (0.0624) | (0.0634) |  |  | (0.0897) | (0.0912) |  | (0.112) | (0.112) |
| Married |  | -0.124 | -0.123 |  |  | -0.145 | -0.152 |  | -0.356\*\* | -0.376\*\* |
|  |  | (0.102) | (0.102) |  |  | (0.150) | (0.150) |  | (0.161) | (0.162) |
| Health |  | -0.222\*\*\* | -0.221\*\*\* |  |  | -0.342\*\*\* | -0.344\*\*\* |  | -0.238\*\* | -0.240\*\* |
|  |  | (0.0530) | (0.0530) |  |  | (0.0764) | (0.0763) |  | (0.117) | (0.117) |
| Working overtime |  |  | -0.0450 |  |  |  | 0.103 |  |  | 0.188 |
|  |  |  | (0.0835) |  |  |  | (0.125) |  |  | (0.147) |
| 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 | 0.068 | 0.076 | 0.076 |  | 0.071 | 0.090 | 0.091 | 0.011 | 0.031 | 0.034 |

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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) |
| Education years | -0.069\*\*\* | -0.059\*\*\* | -0.059\*\*\* |  | -0.0984\*\*\* | -0.0913\*\*\* | -0.0933\*\*\* | -0.0296 | -0.0269 | -0.0275 |
|  | (0.0158) | (0.0166) | (0.0166) |  | (0.0230) | (0.0244) | (0.0245) | (0.0463) | (0.0478) | (0.0478) |
| Age/10 | 1.073\*\*\* | 0.623\* | 0.623\* |  | 1.508\*\*\* | 1.043\*\* | 1.017\* |  |  |  |
|  | (0.309) | (0.345) | (0.345) |  | (0.474) | (0.527) | (0.529) |  |  |  |
| Age2/100 | -0.0173 | 0.0290 | 0.0290 |  | -0.0689 | -0.0210 | -0.0192 |  |  |  |
|  | (0.0418) | (0.0447) | (0.0447) |  | (0.0643) | (0.0686) | (0.0686) |  |  |  |
| Male | -0.334\*\*\* | -0.274\*\*\* | -0.274\*\*\* |  | -0.408\*\*\* | -0.350\*\* | -0.344\*\* |  |  |  |
|  | (0.0957) | (0.0964) | (0.0966) |  | (0.137) | (0.137) | (0.138) |  |  |  |
| Birth Weight | -0.0895 | -0.0724 | -0.0724 |  | -0.0102 | 0.0101 | 0.00899 | -0.0500 | -0.00205 | -0.00120 |
|  | (0.0735) | (0.0731) | (0.0731) |  | (0.106) | (0.105) | (0.105) | (0.180) | (0.186) | (0.186) |
| Early Disease | 0.720\*\* | 0.638\*\* | 0.638\*\* |  | 0.490 | 0.404 | 0.404 | -0.332 | -0.419 | -0.431 |
|  | (0.289) | (0.290) | (0.290) |  | (0.413) | (0.409) | (0.410) | (0.533) | (0.530) | (0.539) |
| Log(Income) |  | -0.0963 | -0.0958 |  |  | -0.0698 | -0.0569 |  | -0.131 | -0.141 |
|  |  | (0.0667) | (0.0673) |  |  | (0.0951) | (0.0966) |  | (0.114) | (0.114) |
| Married |  | 0.338\*\*\* | 0.338\*\*\* |  |  | 0.336\* | 0.343\*\* |  | 0.262 | 0.253 |
|  |  | (0.116) | (0.116) |  |  | (0.172) | (0.172) |  | (0.188) | (0.190) |
| Health |  | -0.113\* | -0.113\* |  |  | -0.143\* | -0.141\* |  | -0.00709 | -0.00787 |
|  |  | (0.0586) | (0.0586) |  |  | (0.0823) | (0.0824) |  | (0.121) | (0.120) |
| Working overtime |  |  | -0.00309 |  |  |  | -0.102 |  |  | 0.0855 |
|  |  |  | (0.0891) |  |  |  | (0.130) |  |  | (0.137) |
| 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 | 0.250 | 0.255 | 0.255 |  | 0.273 | 0.278 | 0.279 | 0.002 | 0.006 | 0.007 |
|  | | | | | | | | | | |