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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) |
| Travel | 0.106\*\*\* | 0.0785\* | 0.0806\*\* |  | 0.0784 | 0.0313 | 0.0376 | -0.0274 | -0.0249 | -0.0239 |
|  | (0.0405) | (0.0408) | (0.0408) |  | (0.0551) | (0.0564) | (0.0566) | (0.0758) | (0.0753) | (0.0751) |
| Age/10 | -0.0820 | -0.361\*\* | -0.354\*\* |  | -0.148 | -0.472\*\* | -0.454\*\* |  |  |  |
|  | (0.127) | (0.143) | (0.143) |  | (0.179) | (0.204) | (0.203) |  |  |  |
| Age2/100 | 0.0209 | 0.0525\*\*\* | 0.0521\*\*\* |  | 0.0349 | 0.0705\*\*\* | 0.0691\*\*\* |  |  |  |
|  | (0.0172) | (0.0184) | (0.0184) |  | (0.0238) | (0.0258) | (0.0257) |  |  |  |
| Male | 0.148\*\*\* | 0.134\*\*\* | 0.132\*\*\* |  | 0.173\*\*\* | 0.155\*\*\* | 0.152\*\*\* |  |  |  |
|  | (0.0371) | (0.0371) | (0.0371) |  | (0.0528) | (0.0536) | (0.0534) |  |  |  |
| Birth Weight | 0.00837 | -0.00383 | -0.00392 |  | -0.0192 | -0.0335 | -0.0328 | -0.0618 | -0.0497 | -0.0503 |
|  | (0.0282) | (0.0276) | (0.0276) |  | (0.0390) | (0.0376) | (0.0376) | (0.0718) | (0.0719) | (0.0714) |
| Early Disease | -0.185 | -0.133 | -0.132 |  | -0.0220 | -0.00352 | -0.00392 | -0.127 | -0.148 | -0.139 |
|  | (0.147) | (0.142) | (0.142) |  | (0.220) | (0.218) | (0.218) | (0.228) | (0.231) | (0.229) |
| Log(Income) |  | 0.0513\*\* | 0.0464\* |  |  | 0.0702\* | 0.0627 |  | 0.00834 | 0.0152 |
|  |  | (0.0259) | (0.0264) |  |  | (0.0390) | (0.0396) |  | (0.0576) | (0.0585) |
| Married |  | 0.247\*\*\* | 0.246\*\*\* |  |  | 0.287\*\*\* | 0.282\*\*\* |  | 0.196\*\* | 0.203\*\* |
|  |  | (0.0475) | (0.0475) |  |  | (0.0723) | (0.0720) |  | (0.0893) | (0.0894) |
| Health |  | 0.128\*\*\* | 0.127\*\*\* |  |  | 0.116\*\*\* | 0.115\*\*\* |  | 0.0677 | 0.0682 |
|  |  | (0.0235) | (0.0235) |  |  | (0.0324) | (0.0323) |  | (0.0453) | (0.0452) |
| Working overtime |  |  | 0.0422 |  |  |  | 0.0694 |  |  | -0.0597 |
|  |  |  | (0.0350) |  |  |  | (0.0498) |  |  | (0.0700) |
| 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 | 0.048 | 0.049 |  | 0.032 | 0.064 | 0.065 | 0.002 | 0.013 | 0.014 |
|  | | | | | | | | | | |

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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) |
| Travel | 0.0839\*\* | 0.0810\*\* | 0.0823\*\* |  | 0.0408 | 0.0354 | 0.0363 | 0.0635 | 0.0645 | 0.0674 |
|  | (0.0382) | (0.0388) | (0.0389) |  | (0.0548) | (0.0566) | (0.0567) | (0.0646) | (0.0650) | (0.0640) |
| Age/10 | 0.208\* | 0.173 | 0.178 |  | 0.145 | 0.0919 | 0.0943 |  |  |  |
|  | (0.126) | (0.137) | (0.137) |  | (0.181) | (0.195) | (0.196) |  |  |  |
| Age2/100 | -0.0138 | -0.00901 | -0.00924 |  | 0.000208 | 0.00680 | 0.00661 |  |  |  |
|  | (0.0167) | (0.0176) | (0.0176) |  | (0.0238) | (0.0250) | (0.0250) |  |  |  |
| Male | 0.0428 | 0.0362 | 0.0350 |  | 0.0626 | 0.0595 | 0.0590 |  |  |  |
|  | (0.0354) | (0.0359) | (0.0359) |  | (0.0507) | (0.0522) | (0.0522) |  |  |  |
| Birth Weight | 0.00394 | -0.000873 | -0.000925 |  | -0.00355 | -0.00999 | -0.00990 | -0.0984 | -0.0987 | -0.101 |
|  | (0.0284) | (0.0283) | (0.0283) |  | (0.0402) | (0.0399) | (0.0399) | (0.0651) | (0.0649) | (0.0638) |
| Early Disease | -0.208\* | -0.185 | -0.184 |  | 0.0212 | 0.0292 | 0.0292 | 0.151 | 0.157 | 0.183 |
|  | (0.126) | (0.126) | (0.126) |  | (0.180) | (0.175) | (0.175) | (0.281) | (0.278) | (0.260) |
| Log(Income) |  | -0.00970 | -0.0126 |  |  | -0.0119 | -0.0129 |  | 0.00473 | 0.0263 |
|  |  | (0.0240) | (0.0244) |  |  | (0.0345) | (0.0348) |  | (0.0448) | (0.0451) |
| Married |  | 0.0551 | 0.0543 |  |  | 0.0696 | 0.0689 |  | 0.0540 | 0.0741 |
|  |  | (0.0437) | (0.0437) |  |  | (0.0613) | (0.0615) |  | (0.0622) | (0.0609) |
| Health |  | 0.0817\*\*\* | 0.0816\*\*\* |  |  | 0.0822\*\*\* | 0.0820\*\*\* |  | 0.0569 | 0.0587 |
|  |  | (0.0219) | (0.0219) |  |  | (0.0302) | (0.0302) |  | (0.0376) | (0.0376) |
| Working overtime |  |  | 0.0253 |  |  |  | 0.00931 |  |  | -0.188\*\*\* |
|  |  |  | (0.0334) |  |  |  | (0.0489) |  |  | (0.0592) |
| 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 | 0.023 | 0.030 | 0.030 |  | 0.036 | 0.044 | 0.044 | 0.004 | 0.008 | 0.023 |

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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) |
| Travel | 0.115\*\*\* | 0.0675\* | 0.0652\* |  | 0.0805 | 0.0174 | 0.0113 | 0.0148 | 0.00352 | 0.00443 |
|  | (0.0357) | (0.0358) | (0.0359) |  | (0.0499) | (0.0490) | (0.0491) | (0.0734) | (0.0718) | (0.0714) |
| Age/10 | -0.123 | -0.299\*\* | -0.307\*\* |  | -0.200 | -0.281 | -0.298\* |  |  |  |
|  | (0.115) | (0.126) | (0.126) |  | (0.156) | (0.174) | (0.174) |  |  |  |
| Age2/100 | 0.0116 | 0.0324\*\* | 0.0328\*\* |  | 0.0240 | 0.0340 | 0.0353 |  |  |  |
|  | (0.0157) | (0.0164) | (0.0165) |  | (0.0211) | (0.0224) | (0.0224) |  |  |  |
| Male | -0.104\*\*\* | -0.135\*\*\* | -0.133\*\*\* |  | -0.0959\*\* | -0.139\*\*\* | -0.135\*\*\* |  |  |  |
|  | (0.0324) | (0.0326) | (0.0326) |  | (0.0451) | (0.0456) | (0.0455) |  |  |  |
| Birth Weight | -0.00248 | -0.0186 | -0.0186 |  | 0.0360 | 0.0172 | 0.0165 | 0.0104 | -0.00635 | -0.00691 |
|  | (0.0270) | (0.0265) | (0.0264) |  | (0.0355) | (0.0331) | (0.0331) | (0.0706) | (0.0666) | (0.0662) |
| Early Disease | 0.0790 | 0.150 | 0.149 |  | 0.174 | 0.229 | 0.229 | -0.000468 | 0.0369 | 0.0450 |
|  | (0.0994) | (0.0930) | (0.0933) |  | (0.140) | (0.141) | (0.141) | (0.231) | (0.241) | (0.240) |
| Log(Income) |  | 0.111\*\*\* | 0.116\*\*\* |  |  | 0.120\*\*\* | 0.127\*\*\* |  | 0.0923\* | 0.0990\*\* |
|  |  | (0.0213) | (0.0217) |  |  | (0.0287) | (0.0292) |  | (0.0474) | (0.0474) |
| Married |  | 0.149\*\*\* | 0.150\*\*\* |  |  | 0.0841 | 0.0888 |  | 0.0959 | 0.102 |
|  |  | (0.0417) | (0.0417) |  |  | (0.0611) | (0.0610) |  | (0.0716) | (0.0723) |
| Health |  | 0.111\*\*\* | 0.111\*\*\* |  |  | 0.114\*\*\* | 0.115\*\*\* |  | 0.136\*\*\* | 0.137\*\*\* |
|  |  | (0.0200) | (0.0200) |  |  | (0.0273) | (0.0274) |  | (0.0376) | (0.0375) |
| Working overtime |  |  | -0.0444 |  |  |  | -0.0678 |  |  | -0.0580 |
|  |  |  | (0.0308) |  |  |  | (0.0421) |  |  | (0.0553) |
| 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 | 0.053 | 0.053 |  | 0.020 | 0.055 | 0.057 | 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) |
| Travel | 0.0578 | 0.0581 | 0.0593 |  | 0.0577 | 0.0456 | 0.0448 | -0.0832 | -0.0779 | -0.0775 |
|  | (0.0401) | (0.0406) | (0.0406) |  | (0.0562) | (0.0559) | (0.0557) | (0.0607) | (0.0612) | (0.0612) |
| Age/10 | -0.120 | -0.0938 | -0.0895 |  | -0.209 | -0.222 | -0.225 |  |  |  |
|  | (0.128) | (0.142) | (0.143) |  | (0.190) | (0.209) | (0.210) |  |  |  |
| Age2/100 | 0.0247 | 0.0232 | 0.0229 |  | 0.0361 | 0.0390 | 0.0391 |  |  |  |
|  | (0.0176) | (0.0188) | (0.0188) |  | (0.0260) | (0.0276) | (0.0276) |  |  |  |
| Male | -0.0747\*\* | -0.0828\*\* | -0.0841\*\* |  | -0.0813 | -0.0926\* | -0.0921\* |  |  |  |
|  | (0.0368) | (0.0372) | (0.0372) |  | (0.0532) | (0.0542) | (0.0542) |  |  |  |
| Birth Weight | 0.00995 | 0.00523 | 0.00518 |  | -0.0615 | -0.0717\* | -0.0718\* | -0.200\* | -0.205\* | -0.205\* |
|  | (0.0298) | (0.0294) | (0.0294) |  | (0.0408) | (0.0391) | (0.0391) | (0.104) | (0.105) | (0.105) |
| Early Disease | -0.0715 | -0.0466 | -0.0462 |  | 0.232 | 0.253 | 0.253 | 0.356 | 0.380\* | 0.383\* |
|  | (0.141) | (0.139) | (0.139) |  | (0.194) | (0.187) | (0.187) | (0.222) | (0.209) | (0.211) |
| Log(Income) |  | -0.0214 | -0.0244 |  |  | -0.00288 | -0.00191 |  | -0.0180 | -0.0152 |
|  |  | (0.0231) | (0.0235) |  |  | (0.0330) | (0.0337) |  | (0.0515) | (0.0522) |
| Married |  | 0.0131 | 0.0122 |  |  | 0.0468 | 0.0474 |  | 0.0299 | 0.0326 |
|  |  | (0.0432) | (0.0432) |  |  | (0.0615) | (0.0613) |  | (0.0755) | (0.0760) |
| Health |  | 0.0913\*\*\* | 0.0912\*\*\* |  |  | 0.114\*\*\* | 0.115\*\*\* |  | 0.122\*\*\* | 0.122\*\*\* |
|  |  | (0.0224) | (0.0224) |  |  | (0.0331) | (0.0331) |  | (0.0449) | (0.0450) |
| Working overtime |  |  | 0.0255 |  |  |  | -0.00895 |  |  | -0.0247 |
|  |  |  | (0.0334) |  |  |  | (0.0476) |  |  | (0.0623) |
| 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 | 0.027 |  | 0.028 | 0.041 | 0.041 | 0.017 | 0.031 | 0.031 |
|  | | | | | | | | | | |

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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) |
| Travel | -0.00685 | -0.0136 | | -0.0117 |  | -0.0944 | -0.112\* | -0.112\* | -0.0665 | -0.0646 | -0.0646 |
|  | (0.0420) | (0.0425) | | (0.0424) |  | (0.0588) | (0.0585) | (0.0585) | (0.0839) | (0.0832) | (0.0833) |
| Age/10 | 0.0428 | -0.106 | | -0.0991 |  | -0.115 | -0.293 | -0.293 |  |  |  |
|  | (0.126) | (0.141) | | (0.141) |  | (0.176) | (0.201) | (0.201) |  |  |  |
| Age2/100 | 0.00960 | 0.0272 | | 0.0268 |  | 0.0309 | 0.0514\*\* | 0.0514\*\* |  |  |  |
|  | (0.0171) | (0.0183) | | (0.0183) |  | (0.0234) | (0.0257) | (0.0257) |  |  |  |
| Male | -0.0852\*\* | -0.0927\*\* | | -0.0946\*\* |  | -0.0952\* | -0.102\* | -0.102\* |  |  |  |
|  | (0.0372) | (0.0373) | | (0.0373) |  | (0.0527) | (0.0538) | (0.0539) |  |  |  |
| Birth Weight | 0.00454 | -0.00341 | | -0.00350 |  | -0.0222 | -0.0349 | -0.0349 | -0.0228 | -0.0181 | -0.0181 |
|  | (0.0298) | (0.0295) | | (0.0295) |  | (0.0426) | (0.0423) | (0.0422) | (0.0682) | (0.0700) | (0.0701) |
| Early Disease | -0.139 | -0.102 | | -0.102 |  | 0.172 | 0.186 | 0.186 | 0.265 | 0.264 | 0.264 |
|  | (0.149) | (0.144) | | (0.144) |  | (0.205) | (0.198) | (0.198) | (0.292) | (0.280) | (0.279) |
| Log(Income) |  | -0.00844 | | -0.0130 |  |  | -0.00551 | -0.00530 |  | 0.0176 | 0.0175 |
|  |  | (0.0238) | | (0.0241) |  |  | (0.0342) | (0.0346) |  | (0.0552) | (0.0558) |
| Married |  | 0.159\*\*\* | | 0.158\*\*\* |  |  | 0.189\*\*\* | 0.190\*\*\* |  | 0.185\*\* | 0.185\*\* |
|  |  | (0.0460) | | (0.0459) |  |  | (0.0703) | (0.0703) |  | (0.0871) | (0.0870) |
| Health |  | 0.130\*\*\* | | 0.130\*\*\* |  |  | 0.151\*\*\* | 0.151\*\*\* |  | 0.124\*\*\* | 0.124\*\*\* |
|  |  | (0.0224) | | (0.0224) |  |  | (0.0312) | (0.0312) |  | (0.0475) | (0.0474) |
| Working overtime |  |  | | 0.0394 |  |  |  | -0.00188 |  |  | 0.00147 |
|  |  |  | | (0.0350) |  |  |  | (0.0505) |  |  | (0.0641) |
| 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 | 0.047 | | 0.048 |  | 0.036 | 0.062 | 0.062 | 0.003 | 0.023 | 0.023 |
|  | | | | | | | | | | | |

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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) |
| Travel | -0.0776 | -0.0548 | -0.0564 |  | -0.117 | -0.0820 | -0.0892 | -0.0738 | -0.0664 | -0.0667 |
|  | (0.0575) | (0.0581) | (0.0581) |  | (0.0813) | (0.0832) | (0.0831) | (0.103) | (0.104) | (0.104) |
| Age/10 | -0.502\*\*\* | -0.443\*\* | -0.449\*\* |  | -0.593\*\* | -0.648\*\* | -0.668\*\* |  |  |  |
|  | (0.167) | (0.182) | (0.182) |  | (0.243) | (0.261) | (0.262) |  |  |  |
| Age2/100 | 0.0599\*\*\* | 0.0522\*\* | 0.0525\*\* |  | 0.0677\*\* | 0.0723\*\* | 0.0739\*\* |  |  |  |
|  | (0.0224) | (0.0235) | (0.0235) |  | (0.0320) | (0.0332) | (0.0333) |  |  |  |
| Male | -0.0294 | -0.0108 | -0.00921 |  | 0.0906 | 0.121\* | 0.126\* |  |  |  |
|  | (0.0486) | (0.0493) | (0.0492) |  | (0.0689) | (0.0705) | (0.0703) |  |  |  |
| Birth Weight | -0.0427 | -0.0329 | -0.0328 |  | -0.0475 | -0.0347 | -0.0355 | -0.161\* | -0.152\* | -0.152\* |
|  | (0.0401) | (0.0398) | (0.0398) |  | (0.0540) | (0.0539) | (0.0538) | (0.0929) | (0.0914) | (0.0915) |
| Early Disease | -0.0334 | -0.0768 | -0.0773 |  | -0.00159 | -0.0439 | -0.0434 | -0.0491 | -0.0627 | -0.0653 |
|  | (0.187) | (0.190) | (0.190) |  | (0.281) | (0.285) | (0.283) | (0.329) | (0.334) | (0.334) |
| Log(Income) |  | -0.0477 | -0.0441 |  |  | -0.0643 | -0.0556 |  | -0.0468 | -0.0489 |
|  |  | (0.0328) | (0.0336) |  |  | (0.0475) | (0.0486) |  | (0.0731) | (0.0748) |
| Married |  | -0.0619 | -0.0609 |  |  | 0.0257 | 0.0313 |  | 0.00163 | -0.000355 |
|  |  | (0.0568) | (0.0569) |  |  | (0.0837) | (0.0838) |  | (0.105) | (0.106) |
| Health |  | -0.0837\*\*\* | -0.0835\*\*\* |  |  | -0.0857\*\* | -0.0841\* |  | -0.0121 | -0.0123 |
|  |  | (0.0305) | (0.0305) |  |  | (0.0435) | (0.0434) |  | (0.0655) | (0.0656) |
| Working overtime |  |  | -0.0315 |  |  |  | -0.0807 |  |  | 0.0185 |
|  |  |  | (0.0463) |  |  |  | (0.0684) |  |  | (0.0932) |
| 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 | 0.023 | 0.024 |  | 0.032 | 0.038 | 0.039 | 0.005 | 0.006 | 0.006 |
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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) | |
| Travel | -0.0449 | -0.0200 | -0.0220 |  | -0.0944 | -0.0720 | -0.0836 | -0.0714 | -0.0647 | -0.0638 |
|  | (0.0620) | (0.0629) | (0.0629) |  | (0.0860) | (0.0880) | (0.0877) | (0.0958) | (0.0968) | (0.0964) |
| Age/10 | -0.209 | -0.273 | -0.281 |  | -0.574\*\* | -0.667\*\* | -0.701\*\* |  |  |  |
|  | (0.187) | (0.202) | (0.203) |  | (0.275) | (0.300) | (0.301) |  |  |  |
| Age2/100 | 0.0164 | 0.0221 | 0.0226 |  | 0.0575 | 0.0672\* | 0.0697\* |  |  |  |
|  | (0.0248) | (0.0260) | (0.0260) |  | (0.0359) | (0.0379) | (0.0379) |  |  |  |
| Male | -0.193\*\*\* | -0.170\*\*\* | -0.168\*\*\* |  | -0.111 | -0.0890 | -0.0819 |  |  |  |
|  | (0.0547) | (0.0556) | (0.0557) |  | (0.0787) | (0.0807) | (0.0805) |  |  |  |
| Birth Weight | -0.0640 | -0.0553 | -0.0552 |  | -0.0489 | -0.0430 | -0.0443 | -0.159 | -0.150 | -0.151 |
|  | (0.0439) | (0.0437) | (0.0436) |  | (0.0608) | (0.0609) | (0.0604) | (0.101) | (0.0994) | (0.0996) |
| Early Disease | 0.129 | 0.0905 | 0.0902 |  | 0.0986 | 0.0701 | 0.0708 | 0.284 | 0.273 | 0.281 |
|  | (0.207) | (0.208) | (0.209) |  | (0.312) | (0.311) | (0.308) | (0.189) | (0.193) | (0.193) |
| Log(Income) |  | -0.0598\* | -0.0546 |  |  | -0.0542 | -0.0403 |  | -0.0328 | -0.0265 |
|  |  | (0.0352) | (0.0357) |  |  | (0.0492) | (0.0497) |  | (0.0717) | (0.0736) |
| Married |  | 0.0494 | 0.0510 |  |  | 0.0775 | 0.0865 |  | 0.0610 | 0.0669 |
|  |  | (0.0625) | (0.0627) |  |  | (0.0925) | (0.0938) |  | (0.0963) | (0.0974) |
| Health |  | -0.0457 | -0.0455 |  |  | -0.0161 | -0.0135 |  | 0.0317 | 0.0322 |
|  |  | (0.0332) | (0.0332) |  |  | (0.0471) | (0.0470) |  | (0.0661) | (0.0659) |
| Working overtime |  |  | -0.0451 |  |  |  | -0.129\* |  |  | -0.0550 |
|  |  |  | (0.0514) |  |  |  | (0.0742) |  |  | (0.0859) |
| 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 |  | 0.027 | 0.029 | 0.032 | 0.006 | 0.008 | 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) | |
| Travel | 0.0391 | 0.0142 | 0.0158 |  | 0.00956 | -0.0229 | -0.0213 | -0.0557 | -0.0695 | -0.0704 |
|  | (0.0608) | (0.0613) | (0.0613) |  | (0.0880) | (0.0892) | (0.0892) | (0.0999) | (0.1000) | (0.100) |
| Age/10 | -0.311\* | -0.234 | -0.229 |  | -0.157 | -0.0944 | -0.0896 |  |  |  |
|  | (0.184) | (0.201) | (0.202) |  | (0.274) | (0.299) | (0.302) |  |  |  |
| Age2/100 | 0.0318 | 0.0237 | 0.0234 |  | 0.0121 | 0.00519 | 0.00482 |  |  |  |
|  | (0.0246) | (0.0260) | (0.0261) |  | (0.0365) | (0.0385) | (0.0387) |  |  |  |
| Male | -0.0606 | -0.0781 | -0.0797 |  | -0.105 | -0.131\* | -0.132\* |  |  |  |
|  | (0.0533) | (0.0540) | (0.0540) |  | (0.0770) | (0.0791) | (0.0791) |  |  |  |
| Birth Weight | -0.0900\*\* | -0.0946\*\* | -0.0947\*\* |  | -0.141\*\* | -0.146\*\*\* | -0.145\*\*\* | -0.119 | -0.144 | -0.144 |
|  | (0.0413) | (0.0412) | (0.0412) |  | (0.0561) | (0.0557) | (0.0557) | (0.110) | (0.108) | (0.108) |
| Early Disease | -0.00550 | 0.0152 | 0.0157 |  | 0.110 | 0.139 | 0.139 | -0.320 | -0.272 | -0.280 |
|  | (0.205) | (0.204) | (0.203) |  | (0.321) | (0.315) | (0.315) | (0.451) | (0.446) | (0.442) |
| Log(Income) |  | 0.0759\*\* | 0.0723\*\* |  |  | 0.0909\* | 0.0889\* |  | 0.0784 | 0.0719 |
|  |  | (0.0334) | (0.0340) |  |  | (0.0496) | (0.0504) |  | (0.0704) | (0.0711) |
| Married |  | -0.0846 | -0.0856 |  |  | -0.0717 | -0.0730 |  | -0.110 | -0.116 |
|  |  | (0.0618) | (0.0618) |  |  | (0.0935) | (0.0939) |  | (0.116) | (0.115) |
| Health |  | -0.0258 | -0.0260 |  |  | -0.0303 | -0.0307 |  | 0.0279 | 0.0274 |
|  |  | (0.0310) | (0.0310) |  |  | (0.0442) | (0.0443) |  | (0.0622) | (0.0625) |
| Working overtime |  |  | 0.0313 |  |  |  | 0.0185 |  |  | 0.0568 |
|  |  |  | (0.0499) |  |  |  | (0.0748) |  |  | (0.0988) |
| 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 | 0.029 | 0.032 | 0.032 |  | 0.032 | 0.036 | 0.036 | 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) | |
| Travel | -0.0704 | -0.0720 | -0.0732 |  | -0.0416 | -0.0350 | -0.0440 | -0.0649 | -0.0591 | -0.0614 |
|  | (0.0559) | (0.0566) | (0.0565) |  | (0.0792) | (0.0806) | (0.0801) | (0.0945) | (0.0963) | (0.0973) |
| Age/10 | -0.220 | -0.256 | -0.261 |  | -0.376 | -0.444 | -0.470\* |  |  |  |
|  | (0.169) | (0.186) | (0.186) |  | (0.250) | (0.270) | (0.270) |  |  |  |
| Age2/100 | 0.0213 | 0.0240 | 0.0243 |  | 0.0403 | 0.0467 | 0.0487 |  |  |  |
|  | (0.0228) | (0.0242) | (0.0242) |  | (0.0334) | (0.0351) | (0.0350) |  |  |  |
| Male | -0.122\*\* | -0.115\*\* | -0.114\*\* |  | -0.0990 | -0.0883 | -0.0827 |  |  |  |
|  | (0.0479) | (0.0486) | (0.0487) |  | (0.0704) | (0.0725) | (0.0723) |  |  |  |
| Birth Weight | -0.0190 | -0.0151 | -0.0151 |  | -0.0327 | -0.0267 | -0.0276 | -0.0885 | -0.0791 | -0.0777 |
|  | (0.0406) | (0.0407) | (0.0407) |  | (0.0570) | (0.0571) | (0.0567) | (0.0861) | (0.0849) | (0.0845) |
| Early Disease | 0.0406 | 0.0209 | 0.0205 |  | 0.133 | 0.114 | 0.115 | -0.192 | -0.207 | -0.227 |
|  | (0.181) | (0.183) | (0.183) |  | (0.279) | (0.279) | (0.280) | (0.408) | (0.406) | (0.404) |
| Log(Income) |  | 0.0211 | 0.0240 |  |  | -0.00227 | 0.00857 |  | -0.0270 | -0.0435 |
|  |  | (0.0324) | (0.0331) |  |  | (0.0485) | (0.0496) |  | (0.0673) | (0.0671) |
| Married |  | -0.000147 | 0.000682 |  |  | 0.0361 | 0.0431 |  | 0.0734 | 0.0580 |
|  |  | (0.0555) | (0.0556) |  |  | (0.0800) | (0.0805) |  | (0.103) | (0.103) |
| Health |  | -0.0758\*\* | -0.0757\*\* |  |  | -0.0601 | -0.0581 |  | 0.0227 | 0.0213 |
|  |  | (0.0299) | (0.0299) |  |  | (0.0440) | (0.0438) |  | (0.0628) | (0.0631) |
| Working overtime |  |  | -0.0254 |  |  |  | -0.101 |  |  | 0.144 |
|  |  |  | (0.0459) |  |  |  | (0.0665) |  |  | (0.0890) |
| 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 | 0.021 | 0.021 |  | 0.023 | 0.025 | 0.027 | 0.003 | 0.004 | 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) | |
| Travel | -0.0589 | -0.0571 | -0.0608 |  | -0.0363 | -0.0371 | -0.0536 | -0.0136 | -0.00831 | -0.00834 |
|  | (0.0589) | (0.0597) | (0.0596) |  | (0.0840) | (0.0858) | (0.0849) | (0.0962) | (0.0979) | (0.0978) |
| Age/10 | -0.309\* | -0.328\* | -0.342\* |  | -0.533\*\* | -0.532\* | -0.580\*\* |  |  |  |
|  | (0.179) | (0.196) | (0.196) |  | (0.259) | (0.284) | (0.286) |  |  |  |
| Age2/100 | 0.0332 | 0.0345 | 0.0353 |  | 0.0583\* | 0.0581 | 0.0617\* |  |  |  |
|  | (0.0239) | (0.0254) | (0.0254) |  | (0.0344) | (0.0365) | (0.0365) |  |  |  |
| Male | -0.102\*\* | -0.0956\* | -0.0917\* |  | -0.0440 | -0.0445 | -0.0343 |  |  |  |
|  | (0.0501) | (0.0513) | (0.0513) |  | (0.0722) | (0.0750) | (0.0747) |  |  |  |
| Birth Weight | -0.0560 | -0.0526 | -0.0524 |  | -0.0568 | -0.0565 | -0.0582 | -0.124 | -0.126 | -0.126 |
|  | (0.0410) | (0.0411) | (0.0410) |  | (0.0541) | (0.0544) | (0.0537) | (0.0916) | (0.0912) | (0.0913) |
| Early Disease | 0.0840 | 0.0670 | 0.0657 |  | 0.187 | 0.187 | 0.188 | 0.0165 | 0.0303 | 0.0301 |
|  | (0.198) | (0.199) | (0.200) |  | (0.313) | (0.313) | (0.316) | (0.332) | (0.324) | (0.323) |
| Log(Income) |  | 0.00710 | 0.0159 |  |  | 0.00400 | 0.0237 |  | -0.0219 | -0.0221 |
|  |  | (0.0323) | (0.0326) |  |  | (0.0468) | (0.0472) |  | (0.0728) | (0.0738) |
| Married |  | -0.00334 | -0.000768 |  |  | -0.00336 | 0.00938 |  | 0.0253 | 0.0251 |
|  |  | (0.0589) | (0.0591) |  |  | (0.0898) | (0.0909) |  | (0.104) | (0.105) |
| Health |  | -0.0545\* | -0.0540\* |  |  | -0.00665 | -0.00305 |  | 0.0850 | 0.0850 |
|  |  | (0.0311) | (0.0311) |  |  | (0.0453) | (0.0450) |  | (0.0616) | (0.0616) |
| Working overtime |  |  | -0.0773\* |  |  |  | -0.183\*\*\* |  |  | 0.00167 |
|  |  |  | (0.0463) |  |  |  | (0.0674) |  |  | (0.0877) |
| 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 | 0.006 | 0.006 | |
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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) | |
| Travel | -0.103\*\* | -0.0919\*\* | -0.0906\*\* |  | -0.109\* | -0.0906 | -0.0854 | -0.0494 | -0.0459 | -0.0463 |
|  | (0.0433) | (0.0442) | (0.0441) |  | (0.0592) | (0.0602) | (0.0603) | (0.0699) | (0.0704) | (0.0706) |
| Age/10 | -0.260\* | -0.166 | -0.161 |  | -0.247 | -0.185 | -0.169 |  |  |  |
|  | (0.138) | (0.156) | (0.156) |  | (0.188) | (0.209) | (0.211) |  |  |  |
| Age2/100 | 0.0237 | 0.0132 | 0.0129 |  | 0.0183 | 0.0112 | 0.0100 |  |  |  |
|  | (0.0185) | (0.0200) | (0.0200) |  | (0.0245) | (0.0261) | (0.0263) |  |  |  |
| Male | -0.0986\*\* | -0.0935\*\* | -0.0949\*\* |  | -0.0926\* | -0.0815 | -0.0847 |  |  |  |
|  | (0.0400) | (0.0405) | (0.0406) |  | (0.0542) | (0.0546) | (0.0544) |  |  |  |
| Birth Weight | -0.0390 | -0.0350 | -0.0350 |  | -0.0315 | -0.0251 | -0.0246 | 0.0113 | 0.00403 | 0.00424 |
|  | (0.0328) | (0.0325) | (0.0324) |  | (0.0417) | (0.0409) | (0.0409) | (0.100) | (0.100) | (0.100) |
| Early Disease | 0.107 | 0.0912 | 0.0917 |  | -0.105 | -0.119 | -0.120 | -0.205 | -0.182 | -0.185 |
|  | (0.146) | (0.145) | (0.145) |  | (0.159) | (0.157) | (0.159) | (0.270) | (0.275) | (0.275) |
| Log(Income) |  | -0.0247 | -0.0280 |  |  | -0.0302 | -0.0364 |  | -0.0209 | -0.0235 |
|  |  | (0.0258) | (0.0262) |  |  | (0.0351) | (0.0358) |  | (0.0495) | (0.0502) |
| Married |  | -0.0783 | -0.0792 |  |  | -0.0609 | -0.0649 |  | -0.0593 | -0.0617 |
|  |  | (0.0508) | (0.0508) |  |  | (0.0717) | (0.0721) |  | (0.0852) | (0.0851) |
| Health |  | -0.0317 | -0.0318 |  |  | -0.0485 | -0.0497 |  | 0.0539 | 0.0537 |
|  |  | (0.0243) | (0.0243) |  |  | (0.0343) | (0.0342) |  | (0.0499) | (0.0499) |
| Working overtime |  |  | 0.0281 |  |  |  | 0.0582 |  |  | 0.0223 |
|  |  |  | (0.0378) |  |  |  | (0.0536) |  |  | (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 | 0.019 | 0.021 | 0.022 |  | 0.028 | 0.031 | 0.032 | 0.002 | 0.005 | 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) | |
| Travel | -0.0623 | -0.0585 | -0.0542 |  | -0.0376 | -0.0313 | -0.0235 | -0.0173 | -0.0216 | -0.0217 |
|  | (0.0522) | (0.0533) | (0.0533) |  | (0.0729) | (0.0742) | (0.0741) | (0.0867) | (0.0887) | (0.0888) |
| Age/10 | -0.225 | -0.274 | -0.257 |  | -0.279 | -0.299 | -0.276 |  |  |  |
|  | (0.164) | (0.180) | (0.181) |  | (0.229) | (0.251) | (0.253) |  |  |  |
| Age2/100 | 0.0179 | 0.0226 | 0.0216 |  | 0.0237 | 0.0255 | 0.0238 |  |  |  |
|  | (0.0218) | (0.0232) | (0.0232) |  | (0.0297) | (0.0315) | (0.0316) |  |  |  |
| Male | -0.168\*\*\* | -0.161\*\*\* | -0.166\*\*\* |  | -0.105 | -0.0982 | -0.103 |  |  |  |
|  | (0.0482) | (0.0486) | (0.0485) |  | (0.0656) | (0.0667) | (0.0666) |  |  |  |
| Birth Weight | -0.0784\*\* | -0.0761\*\* | -0.0762\*\* |  | -0.0374 | -0.0342 | -0.0333 | -0.0585 | -0.0720 | -0.0720 |
|  | (0.0377) | (0.0377) | (0.0375) |  | (0.0480) | (0.0476) | (0.0475) | (0.0720) | (0.0738) | (0.0739) |
| Early Disease | 0.232 | 0.219 | 0.221 |  | 0.103 | 0.0936 | 0.0931 | 0.207 | 0.240 | 0.239 |
|  | (0.194) | (0.195) | (0.195) |  | (0.205) | (0.203) | (0.206) | (0.236) | (0.243) | (0.244) |
| Log(Income) |  | -0.00566 | -0.0165 |  |  | -0.00870 | -0.0181 |  | 0.0345 | 0.0337 |
|  |  | (0.0294) | (0.0299) |  |  | (0.0411) | (0.0416) |  | (0.0535) | (0.0551) |
| Married |  | 0.0319 | 0.0289 |  |  | 0.00883 | 0.00279 |  | -0.0105 | -0.0112 |
|  |  | (0.0566) | (0.0566) |  |  | (0.0789) | (0.0793) |  | (0.0851) | (0.0858) |
| Health |  | -0.0240 | -0.0247 |  |  | -0.0270 | -0.0287 |  | 0.0822 | 0.0822 |
|  |  | (0.0272) | (0.0272) |  |  | (0.0388) | (0.0388) |  | (0.0509) | (0.0510) |
| Working overtime |  |  | 0.0948\*\* |  |  |  | 0.0870 |  |  | 0.00654 |
|  |  |  | (0.0435) |  |  |  | (0.0604) |  |  | (0.0651) |
| 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 | 0.034 | 0.035 | 0.037 |  | 0.033 | 0.033 | 0.035 | 0.002 | 0.007 | 0.007 | |
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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) | |
| Travel | -0.0400 | -0.0260 | -0.0220 |  | -0.0574 | -0.0304 | -0.0260 | 0.0362 | 0.0464 | 0.0461 |
|  | (0.0520) | (0.0525) | (0.0525) |  | (0.0700) | (0.0706) | (0.0709) | (0.0882) | (0.0882) | (0.0882) |
| Age/10 | -0.314\*\* | -0.213 | -0.200 |  | -0.289 | -0.173 | -0.160 |  |  |  |
|  | (0.154) | (0.175) | (0.176) |  | (0.209) | (0.237) | (0.239) |  |  |  |
| Age2/100 | 0.0194 | 0.00825 | 0.00753 |  | 0.0180 | 0.00514 | 0.00419 |  |  |  |
|  | (0.0205) | (0.0224) | (0.0224) |  | (0.0273) | (0.0297) | (0.0299) |  |  |  |
| Male | -0.0450 | -0.0388 | -0.0427 |  | -0.0515 | -0.0380 | -0.0406 |  |  |  |
|  | (0.0438) | (0.0446) | (0.0446) |  | (0.0595) | (0.0609) | (0.0608) |  |  |  |
| Birth Weight | -0.0441 | -0.0398 | -0.0400 |  | -0.0419 | -0.0346 | -0.0341 | 0.0761 | 0.0591 | 0.0593 |
|  | (0.0370) | (0.0367) | (0.0366) |  | (0.0486) | (0.0476) | (0.0476) | (0.0983) | (0.0983) | (0.0986) |
| Early Disease | -0.0621 | -0.0794 | -0.0781 |  | -0.356\*\*\* | -0.371\*\*\* | -0.371\*\*\* | -0.608\*\* | -0.557\*\* | -0.559\*\* |
|  | (0.152) | (0.151) | (0.152) |  | (0.114) | (0.121) | (0.122) | (0.268) | (0.272) | (0.271) |
| Log(Income) |  | -0.0352 | -0.0443 |  |  | -0.0489 | -0.0540 |  | -0.0779 | -0.0798 |
|  |  | (0.0270) | (0.0277) |  |  | (0.0385) | (0.0398) |  | (0.0601) | (0.0609) |
| Married |  | -0.0789 | -0.0815 |  |  | -0.101 | -0.104 |  | -0.242\*\* | -0.243\*\* |
|  |  | (0.0602) | (0.0601) |  |  | (0.0831) | (0.0832) |  | (0.104) | (0.104) |
| Health |  | -0.0251 | -0.0255 |  |  | -0.0459 | -0.0469 |  | 0.0599 | 0.0597 |
|  |  | (0.0265) | (0.0265) |  |  | (0.0372) | (0.0371) |  | (0.0575) | (0.0575) |
| Working overtime |  |  | 0.0793\* |  |  |  | 0.0481 |  |  | 0.0164 |
|  |  |  | (0.0433) |  |  |  | (0.0603) |  |  | (0.0753) |
| 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 | 0.041 | 0.043 | 0.044 |  | 0.042 | 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) | |
| Travel | -0.0950\* | -0.0940\* | -0.0955\* |  | -0.0701 | -0.0749 | -0.0790 | -0.0559 | -0.0625 | -0.0619 |
|  | (0.0489) | (0.0501) | (0.0501) |  | (0.0692) | (0.0711) | (0.0709) | (0.0756) | (0.0764) | (0.0764) |
| Age/10 | -0.318\*\* | -0.270 | -0.275 |  | -0.412\*\* | -0.238 | -0.250 |  |  |  |
|  | (0.149) | (0.170) | (0.170) |  | (0.205) | (0.231) | (0.232) |  |  |  |
| Age2/100 | 0.0237 | 0.0180 | 0.0182 |  | 0.0362 | 0.0175 | 0.0185 |  |  |  |
|  | (0.0198) | (0.0217) | (0.0217) |  | (0.0267) | (0.0289) | (0.0290) |  |  |  |
| Male | -0.0654 | -0.0629 | -0.0615 |  | -0.00780 | -0.0209 | -0.0183 |  |  |  |
|  | (0.0437) | (0.0443) | (0.0445) |  | (0.0611) | (0.0624) | (0.0626) |  |  |  |
| Birth Weight | -0.0533 | -0.0506 | -0.0505 |  | -0.0230 | -0.0231 | -0.0235 | -0.00438 | -0.0198 | -0.0202 |
|  | (0.0350) | (0.0350) | (0.0351) |  | (0.0434) | (0.0437) | (0.0438) | (0.103) | (0.105) | (0.105) |
| Early Disease | 0.0784 | 0.0658 | 0.0654 |  | -0.0990 | -0.0815 | -0.0812 | -0.203 | -0.175 | -0.170 |
|  | (0.146) | (0.146) | (0.146) |  | (0.156) | (0.155) | (0.154) | (0.271) | (0.260) | (0.258) |
| Log(Income) |  | 0.00747 | 0.0108 |  |  | 0.0269 | 0.0319 |  | 0.0258 | 0.0300 |
|  |  | (0.0296) | (0.0300) |  |  | (0.0426) | (0.0434) |  | (0.0639) | (0.0649) |
| Married |  | -0.0548 | -0.0538 |  |  | -0.152\* | -0.149\* |  | -0.139\* | -0.135\* |
|  |  | (0.0568) | (0.0569) |  |  | (0.0786) | (0.0787) |  | (0.0811) | (0.0815) |
| Health |  | -0.0498\* | -0.0496\* |  |  | -0.0289 | -0.0280 |  | -0.0257 | -0.0254 |
|  |  | (0.0260) | (0.0260) |  |  | (0.0363) | (0.0363) |  | (0.0506) | (0.0507) |
| Working overtime |  |  | -0.0294 |  |  |  | -0.0464 |  |  | -0.0365 |
|  |  |  | (0.0408) |  |  |  | (0.0569) |  |  | (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 | 0.052 | 0.002 | 0.006 | 0.006 | |
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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) | |
| Travel | -0.0830\* | -0.0611 | -0.0599 |  | -0.0251 | -0.00710 | -0.00480 | 0.0671 | 0.0750 | 0.0743 |
|  | (0.0472) | (0.0479) | (0.0480) |  | (0.0650) | (0.0662) | (0.0665) | (0.0792) | (0.0789) | (0.0789) |
| Age/10 | -0.243 | -0.245 | -0.241 |  | -0.294 | -0.243 | -0.237 |  |  |  |
|  | (0.155) | (0.175) | (0.175) |  | (0.199) | (0.230) | (0.232) |  |  |  |
| Age2/100 | 0.0175 | 0.0169 | 0.0167 |  | 0.0223 | 0.0168 | 0.0163 |  |  |  |
|  | (0.0203) | (0.0220) | (0.0220) |  | (0.0255) | (0.0281) | (0.0282) |  |  |  |
| Male | -0.0688 | -0.0524 | -0.0535 |  | 0.0251 | 0.0354 | 0.0339 |  |  |  |
|  | (0.0452) | (0.0459) | (0.0460) |  | (0.0600) | (0.0609) | (0.0611) |  |  |  |
| Birth Weight | -0.0563 | -0.0498 | -0.0499 |  | -0.0429 | -0.0389 | -0.0386 | 0.134 | 0.129 | 0.129 |
|  | (0.0361) | (0.0359) | (0.0358) |  | (0.0443) | (0.0441) | (0.0441) | (0.0860) | (0.0849) | (0.0850) |
| Early Disease | 0.0802 | 0.0513 | 0.0516 |  | -0.0879 | -0.0990 | -0.0991 | -0.0809 | -0.0619 | -0.0679 |
|  | (0.158) | (0.159) | (0.159) |  | (0.164) | (0.164) | (0.165) | (0.197) | (0.191) | (0.193) |
| Log(Income) |  | -0.0569\*\* | -0.0596\*\* |  |  | -0.0379 | -0.0406 |  | -0.0589 | -0.0639 |
|  |  | (0.0287) | (0.0291) |  |  | (0.0410) | (0.0418) |  | (0.0685) | (0.0696) |
| Married |  | 0.00643 | 0.00568 |  |  | -0.0403 | -0.0421 |  | -0.130\* | -0.135\* |
|  |  | (0.0570) | (0.0570) |  |  | (0.0801) | (0.0804) |  | (0.0771) | (0.0779) |
| Health |  | -0.0254 | -0.0256 |  |  | -0.0157 | -0.0162 |  | 0.0136 | 0.0132 |
|  |  | (0.0261) | (0.0261) |  |  | (0.0370) | (0.0370) |  | (0.0549) | (0.0547) |
| Working overtime |  |  | 0.0237 |  |  |  | 0.0256 |  |  | 0.0433 |
|  |  |  | (0.0424) |  |  |  | (0.0586) |  |  | (0.0716) |
| 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 | 0.056 | 0.056 | 0.005 | 0.011 | 0.011 | |
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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) | |
| Travel | -0.0124 | -0.0161 | -0.0187 |  | 0.0744 | 0.0682 | 0.0761 | 0.0695 | 0.0330 | 0.0302 |
|  | (0.108) | (0.108) | (0.108) |  | (0.153) | (0.151) | (0.151) | (0.210) | (0.206) | (0.207) |
| Age/10 | 0.616\*\* | 0.673\*\* | 0.664\*\* |  | 0.667 | 0.694 | 0.717 |  |  |  |
|  | (0.296) | (0.324) | (0.325) |  | (0.446) | (0.481) | (0.483) |  |  |  |
| Age2/100 | -0.0349 | -0.0438 | -0.0433 |  | -0.0323 | -0.0392 | -0.0410 |  |  |  |
|  | (0.0396) | (0.0419) | (0.0419) |  | (0.0587) | (0.0612) | (0.0614) |  |  |  |
| Male | -0.208\*\* | -0.195\*\* | -0.193\*\* |  | -0.209 | -0.205 | -0.210 |  |  |  |
|  | (0.0897) | (0.0903) | (0.0904) |  | (0.133) | (0.132) | (0.133) |  |  |  |
| Birth Weight | -0.0164 | -0.00593 | -0.00582 |  | 0.0534 | 0.0765 | 0.0774 | 0.136 | 0.0957 | 0.0974 |
|  | (0.0639) | (0.0641) | (0.0641) |  | (0.0923) | (0.0926) | (0.0928) | (0.163) | (0.173) | (0.173) |
| Early Disease | -0.618 | -0.671\* | -0.672\* |  | -1.115\*\* | -1.145\*\* | -1.145\*\* | -0.748 | -0.703 | -0.728 |
|  | (0.385) | (0.381) | (0.381) |  | (0.519) | (0.498) | (0.498) | (0.838) | (0.820) | (0.819) |
| Log(Income) |  | 0.0596 | 0.0655 |  |  | 0.113 | 0.103 |  | 0.168 | 0.148 |
|  |  | (0.0606) | (0.0615) |  |  | (0.0854) | (0.0871) |  | (0.112) | (0.112) |
| Married |  | -0.128 | -0.126 |  |  | -0.142 | -0.149 |  | -0.366\*\* | -0.385\*\* |
|  |  | (0.102) | (0.102) |  |  | (0.149) | (0.150) |  | (0.164) | (0.164) |
| Health |  | -0.222\*\*\* | -0.222\*\*\* |  |  | -0.343\*\*\* | -0.345\*\*\* |  | -0.246\*\* | -0.247\*\* |
|  |  | (0.0530) | (0.0530) |  |  | (0.0764) | (0.0763) |  | (0.117) | (0.118) |
| Working overtime |  |  | -0.0519 |  |  |  | 0.0887 |  |  | 0.180 |
|  |  |  | (0.0839) |  |  |  | (0.126) |  |  | (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 |  | 0.070 | 0.089 | 0.090 | 0.004 | 0.024 | 0.026 | |

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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) | |
| Travel | -0.458\*\*\* | -0.399\*\*\* | -0.398\*\*\* |  | -0.490\*\*\* | -0.417\*\*\* | -0.423\*\*\* | -0.218 | -0.195 | -0.196 |
|  | (0.107) | (0.109) | (0.109) |  | (0.153) | (0.155) | (0.156) | (0.194) | (0.198) | (0.198) |
| Age/10 | 1.095\*\*\* | 0.641\* | 0.644\* |  | 1.463\*\*\* | 1.024\* | 1.006\* |  |  |  |
|  | (0.309) | (0.344) | (0.345) |  | (0.473) | (0.527) | (0.529) |  |  |  |
| Age2/100 | -0.0143 | 0.0313 | 0.0311 |  | -0.0542 | -0.00967 | -0.00829 |  |  |  |
|  | (0.0417) | (0.0446) | (0.0446) |  | (0.0640) | (0.0683) | (0.0684) |  |  |  |
| Male | -0.327\*\*\* | -0.260\*\*\* | -0.261\*\*\* |  | -0.410\*\*\* | -0.327\*\* | -0.323\*\* |  |  |  |
|  | (0.0960) | (0.0967) | (0.0969) |  | (0.139) | (0.139) | (0.139) |  |  |  |
| Birth Weight | -0.0881 | -0.0677 | -0.0678 |  | -0.0102 | 0.0160 | 0.0154 | -0.0400 | 0.00535 | 0.00617 |
|  | (0.0733) | (0.0728) | (0.0729) |  | (0.106) | (0.105) | (0.105) | (0.178) | (0.184) | (0.184) |
| Early Disease | 0.750\*\*\* | 0.648\*\* | 0.648\*\* |  | 0.539 | 0.423 | 0.424 | -0.342 | -0.426 | -0.438 |
|  | (0.291) | (0.292) | (0.292) |  | (0.451) | (0.445) | (0.447) | (0.548) | (0.543) | (0.553) |
| Log(Income) |  | -0.141\*\* | -0.144\*\* |  |  | -0.159\* | -0.152 |  | -0.125 | -0.135 |
|  |  | (0.0650) | (0.0656) |  |  | (0.0916) | (0.0928) |  | (0.112) | (0.113) |
| Married |  | 0.351\*\*\* | 0.351\*\*\* |  |  | 0.331\* | 0.336\* |  | 0.255 | 0.246 |
|  |  | (0.115) | (0.115) |  |  | (0.174) | (0.175) |  | (0.188) | (0.190) |
| Health |  | -0.106\* | -0.106\* |  |  | -0.136\* | -0.135 |  | -0.0101 | -0.0109 |
|  |  | (0.0583) | (0.0583) |  |  | (0.0827) | (0.0828) |  | (0.120) | (0.120) |
| Working overtime |  |  | 0.0226 |  |  |  | -0.0693 |  |  | 0.0854 |
|  |  |  | (0.0892) |  |  |  | (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 | 0.248 | 0.254 | 0.254 |  | 0.265 | 0.272 | 0.272 | 0.003 | 0.008 | 0.008 | |
|  | | | | | | | | | | | |