Supplemental Figure 1. *Point-biserial correlation effect sizes for associations between traits, facets, and first onsets of depression and anxiety disorders with participants with any baseline disorders removed.*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | Smaller sample without any baseline dx | | | |
| Heat plot key | Trait/Facet | Depression | GAD | Social Phobia | Specific Phobia |
| -0.20 | Extraversion | -0.09 | -0.06 | -0.11 | 0.02 |
| -0.175 | Agreeableness | -0.13 | -0.03 | -0.06 | -0.07 |
| -0.15 | Conscientiousness | -0.16 | -0.06 | -0.05 | -0.19 |
| -0.125 | Neuroticism | 0.22 | 0.20 | 0.17 | 0.16 |
| -0.10 | Openness | 0.04 | 0.18 | 0.06 | -0.06 |
| -0.075 |  |  |  |  |  |
| -0.05 | Depressivity | 0.26 | 0.17 | 0.13 | 0.18 |
| -0.025 | Anxiousness | 0.20 | 0.24 | 0.20 | 0.17 |
| 0 | Anger | 0.25 | 0.12 | 0.11 | 0.18 |
| 0.025 |  |  |  |  |  |
| 0.05 | Ascendance | 0.07 | 0.00 | -0.13 | -0.04 |
| 0.075 | Positive Temperament | -0.08 | -0.01 | -0.07 | -0.03 |
| 0.10 | Sociability | -0.13 | -0.12 | -0.13 | 0.02 |
| 0.125 | Venturesomeness | 0.09 | -0.08 | -0.14 | -0.01 |
| 0.15 |  |  |  |  |  |
| 0.175 | Achievement | -0.03 | 0.05 | -0.03 | -0.11 |
| 0.20 | Deliberation | -0.11 | 0.03 | 0.03 | -0.13 |
| 0.225 | Dutifulness | -0.08 | 0.04 | -0.05 | -0.12 |
| 0.25 | Order | -0.06 | 0.01 | -0.01 | -0.18 |
|  | Self-Discipline | -0.14 | -0.01 | -0.09 | -0.17 |

In this figure, individuals with a history of depression NOS, GAD, social phobia, and or specific phobia were removed. Thus, this figure demonstrates the effect sizes of first onset prediction in individuals without a history of depression or anxiety disorders.