

Supplementary Table 1: CBCL score differences by pubertal stage, diagnosis, and sex

| Internalizing behavior score difference: pre-puberty vs early puberty | | | | |
|---|--------------------|-------------------|-------------------|------------------|
| | ADHD | ASD | OCD | TD |
| Males | 5.1 (-0.4, 10.7) | 4.4 (-0.5, 9.3) | 0.3 (-4.7, 5.3) | 0.5 (-5.4, 6.4) |
| Difference from TD | 4.6 (-3.5, 12.7) | 3.9 (-3.8, 11.6) | -0.2 (-7.9, 7.5) | |
| Females | 1.2 (-1.8, 4.2) | -0.6 (-3.0, 1.8) | 0.5 (-4.5, 5.6) | -0.7 (-5.6, 4.3) |
| Difference from TD | 1.9 (-3.9, 7.7) | 0.1 (-5.4, 5.6) | 1.2 (-5.9, 8.3) | |
| Internalizing behavior score difference: early puberty vs late puberty | | | | |
| | ADHD | ASD | OCD | TD |
| Males | -3.4 (-10.6, 3.8) | 3.0 (-0.9, 6.8) | -1.5 (-6.4, 3.5) | 6.0 (-0.5, 12.4) |
| Difference from TD | -9.4 (-19.0, 0.3) | -3.0 (-10.5, 4.5) | -7.4 (-15.5, 0.7) | |
| Females | 0.9 (-3.3, 5.0) | 1.0 (-1.5, 3.5) | -1.2 (-6.8, 4.4) | -2.7 (-7.4, 2.1) |
| Difference from TD | 3.6 (-2.8, 9.9) | 3.6 (-1.8, 9.0) | 1.5 (-5.9, 8.9) | |
| Externalizing behavior score difference: pre-puberty vs early puberty | | | | |
| | ADHD | ASD | OCD | TD |
| Males | 4.1 (-1.1, 9.2) | 0.4 (-5.0, 5.7) | 1.0 (-4.2, 6.3) | 4.1 (-1.4, 9.7) |
| Difference from TD | -0.1 (-7.6, 7.5) | -3.8 (-11.5, 3.9) | -3.1 (-10.7, 4.5) | |
| Females | 0.1 (-2.9, 3.1) | -3.1 (-5.7, -0.5) | -3.5 (-9.6, 2.7) | -3.3 (-8.3, 1.8) |
| Difference from TD | 3.3 (-2.6, 9.2) | 0.2 (-5.5, 5.9) | -0.2 (-8.2, 7.8) | |
| Externalizing behavior score difference: early puberty vs late puberty | | | | |
| | ADHD | ASD | OCD | TD |
| Males | -3.7 (-10.5, 3.1) | 0.6 (-3.6, 4.8) | -3.4 (-9.1, 2.4) | 0.0 (-5.4, 5.5) |
| Difference from TD | -3.7 (-12.4, 5.0) | 0.6 (-6.3, 7.5) | -3.4 (-11.3, 4.5) | |
| Females | -5.3 (-10.2, -0.3) | -1.0 (-3.7, 1.7) | 1.1 (-4.0, 6.3) | -0.9 (-5.3, 3.5) |
| Difference from TD | -4.4 (-11.0, 2.3) | -0.1 (-5.3, 5.0) | 2.0 (-4.8, 8.8) | |

ADHD: attention-deficit hyperactivity disorder; ASD: autism spectrum disorder; CBCL: Child Behavior Checklist; OCD: obsessive compulsive disorder; TD: typically developing.