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| **Supplemental Table 1***Correlations between Subjective Cognitive Concerns and Specific Objective Cognitive Performance Indices* |
| Subjective Cognitive Concerns  | Processing Speed | Sustained Attention | Working Memory | Inhibition / Set-Shifting | Letter Fluency | Memory Encoding |
| Valid Cognitive Concerns Group(*n* = 117) | -.17 | -.07 | -.06 | -.11 | -.13 | -.15 |
| Invalid Cognitive Concerns Group(*n* = 37) | -.00 | -.18 | -.08 | -.05 | -.19 | -.03 |
| *Note.* Processing Speed = Wechsler Adult Intelligence Scale, 4th Edition Processing Speed Index; Sustained Attention = Continuous Performance Test-3rd Edition Omissions, Commissions, and Hit Reaction Time; Working Memory = Wechsler Adult Intelligence Scale, 4th Edition Working Memory Index; Inhibition / Set-Shifting = Color-Word from the Golden Stroop Test and Trail Making Test Part B; Letter Fluency = Controlled Auditory Word Association Test FAS; Memory Encoding = Rey Auditory Verbal Learning Test Learning Trials 1-5.\**p* < .05. \*\**p* < .01. \*\*\**p* < .001 |
| **Supplemental Table 2***Correlations between Intrapersonal Factors and Subjective-Objective Discrepancy Scores among Patients without ADHD who had Invalid and Valid Scores on Tests of Cognitive Symptom Overreporting* |
| Intrapersonal Factors | Valid Cognitive Concerns Group without ADHD(*n* = 102) | Invalid Cognitive Concerns Group without ADHD(*n* = 50) |
|  | Subjective-Objective Discrepancy Scores |
| Estimated Premorbid IQ (TOPF standard scores) | -.08 | -.12 |
| Demographics |  |  |
|  Age | -.10 | -.10 |
|  Sex | .13 | .08 |
|  Education | -.11 | -.14 |
|  Race | .08 | .08 |
| Internalizing Symptoms (MMPI-2-RF EID T-scores) | .36\*\*\* | .42\*\* |
|  Depression (BDI-II raw scores) | .33\*\*\* | .28\* |
|  Anxiety (BAI raw scores) | .38\*\*\* | .28\* |
|  Helplessness / Hopelessness (MMPI-2-RF HLP T-scores) | .24\* | .24 |
|  Dysfunctional Negative Emotions (MMPI-2-RF RC7 T-scores) | .46\*\*\* | .43\*\* |
| Somatic Symptoms (MMPI-2-RF RC1 T-scores) | .27\*\* | .43\*\* |
|  Fatigue / Malaise (MMPI-2-RF MLS) | .19\* | .21 |
|  Pain (mean MMPI-2-RF GIC, HPC, NUC T-scores) | .30\*\* | .37\* |
| Perceived Social Networks |  |  |
|  Family Conflicts (MMPI-2-RF FML T-scores) | .13 | .20 |
|  Disaffiliativeness (MMPI-2-RF DFS T-scores) | .05 | .11 |
|  Social Avoidance (MMPI-2-RF SAV T-scores) | .04 | .10 |
| *Note:* ADHD = Attention-Deficit/Hyperactivity Disorder; MMPI-2-RF = Minnesota Multiphasic Personality Inventory-2-Restructured Form; EID = Emotional / Internalizing Dysfunction; BDI-II = Beck Depression Inventory-Second Edition; BAI = Beck Anxiety Inventory; HLP = Helplessness; RC7 = Dysfunctional Negative Emotions; RC1 = Somatic / Cognitive Complaints; MLS = Malaise; GIC = Gastrointestinal Complaints; HPC = Head Pain Complaints; NUC = Neurological Complaints; FML = Family Problems; DFS = Disaffiliativeness; SAV = Social Avoidance; TOPF = Test of Premorbid Functioning. \**p* < .05. \*\**p* < .01. \*\*\**p* < .001. All *p-*values reflect false discovery rate-corrected *p*-values. |

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| **Supplemental Table 3***Hierarchical Linear Regression Analysis of Intrapersonal Factors and the Subjective-Objective Discrepancy Scores in the Valid Cognitive Concerns Group without ADHD* |
| Outcome | Step | Predictors | *R2* | Δ*R2* | *B* | *SE*(*B*) | β | 95% CI(β) | *t* |
| Subjective-Objective Cognitive Discrepancy Scores | 1 | Internalizing Symptoms | .101\*\* | – |  |  |  |  |  |
|  |  |  | .03 | .01 | .30 | .29, .32 | 3.88 |
| 2 | Somatic Symptoms | .150\*\* | .049\* |  |  |  |  |  |
|  |  |  | .02 | .01 | .20 | .19, .22 | 2.11 |
| 1 | Somatic Symptoms | .071\*\* | – |  |  |  |  |  |
|  |  |  | .02 | .01 | .21 | .20, .22 | 3.06 |
|  | 2 | Internalizing Symptoms | .150\*\* | .079\*\* |  |  |  |  |  |
|  |  |  | .03 | .01 | .31 | .29, .32 | 3.14 |
| *Note. n* = 117; ADHD = Attention-Deficit/Hyperactivity Disorder; *B* = unstandardized beta coefficient; β = standardized beta coefficient; CI = confidence interval; *SE* = standard error; Internalizing and Somatic Symptoms were measured via Minnesota Multiphasic Personality Inventory-2-Restructured Form Response Emotional/Internalizing Dysfunction and RC1 scales, respectively.\**p* < .05. \*\**p* < .01. \*\*\**p* < .001 |
| **Supplemental Table 4***Hierarchical Linear Regression Analysis of Intrapersonal Factors and the Subjective-Objective Discrepancy Scores in the Invalid Cognitive Concerns Group without ADHD* |
| Outcome | Step | Predictors | *R2* | Δ*R2* | *B* | *SE*(*B*) | β | 95% CI(β) | *t* |
| Subjective-Objective Cognitive Discrepancy Scores | 1 | Internalizing Symptoms | .173\*\* | – |  |  |  |  |  |
|  |  |  | .04 | .01 | .42 | .39, .44 | 3.16 |
| 2 | Somatic Symptoms | .286\*\* | .113\*\* |  |  |  |  |  |
|  |  |  | .03 | .01 | .35 | .32, .37 | 2.74 |
| 1 | Somatic Symptoms | .177\*\* | – |  |  |  |  |  |
|  |  |  | .04 | .01 | .42 | .40, .44 | 3.21 |
|  | 2 | Internalizing Symptoms | .286\*\* | .109\*\* |  |  |  |  |  |
|  |  |  | .03 | .02 | .33 | .31, .36 | 2.69 |
| *Note. n* = 37; ADHD = Attention-Deficit/Hyperactivity Disorder; *B* = unstandardized beta coefficient; β = standardized beta coefficient; CI = confidence interval; *SE* = standard error; Internalizing and Somatic Symptoms were measured via Minnesota Multiphasic Personality Inventory-2-Restructured Form Response Emotional/Internalizing Dysfunction and RC1 scales, respectively.\**p* < .05. \*\**p* < .01. \*\*\**p* < .001 |