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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 | | | | | | | | | | | | | | | | | | | | | |