**Supplementary Tables**

**Supplementary Table 1** Sample characteristics for participants included and excluded in analyses.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Includeda | Excludedb | *p* |
| *Child characteristics* |  |  |  |
| Age *M (SD), range* | 10.75 (3.04), 6-17 | 10.30 (3.17), 5-17 | .289 |
| Gender *n (%)*Male Female  | 91 (74.59)31 (25.41) | 73 (79.35)19 (20.65) | .415 |
| *Parent and family characteristics* |  |  |  |
| Age *M (SD), range* | 42.99 (5.40), 27-54 | 41.87 (6.11), 28-56 | .149 |
| Gender *n (%)*Male Female SEIFA Disadvantage score *M (SD), range* | 1 (0.82)121 (99.18)1038.94 (50.75), 879-1128 | 4 (4.04)95 (95.96)1038.41 (49.87), 922-1127 | .109.938 |

*Note.* a *n*=119-122; b *n*=93-99. *p* values represent t-tests for continuous variables and chi-square tests for categorical variables.

**Supplementary Table 2** Summary ofhome learning difficulty (HLD) scores and subdomains in children with ADHD.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variable | *M* | *SD* | *Range* | α |
| Child difficulties | 22.39 | 5.43 | 9-30 | 0.90 |
| Parent confidence  | 13.72 | 4.72 | 6-24 | 0.92 |
| Parent difficulties | 25.41 | 6.97 | 11-44 | 0.86 |
| Total HLD | 72.82 | 14.12 | 34-102 | 0.91 |

Note. *n* = 122.

**Supplementary Table 3** Correlation coefficients between study variables

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Child age | SEIFA | ADHD-I  | ADHD-H  | Anxiety symptoms | Oppositional symptoms | HLD scores |
| Child age | - | - | - | - | - | - | - |
| SEIFA | 0.09 | - | - | - | - | -  | - |
| ADHD-I | -0.06 | 0.07 | - | - | - | - | - |
| ADHD-H | -0.39\* | -0.14 | 0.60\* | - | - | - | - |
| Anxiety symptoms | 0.02 | 0.06 | 0.15 | 0.19\* | - | - | - |
| Oppositional symptoms | -0.11 | -0.09 | 0.42\* | 0.54\* | 0.28\* | - | - |
| HLD scores | -0.08 | -0.04 | 0.65\* | 0.36\* | 0.21\* | 0.30\* | -  |

*Note.* \* significant at *p* <.05. ADHD-I = attention-deficit/hyperactivity disorder inattention symptoms. ADHD-H = attention-deficit/hyperactivity disorder hyperactive/impulsive symptoms. HLD = home learning difficulties. SEIFA = Socio-Economic Indexes for Areas.

**Supplementary Table 4**Hierarchical regression examining association between anxiety symptoms and other predictors of child difficulties with home learning in children with ADHD

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Predictors  | *b* [*95% CI*] | *β* | *SE* | *t* | *p* | *R2* | *Adj. R2* |
| Model 1Anxiety symptoms  | 0.17 [-0.01, 0.35] | 0.17 | 0.09 | 1.92 | .057 | 0.03 | 0.02 |
| Model 2Anxiety symptoms Gender AgeLearning/speech/language disorder Medication useSEIFAOppositional symptoms ADHD-I symptomsADHD-H symptomsASD diagnosis | 0.07 [-0.08, 0.22]0.62 [-1.18, 2.43]-0.20 [-0.49, 0.09]0.69 [-1.97, 3.35]0.13 [-2.08, 2.33]-0.01 [-0.02, 0.01] 0.04 [-0.11, 0.19]0.67 [0.50, 0.84]-0.13 [-0.31, 0.04]1.93 [-0.22, 4.07] | 0.070.05-0.110.040.01-0.070.050.75-1.170.14 | 0.080.910.151.341.110.010.080.090.091.08 | 0.930.69-1.370.520.11-0.930.507.83-1.481.78 | <.001.354.494.174.608.910.355.617<.001.142.077 | 0.48 | 0.44 |

Note. *n* = 119 in adjusted model. ADHD-I = attention-deficit/hyperactivity disorder inattention symptoms. ADHD-H = attention-deficit/hyperactivity disorder hyperactive/impulsive symptoms. ASD = Autism Spectrum Disorder. SEIFA = Socio-Economic Indexes for Areas.

**Supplementary Table 5** Hierarchical regression examining association between anxiety symptoms and other predictors of parent difficulties with home learning in children with ADHD

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Predictors  | *b* [*95% CI*] | *β* | *SE* | *t* | *p* | *R2* | *Adj. R2* |
| Model 1Anxiety symptoms  | 0.23 [-0.00, 0.46] | 0.18 | 0.12 | 1.95 | .054 | 0.03 | 0.02 |
| Model 2Anxiety symptoms Gender AgeLearning/speech/language disorder Medication useSEIFAOppositional symptoms ADHD-I symptomsADHD-H symptomsASD diagnosis | 0.29 [0.04, 0.54]1.24 [-1.70, 4.18]-0.42 [-0.90, 0.05]1.15 [-3.18, 5.47]0.90 [-2.69, 4.50]-0.01 [-0.04, 0.01] -0.13 [-0.38, 0.11]0.47 [0.19, 0.75]-0.13 [-0.41, 0.16]-1.00 [-4.50, 2.49] | 0.220.08-0.180.050.05-0.10-0.120.41-0.12-0.05 | 0.131.480.242.181.810.010.120.140.141.76 | 2.310.84-1.760.520.50-1.10-1.093.37-0.88-0.57 | .019.023.404.081.601.620.272.279.001.382.570 | 0.17 | 0.10 |

Note. *n* = 119 in adjusted model. ADHD-I = attention-deficit/hyperactivity disorder inattention symptoms. ADHD-H = attention-deficit/hyperactivity disorder hyperactive/impulsive symptoms. ASD = Autism Spectrum Disorder. SEIFA = Socio-Economic Indexes for Areas.

**Supplementary Table 6** Hierarchical regression examining association between anxiety symptoms and other predictors of parent confidence with home learning in children with ADHD

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Predictors  | *b* [*95% CI*] | *β* | *SE* | *t* | *p* | *R2* | *Adj. R2* |
| Model 1Anxiety symptoms  | -0.17 [-0.32, -0.01] | -0.19 | 0.08 | -2.10 | .038 | 0.04 | 0.03 |
| Model 2Anxiety symptoms Gender AgeLearning/speech/language disorder Medication useSEIFAOppositional symptoms ADHD-I symptomsADHD-H symptomsASD diagnosis | -0.07 [-0.23, 0.08]-0.00 [-1.80, 1.79]-0.20 [-0.49, 0.09]0.94 [-1.70, 3.59]-0.03 [-2.23, 2.16]0.01 [-0.00, 0.03] -0.11 [-0.26, 0.04]-0.33 [-0.50, -0.16]-0.01 [-0.19, 0.16]-0.79 [-2.92, 1.35] | -0.08-0.00-0.130.06-0.000.13-0.14-0.43-0.02-0.06 | 0.080.910.151.331.110.010.080.090.091.08 | -0.97-0.00-1.350.71-0.031.49-1.40-3.87-0.15-0.73 | <.001.332.996.179.482.976.139.165<.001.882.466 | 0.32 | 0.26 |

 Note. *n* = 119 in adjusted model. ADHD-I = attention-deficit/hyperactivity disorder inattention symptoms. ADHD-H = attention-deficit/hyperactivity disorder hyperactive/impulsive symptoms. ASD = Autism Spectrum Disorder. SEIFA = Socio-Economic Indexes for Areas.

**Supplementary Table 7** Sensitivity analysisa examining associations between anxiety symptoms and other predictors of HLD in children with ADHD

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | *b* [*95% CI*] | *β* | *SE* | *t* | *p* | *R2* | *Adj. R2* |
| Overall Model FitPredictorsAnxiety symptoms Gender AgeLearning/speech/language disorder Medication useSEIFAOppositional symptoms ADHD-I symptomsADHD-H symptomsASD diagnosis | 0.41 [0.07, 0.76]2.00 [-2.07, 6.07]-0.52 [-1.18, 0.14]1.27 [-4.99, 7.52]0.85 [-4.20, 5.89]-0.03 [-0.07, 0.01]-0.06 [-0.40, 0.28]1.26 [0.88, 1.65]-0.19 [-0.58, 0.21]0.50 [-4.43, 5.42] | 0.190.08-0.130.030.03-0.13-0.030.67-0.000.02 | 0.172.050.333.152.540.020.170.190.202.48 | 2.380.97-1.570.400.33-1.67-0.356.50-0.940.20 | <.001.019.333.120.689.740.097.724<.001.351.842 | 0.43 | 0.38 |

 Note. *n* = 119 in adjusted model. ADHD-I = attention-deficit/hyperactivity disorder inattention symptoms. ADHD-H = attention-deficit/hyperactivity disorder hyperactive/impulsive symptoms. ASD = Autism Spectrum Disorder. SEIFA = Socio-Economic Indexes for Areas. HLD = home learning difficulties. a Sensitivity analysis excluded 4 items from the HLD scale overlapping with inattention.

**Supplementary Table 8** Sensitivity analysisa examining associations between pre-existing anxiety disorder and other predictors of HLD in children with ADHD

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | *b* [*95% CI*] | *β* | *SE* | *t* | *p* | *R2* | *Adj. R2* |
| Overall Model FitPredictorsAnxiety disorder status Gender AgeLearning/speech/language disorder Medication useSEIFAOppositional symptoms ADHD-I symptomsADHD-H symptomsASD diagnosis | 1.97 [-1.95, 5.89]1.36 [-2.76, 5.48]-0.45 [-1.12, 0.22]0.44 [-5.94, 6.82]-0.40 [-5.87, 5.07]-0.03 [-0.06, 0.01]0.03 [-0.30, 0.37]1.25 [0.86, 1.65]-0.15 [-0.56, 0.25]1.19 [-3.81, 6.19] | 0.080.05-0.120.01-0.01-0.110.020.66-0.090.04 | 1.982.080.343.222.760.020.170.200.202.52 | 0.990.65-1.340.14-0.15-1.390.196.31-0.750.47 | <.001.322.514.183.891.885.169.852<.001.453.637 | 0.41 | 0.35 |

 Note. *n* = 119 in adjusted model. ADHD-I = attention-deficit/hyperactivity disorder inattention symptoms. ADHD-H = attention-deficit/hyperactivity disorder hyperactive/impulsive symptoms. ASD = Autism Spectrum Disorder. SEIFA = Socio-Economic Indexes for Areas. HLD = home learning difficulties. a Sensitivity analysis excluded 4 items from the HLD scale overlapping with inattention.

**Supplementary Table 9** Sensitivity analysisa examining associations between anxiety symptoms and other predictors of child difficulties with home learning in children with ADHD

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | *b* [*95% CI*] | *β* | *SE* | *t* | *p* | *R2* | *Adj. R2* |
| Overall Model FitPredictorsAnxiety symptoms Gender AgeLearning/speech/language disorder Medication useSEIFAOppositional symptoms ADHD-I symptomsADHD-H symptomsASD diagnosis | 1.97 [-1.95, 5.89]1.36 [-2.76, 5.48]-0.45 [-1.12, 0.22]0.44 [-5.94, 6.82]-0.4 [-5.87, 5.07]-0.03 [-0.06, 0.01]0.03 [-0.3, 0.37]1.25 [0.86, 1.65]-0.15 [-0.56, 0.25]1.19 [-3.81, 6.19] | 0.070.07-0.120.02-0.04-0.060.060.62-0.060.13 | 0.050.660.111.010.820.010.050.060.060.80 | 0.880.83-1.40.29-0.4-0.730.636.04-0.481.63 | <.001.379.407.165.773.690.466.533<.001.633.106 | 0.41 | 0.36 |

 Note. *n* = 119 in adjusted model. ADHD-I = attention-deficit/hyperactivity disorder inattention symptoms. ADHD-H = attention-deficit/hyperactivity disorder hyperactive/impulsive symptoms. ASD = Autism Spectrum Disorder. SEIFA = Socio-Economic Indexes for Areas.a Sensitivity analysis excluded 4 items from the HLD scale overlapping with inattention.

**Supplementary Table 10** Sensitivity analysisa examining associations between anxiety symptoms and other predictors of parent confidence with home learning in children with ADHD

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | *b* [*95% CI*] | *β* | *SE* | *t* | *p* | *R2* | *Adj. R2* |
| Overall Model FitPredictorsAnxiety symptoms Gender AgeLearning/speech/language disorder Medication useSEIFAOppositional symptoms ADHD-I symptomsADHD-H symptomsASD diagnosis | 0.07 [-0.03, 0.17]0.32 [-0.83, 1.46]0.10 [-0.09, 0.29]-0.40 [-2.09, 1.28]0.00 [-1.40, 1.40]-0.01 [-0.02, 0.00]0.06 [-0.04, 0.16]0.21 [0.10, 0.32]0.02 [-0.09, 0.14]0.46 [-0.91, 1.82] | 0.120.050.10-0.040.00-0.150.130.410.050.06 | 0.050.580.090.850.710.010.050.050.060.69 | 1.380.551.07-0.470.00-1.761.223.760.410.66 | <.001.171.586.289.637.997.081.225<.001.682.509 | 0.34 | 0.27 |

Note. *n* = 119 in adjusted model. ADHD-I = attention-deficit/hyperactivity disorder inattention symptoms. ADHD-H = attention-deficit/hyperactivity disorder hyperactive/impulsive symptoms. ASD = Autism Spectrum Disorder. SEIFA = Socio-Economic Indexes for Areas. a Sensitivity analysis excluded 4 items from the HLD scale overlapping with inattention.