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| **Supplementary Table 1.**  Results of the 24 Parallel-process GMM (n=1309 ). |
| Psychopathological patterns |  | Statistics |
| Anx/Dep. | Irritab. | Psycho. | Hyper. |  | n | % | AvePP | OCC |
| *+* | *-* | *+* | *+* |  | *4* | *0.0031* | *0.74* | *946.85* |
| *+* | *-* | *+* | *-* |  | *4* | *0.0031* | *0.74* | *922.47* |
| **+** | **-** | **-** | **+** |  | **43** | **0.0329** | **0.72** | **76.85** |
| **+** | **-** | **-** | **-** |  | **102** | **0.0779** | **0.79** | **43.99** |
| **+** | **+** | **+** | **+** |  | **106** | **0.0810** | **0.85** | **66.38** |
| *+* | *+* | *+* | *-* |  | *9* | *0.0069* | *0.51* | *151.45* |
| *+* | *+* | *-* | *+* |  | *10* | *0.0076* | *0.77* | *427.58* |
| *+* | *+* | *-* | *-* |  | *8* | *0.0061* | *0.80* | *634.72* |
| **-** | **-** | **+** | **+** |  | **28** | **0.0214** | **0.78** | **164.12** |
| **-** | **-** | **+** | **-** |  | **24** | **0.0183** | **0.74** | **150.08** |
| **-** | **-** | **-** | **+** |  | **34** | **0.0260** | **0.70** | **85.46** |
| **-** | **-** | **-** | **-** |  | **880** | **0.6723** | **0.94** | **7.92** |
| **-** | **+** | **+** | **+** |  | **37** | **0.0283** | **0.73** | **90.62** |
| **-** | **+** | **+** | **-** |  | **15** | **0.0115** | **0.76** | **279.25** |
| *-* | *+* | *-* | *+* |  | *0* | *0.0000* | *0.00* | *0.00* |
| *-* | *+* | *-* | *-* |  | *5* | *0.0038* | *0.70* | *611.39* |
| Note. AvePP = Average posterior probabilities; OCC = Odds of correct classiication. Bolded lines represent multi-trajectory patterns that were kept in further analyses. Italic lines represent excluded groups due to very low sample size, Average posterior probabilities assignement < 70 and/or Odds of correct classification < 5.0. |
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| **Supplementary Table 2.**  Posthoc analyses on group differences associated with longitudinal levels of specific CP in childhood |
| PairwiseA | Aggressive Behaviors (OR, 95% CI) | Rule-Breaking Behaviors (OR, 95% CI) |
| **G1 - DAS only (Ref)** |  |  |
| IC only | 1.57 (1.36-1.82)\* | 1.54 (1.31-1.81)\* |
| H/I only | 1.36 (1.22-1.51)\* | 1.36 (1.21-1.52)\* |
| IC & H/I | 2.14 (1.73-2.65)\* | 2.44 (1.97-3.02)\* |
| DAS & H/I  | 3.24 (2.22-4.76)\* | 3.44 (2.22-5.26)\* |
| Irritable & IC  | 1.38 (1.29-1.47)\* | 1.26 (1.16-1.36)\* |
| Irritable, IC & H/I | 1.49 (1.39-1.61)\* | 1.48 (1.36-1.61)\* |
| Irritable, IC, H/I & DAS  | 8.59 (6.17-11.96)\* | 7.85 (5.49-11.24)\* |
| **G2 - IC only (Ref)** |  |  |
| H/I only | .98 (.72-1.32) | 1.08 (.78-1.51) |
| IC & H/I | 1.30 (.95-1.78) | 1.89 (1.37-2.56)\* |
| DAS & H/I  | 1.00 (.92-1.08) | 1.04 (.95-1.12) |
| Irritable & IC  | 1.17 (1.05-1.29)\* | .98 (.85-1.13) |
| Irritable, IC & H/I | 1.41 (1.24-1.62)\* | 1.43 (1.22-1.68)\* |
| Irritable, IC, H/I & DAS  | 1.52 (1.35-1.72)\* | 1.52 (1.32-1.75)\* |
| **G3 - H/I only (Ref)** |  |  |
| IC & H/I | 1.15 (.99-1.33) | 1.33 (1.14-1.56)\* |
| DAS & H/I  | 1.01 (.94-1.08) | 1.03 (.96-1.10) |
| Irritable & IC  | 1.17 (1.05-1.29)\* | .98 (.85-1.13) |
| Irritable, IC & H/I | 1.41 (1.24-1.62)\* | 1.43 (1.22-1.68)\* |
| Irritable, IC, H/I & DAS  | 1.35 (1.25-1.45)\* | 1.32 (1.20-1.43)\* |
| **G4 - IC and H/I (Ref)** |  |  |
| DAS & H/I  | .92 (.83-1.01) | .85 (.76-.94)\* |
| Irritable & IC  | 1.05 (.97-1.13) | .85 (.78-.94)\* |
| Irritable, IC & H/I | 1.16 (1.08-1.26)\* | 1.03 (.94-1.13) |
| Irritable, IC, H/I & DAS  | 1.85 (1.51-2.27)\* | 1.28 (1.03-1.61) |
| **G5 - DAS & H/I (Ref)** |  |  |
| Irritable & IC  | 1.08 (1.04-1.12)\* | .98 (.93-1.03) |
| Irritable, IC & H/I | 1.13 (1.09-1.17)\* | 1.11 (1.05-1.16)\* |
| Irritable, IC, H/I & DAS  | 1.56 (1.41-1.74)\* | 1.46 (1.28-1.66)\* |
| **G6 - Irritable & IC (Ref)** |  |  |
| Irritable, IC & H/I | 1.09 (1.04-1.12) | 1.19 (1.10-1.28) |
| Irritable, IC, H/I & DAS  | 1.25 (1.01-1.56)\* | 2.08 (1.37-3.13)\* |
| **G7 - Irritable, IC & H/I (Ref)** |  |  |
| Irritable, IC, H/I & DAS  | 1.03 (1.01-1.08) | 1.03 (.98-1.09) |
| Note. First Group is the reference group compared to the second group. |
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