

Table S1: Results of correlation analysis between MMN latency indices and SRS, CPRS and NEPSY-II scores within HIP and HFA groups.

| | MMN latency | |
|-----------------------|----------------------------------|----------------------------------|
| | HIP | HFA |
| SRS | | |
| SRS_T | r= -0.265 p=.320 | r= 0.039 p=.881 |
| SRS_SA | r= 0.453 p=.077 | r= -0.071 p=.787 |
| SRS_SC | r= 0.530 p=.035 | r= -0.038 p=.886 |
| SRS_SCo | r= -0.435 p=.091 | r= -0.019 p=.942 |
| SRS_SM | r= -0.432 p=.093 | r= -0.072 p=.782 |
| SRS_AM | r= -0.326 p=.217 | r= -0.236 p=.509 |
| CPRS-R | | |
| <i>Oppositional</i> | r= -0.452 p=.078 | r= -0.313 p=.221 |
| <i>Cognitive Pr</i> | r= -0.013 p=.961 | r= -0.040 p=.876 |
| <i>Hyper/Imp</i> | r= 0.118 p=.663 | r= 0.250 p=.333 |
| <i>Anx/Shy</i> | r= -0.378 p=.149 | r= -0.284 p=.269 |
| <i>Perfectionism</i> | r= -0.256 p=.337 | r= 0.545 p=.023 |
| <i>Social Probl</i> | r= -0.218 p=.416 | r= -0.217 p=.401 |
| <i>Psychosomatic</i> | r= -0.476 p=.062 | r= 0.480 p=.051 |
| <i>ADHD Index</i> | r= 0.235 p=.380 | r= -0.030 p=.911 |
| <i>DSM IV_Tot</i> | r= 0.144 p=.530 | r= 0.050 p=.847 |
| NEPSY-II | | |
| <i>Design Fluency</i> | r=0.188 | r=0.008 |

| | | |
|-------------------------|----------|-----------------|
| | p=.483 | p=.974 |
| <i>Inhibition</i> | r=0.166 | r=-0.455 |
| | p=.537 | p=.053 |
| <i>Visual Attention</i> | r= 0.251 | r=-0.621 |
| | p=.0346 | p=.007 |

Legend:

SRS: Social Responsiveness Scale

SRS_T: SRS Total Score

SRS_SA: SRS social awareness

SRS_SC: SRS social cognition

SRS_SCo: SRS social communication

SRS_SM: SRS social motivation

SRS_AM: SRS autistic mannerism

CPRS-R: Conners' Parent Rating Scale – Revised

Cognitive Pr: Cognitive Problems

Hyper/Imp: Hyperactivity-Impulsivity

Anx/Shy: Anxious-Shyness

Social Probl: Social Problems

DSM IV_Tot: DSM-IV Total score