# Match Diagnostic Groups and Display Descriptive Statistics

## Participant Characteristics

We used a bootstrap procedure to match diagnostic groups. We matched groups based on PLS-5 Auditory Comprehension raw scores, with a caliper of 5 points. Group differences are quantified with Cohen's $d$, variance ratio (ASD divided by NT), and $p$-values. We used a two-sample, two-tailed $t$-test to obtain $p$-values, unless either diagnostic group's distribution failed the Shapiro-Wilk normality test, in which case we used a Wilcoxon test.

| Measure | ASD Group | | | | | NT Group | | | | | Group Differences | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | N | Mean | SD | Min | Max | N | Mean | SD | Min | Max | Cohen's d | Var Ratio | p-value |
| age | 34 | 44.35 | 3.68 | 37 | 50 | 34 | 25.65 | 5.35 | 18 | 35 | 4.07 | 0.47 | < 0.001 |
| PLS.AC.Raw | 34 | 31.76 | 9.45 | 16 | 50 | 34 | 32.56 | 7.76 | 19 | 45 | 0.09 | 1.48 | 0.706 |
| PLS.AC.AE | 34 | 30.18 | 11.62 | 12 | 54 | 34 | 30.82 | 9.71 | 15 | 47 | 0.06 | 1.43 | 0.804 |
| PLS.EC.Raw | 34 | 31.82 | 7.09 | 14 | 46 | 33 | 33.15 | 5.97 | 25 | 44 | 0.20 | 1.41 | 0.443 |
| PLS.EC.AE | 34 | 30.00 | 9.66 | 9 | 50 | 33 | 31.70 | 8.76 | 20 | 48 | 0.18 | 1.22 | 0.443 |
| Mul.VR.Raw | 34 | 34.06 | 7.46 | 21 | 48 | 34 | 31.50 | 6.86 | 20 | 43 | 0.36 | 1.18 | 0.146 |
| Mul.VR.AE | 34 | 35.15 | 11.06 | 18 | 60 | 34 | 31.29 | 9.24 | 17 | 48 | 0.38 | 1.43 | 0.124 |
| Mul.Ratio.IQ | 34 | 75.68 | 20.23 | 48 | 116 | 34 | 112.68 | 14.58 | 94 | 152 | 2.10 | 1.93 | < 0.001 |