| BOSCC Subscale | BOSCC Type | Predictor | Cluster | Overall Test P-value | Pairwise Test P-value | Pairwise Cohen's D |
| --- | --- | --- | --- | --- | --- | --- |
| SC | ADOS BOSCC | CSS\_rrb | Moderate | 0.042 | 0.116 | -0.480 |
| Low | 0.042 | 0.349 | 0.418 |
| Low\_v\_Moderate | 0.042 | 0.073 | 0.898 |
| CSS\_sa | Moderate | 0.024 | 0.256 | 0.339 |
| Low | 0.024 | **0.035** | 1.037 |
| Low\_v\_Moderate | 0.024 | 0.070 | 0.699 |
| first\_age | Moderate | 0.037 | 0.736 | 0.432 |
| Low | 0.037 | **0.025** | 0.857 |
| Low\_v\_Moderate | 0.037 | 0.100 | 0.425 |
| MRNVIQ | Moderate | 0.009 | 0.441 | -0.339 |
| Low | 0.009 | **0.011** | -1.316 |
| Low\_v\_Moderate | 0.009 | **0.024** | -0.977 |
| MRVIQ | Moderate | 0.005 | 0.386 | -0.285 |
| Low | 0.005 | **0.009** | -1.132 |
| Low\_v\_Moderate | 0.005 | **0.014** | -0.847 |
| Standard BOSCC | CSS\_sa | Moderate | 0.000 | **0.003** | 1.132 |
| Low | 0.000 | **0.003** | 1.745 |
| Low\_v\_Moderate | 0.000 | 0.130 | 0.613 |
| first\_age | Moderate | 0.031 | **0.050** | 0.694 |
| Low | 0.031 | **0.050** | 0.676 |
| Low\_v\_Moderate | 0.031 | 0.478 | -0.018 |
| MRNVIQ | Moderate | 0.004 | **0.018** | -0.758 |
| Low | 0.004 | **0.017** | -1.560 |
| Low\_v\_Moderate | 0.004 | 0.157 | -0.801 |
| MRVIQ | Moderate | 0.000 | **0.003** | -1.145 |
| Low | 0.000 | **0.003** | -1.736 |
| Low\_v\_Moderate | 0.000 | **0.032** | -0.592 |
| RRB | CSS\_sa | Stable | 0.034 | 0.929 | 0.095 |
| Worsening | 0.034 | **0.029** | 1.107 |
| Worsening\_v\_Stable | 0.034 | **0.029** | 1.012 |
| MRNVIQ | Stable | 0.020 | **0.039** | -0.865 |
| Worsening | 0.020 | 0.084 | -1.249 |
| Worsening\_v\_Stable | 0.020 | 0.628 | -0.385 |
| MRVIQ | Stable | 0.013 | **0.044** | -0.745 |
| Worsening | 0.013 | **0.044** | -1.186 |
| Worsening\_v\_Stable | 0.013 | 0.214 | -0.441 |
| Overall Test provides uncorrected p-values for Mann Whitney test for any median differences between clusters Pairwise Test provides FDR-corrected p-values for pairwise tests for any median differences. Significant pairwise differences highlighted in blue. Pairwise Cohen's D provides Cohen's D effect sizes for mean differences between pairs.  Only results with significant overall tests provided for brevity. | | | | | | |