Supplementary Table 1. Males compared to females on literacy measures for the NF1 group

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|  |  |  | **Males (n = 32)** |  | **Females (n= 28)** | **Males vs. females** |  |
| **Variable** | **Measure** | **n** | **M (SD)** |  | **n** | **M (SD)** |  | ***p*** | **Cohen's *d*** |
| **General reading** |  |  |  |  |  |  |  |  |  |
| Regular word reading | CC2 Regular word reading (Z score)  | 32 | -1.45a (0.84)b |  | 28 | -1.43a (0.77)b |  | .790c | .069 |
| Sight word reading fluency  | TOWRE Sight word (Standard score) | 32 | 90.59 (13.51) |  | 28 | 93.18 (12.52) |  | .447 | .198 |
| Nonword reading fluency | TOWRE Phonemic decoding (Standard score)  | 32 | 85.50a (13.00)b |  | 28 | 84.50a (16.00)b |  | .609c | .132 |
| Reading comprehension | TERC (Z score) | 32 | -0.82 (0.87) |  | 28 | -0.81 (0.85) |  | .943 | .019 |
| Word reading ability | *Combined word reading* variable | 32 | -0.51 (0.66) |  | 28 | -0.50 (0.62) |  | .947 | .018 |
| ***Sublexical reading***  |  |  |  |  |  |  |  |  |  |
| Nonword reading  | CC2 Nonword reading (Z score)  | 32 | -1.64a (0.41)b |  | 28 | -1.65a (0.82)b |  | .651c | .117 |
| ***Sublexical subskills*** |  |  |  |  |  |  |  |  |  |
| GPC knowledge | LeST (Raw score, /51) | 32 | 35.22 (6.10) |  | 28 | 34.39 (9.00) |  | .616 | .131 |
| GPC knowledge | GPC test (Raw score, /39)  | 32 | 6.50a (10.00)b |  | 28 | 8.00a (14.00)b |  | .661c | .113 |
| ***Lexical reading***  |  |  |  |  |  |  |  |  |  |
| Irregular word reading | CC2 Irregular word reading (Z score)  | 32 | -0.89a (1.07)b |  | 28 | -0.95a (0.96)b |  | .573c | .146 |
| ***Lexical subskills*** |  |  |  |  |  |  |  |  |  |
| Orthographic lexicon | TOC (Z score)  | 31d | -0.83a (1.29)b |  | 28 | -1.01a (1.48)b |  | .808c | .063 |
| Phonological lexicon  | Rain/Hane test (Raw score)  | 32 | 16.34 (2.55) |  | 27d | 15.22 (3.03) |  | .128 | .403 |
| Semantics | PPVT-4 receptive vocabulary (Standard score) | 32 | 96.03 (9.97) |  | 26e | 91.15 (10.60) |  | .077 | .476 |
| ***Common subskills (lexical and sublexical)*** |  |  |  |  |  |  |  |  |
| Letter identification  | Cross case copying (Raw score, /14)  | 32 | 13.00a (1.00)b |  | 28 | 14.00a (3.00)b |  | .917c | .025 |
| Letter identification  | Letter orientation (Raw score, /54)  | 32 | 51.00a (3.00)b |  | 28 | 51.00a (9.00)b |  | .612c | .130 |
| Phonological output  | Blending nonwords (Raw score, /28)  | 32 | 9.50a (10.00)b |  | 28 | 7.00a (15.00)b |  | .443c | .198 |
|  Phonological output | NEPSY-II nonword repetition (Scaled score)  | 32 | 7.00a (3.00)b |  | 28 | 7.50a (3.00)b |  | .958c | .013 |
| *Note.* Higher scores indicate better performance for all measures |