Supplementary Material 10: Speech and language therapy target of intervention and goodness of fit to model by language domain

Table 1: SLT target of intervention and goodness of fit to model by language domain

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **RCT data only** |  |  |  |  |  | **All data** |  |  |  |
| **Effect** | **Number DF** | **Denominator DF** | **F Value** | **P value** |  | **Number DF** | **Denominator DF** | **F Value** | **P value** |
| **Overall language ability** |  |  |  |  |  |  |  |  |  |
| Baseline score | 1 | 375 | 66.47 | <.0001 |  | 1 | 421 | 70.90 | <.0001 |
| Sex | 1 | 375 | 3.10 | 0.079 |  | 1 | 421 | 2.81 | 0.094 |
| Age group | 3 | 375 | 0.97 | 0.41 |  | 3 | 421 | 1.01 | 0.39 |
| Time since stroke group | 3 | 375 | 1.93 | 0.12 |  | 3 | 421 | 2.04 | 0.11 |
| Randomisation | - | - | - | - |  | 1 | 421 | 0.57 | 0.45 |
| SLT Target | 3 | 375 | 0.55 | 0.65 |  | 4 | 421 | 0.21 | 0.93 |
| **Auditory Comprehension** |  |  |  |  |  |  |  |  |  |
| Baseline score | 1 | 329 | 51.60 | <.0001 |  | 1 | 408 | 74.10 | <.0001 |
| Sex | 1 | 329 | 3.11 | 0.078 |  | 1 | 408 | 2.66 | 0.10 |
| Age group | 3 | 329 | 2.26 | 0.08 |  | 3 | 408 | 2.64 | 0.049 |
| Time since stroke group | 3 | 329 | 0.26 | 0.86 |  | 3 | 408 | 0.37 | 0.78 |
| Randomisation | - | - | - | - |  | 1 | 408 | 1.20 | 0.27 |
| SLT Target | 3 | 329 | 0.29 | 0.83 |  | 5 | 408 | 0.28 | 0.93 |
| **Naming** |  |  |  |  |  |  |  |  |  |
| Baseline score | 1 | 287 | 6.38 | 0.01 |  | 1 | 390 | 4.41 | 0.04 |
| Sex | 1 | 287 | 0.24 | 0.62 |  | 1 | 390 | 0.00 | 1.0 |
| Age group | 3 | 287 | 2.01 | 0.11 |  | 3 | 390 | 1.62 | 0.19 |
| Time since stroke group | 3 | 287 | 2.02 | 0.11 |  | 3 | 390 | 2.52 | 0.06 |
| Randomisation | - | - | - | - |  | 1 | 390 | 0.58 | 0.45 |
| SLT Target | 3 | 287 | 0.79 | 0.50 |  | 3 | 390 | 1.21 | 0.31 |
| **Functional Communication (Observer rated – with activity data)** | | |  |  |  |  |  |  |  |
| Baseline score | 1 | 345 | 24.19 | <.0001 |  | 1 | 409 | 25.69 | <.0001 |
| Sex | 1 | 345 | 7.39 | 0.0069 |  | 1 | 409 | 7.50 | 0.0064 |
| Age group | 3 | 345 | 1.47 | 0.22 |  | 3 | 409 | 1.29 | 0.28 |
| Time since stroke group | 3 | 345 | 1.62 | 0.18 |  | 3 | 409 | 1.41 | 0.24 |
| Randomisation | - | - | - | - |  | 1 | 409 | 0.07 | 0.79 |
| SLT Target | 3 | 345 | 0.88 | 0.45 |  | 4 | 409 | 0.79 | 0.53 |

Key DF = degrees of freedom; F value = F statistic. \* Insufficient data for other spoken language, reading comprehension and writing.