Supplementary Material 9: Speech and language therapy home practice tasks and goodness of fit to model by language domain

Table 1: SLT home practice tasks and goodness of fit to model by language domain

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **RCT data only** |  |  |  |  |  | **All data** |  |  |  |
| **Effect** | **Numerator DF** | **Denominator DF** | **F Value** | **P value** |  | **Numerator DF** | **Denominator DF** | **F Value** | **P value** |
| **Overall language ability** |  |  |  |  |  |  |  |  |  |
| Baseline score | 1 | 398 | 70.47 | <.0001 |  | 1 | 537 | 129.56 | <.0001 |
| Sex | 1 | 398 | 3.90 | 0.049 |  | 1 | 537 | 3.89 | 0.049 |
| Age group | 3 | 398 | 1.76 | 0.16 |  | 3 | 537 | 1.66 | 0.17 |
| Time since stroke group | 3 | 398 | 2.40 | 0.068 |  | 3 | 537 | 3.95 | 0.0084 |
| Randomisation | - | - | - | - |  | 1 | 537 | 0.27 | 0.60 |
| Home practice | 1 | 398 | 1.62 | 0.20 |  | 1 | 537 | 2.05 | 0.15 |
| **Auditory Comprehension** |  |  |  |  |  |  |  |  |  |
| Baseline score | 1 | 470 | 71.02 | <.0001 |  | 1 | 565 | 87.37 | <.0001 |
| Sex | 1 | 470 | 0.70 | 0.40 |  | 1 | 565 | 0.52 | 0.47 |
| Age group | 3 | 470 | 5.82 | 0.0007 |  | 3 | 565 | 6.01 | 0.0005 |
| Time since stroke group | 3 | 470 | 0.70 | 0.55 |  | 3 | 565 | 0.81 | 0.49 |
| Randomisation | - | - | - | - |  | 1 | 565 | 1.67 | 0.2 |
| Home practice | 1 | 470 | 5.54 | 0.019 |  | 1 | 565 | 7.11 | 0.0079 |
| **Naming** |  |  |  |  |  |  |  |  |  |
| Baseline score | 1 | 312 | 3.50 | 0.06 |  | 1 | 461 | 3.63 | 0.058 |
| Sex | 1 | 312 | 0.32 | 0.58 |  | 1 | 461 | 0.00 | 0.97 |
| Age group | 3 | 312 | 2.27 | 0.08 |  | 3 | 461 | 2.39 | 0.068 |
| Time since stroke group | 3 | 312 | 2.14 | 0.096 |  | 3 | 461 | 3.03 | 0.029 |
| Randomisation | - | - | - | - |  | 1 | 461 | 0.24 | 0.62 |
| Home practice | 1 | 312 | 0.00 | 0.98 |  | 1 | 461 | 0.03 | 0.86 |
| **Functional Communication (Observer rated with activity data)** | | | | | |  |  |  |  |
| Baseline score | 1 | 431 | 34.67 | <.0001 |  | 1 | 531 | 44.88 | <.0001 |
| Sex | 1 | 431 | 4.69 | 0.03 |  | 1 | 531 | 3.50 | 0.061 |
| Age group | 3 | 431 | 1.62 | 0.18 |  | 3 | 531 | 1.71 | 0.16 |
| Time since stroke group | 3 | 431 | 3.42 | 0.017 |  | 3 | 531 | 3.46 | 0.016 |
| Randomisation | - | - | - | - |  | 1 | 531 | 0.18 | 0.67 |
| Home practice | 1 | 431 | 0.26 | 0.61 |  | 1 | 531 | 0.28 | 0.59 |

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