Supplementary Material 14: Speech and language therapy context of delivery and goodness of fit to model by language domain

Table 1: SLT context of delivery 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 | 464 | 81.13 | <.0001 |  | 1 | 601 | 138.24 | <.0001 |
| Sex | 1 | 464 | 2.28 | 0.13 |  | 1 | 601 | 2.19 | 0.14 |
| Age group | 3 | 464 | 1.38 | 0.25 |  | 3 | 601 | 1.67 | 0.17 |
| Time since stroke group | 3 | 464 | 2.68 | 0.046 |  | 3 | 601 | 4.20 | 0.0059 |
| Randomisation | - | - | - | - |  | 1 | 601 | 0.33 | 0.56 |
| Inpatient | 1 | 464 | 0.01 | 0.92 |  | 1 | 601 | 0.19 | 0.66 |
| Outpatient | 1 | 464 | 2.62 | 0.11 |  | 1 | 601 | 0.68 | 0.41 |
| **Auditory Comprehension** | | | | | | |  |  |  |
| Baseline score | 1 | 514 | 84.51 | <.0001 |  | 1 | 609 | 102.00 | <.0001 |
| Sex | 1 | 514 | 0.87 | 0.35 |  | 1 | 609 | 0.69 | 0.41 |
| Age group | 3 | 514 | 5.61 | 0.0009 |  | 3 | 609 | 5.94 | 0.0005 |
| Time since stroke group | 3 | 514 | 1.16 | 0.32 |  | 3 | 609 | 1.19 | 0.31 |
| Randomisation | - | - | - | - |  | 1 | 609 | 1.24 | 0.27 |
| Inpatient | 1 | 514 | 0.11 | 0.74 |  | 1 | 609 | 0.29 | 0.59 |
| Outpatient | 1 | 514 | 0.38 | 0.54 |  | 1 | 609 | 1.09 | 0.30 |
| **Naming** |  |  |  |  |  |  |  |  |  |
| Baseline score | 1 | 362 | 5.67 | 0.018 |  | 1 | 512 | 4.57 | 0.033 |
| Sex | 1 | 362 | 0.04 | 0.84 |  | 1 | 512 | 0.14 | 0.71 |
| Age group | 3 | 362 | 2.64 | 0.049 |  | 3 | 512 | 3.16 | 0.025 |
| Time since stroke group | 3 | 362 | 2.08 | 0.10 |  | 3 | 512 | 3.11 | 0.026 |
| Randomisation | - | - | - | - |  | 1 | 512 | 0.07 | 0.78 |
| Inpatient | 1 | 362 | 0.00 | 0.96 |  | 1 | 512 | 0.04 | 0.84 |
| Outpatient | 1 | 362 | 0.07 | 0.79 |  | 1 | 512 | 0.17 | 0.68 |
| **Functional Communication (Observer rated – with activity data)** | | | | |  |  |  |  |  |
| Baseline score | 1 | 509 | 34.50 | <.0001 |  | 1 | 619 | 44.91 | <.0001 |
| Sex | 1 | 509 | 5.56 | 0.019 |  | 1 | 619 | 4.48 | 0.035 |
| Age group | 3 | 509 | 1.05 | 0.37 |  | 3 | 619 | 1.08 | 0.36 |
| Time since stroke group | 3 | 509 | 4.39 | 0.0046 |  | 3 | 619 | 4.68 | 0.0031 |
| Randomisation | - | - | - | - |  | 1 | 619 | 0.15 | 0.70 |
| Inpatient | 1 | 509 | 0.99 | 0.32 |  | 1 | 619 | 1.52 | 0.22 |
| Outpatient | 1 | 509 | 2.34 | 0.13 |  | 1 | 619 | 2.75 | 0.098 |

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