Supplementary Material 15: Speech and language therapy mode of delivery and goodness of fit to model by language domain

Table 1: SLT mode 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 | 80.34 | <.0001 |  | 1 | 601 | 137.65 | <.0001 |
| Sex | 1 | 464 | 2.15 | 0.14 |  | 1 | 601 | 2.13 | 0.14 |
| Age group | 3 | 464 | 1.58 | 0.19 |  | 3 | 601 | 1.82 | 0.14 |
| Time since stroke group | 3 | 464 | 2.19 | 0.089 |  | 3 | 601 | 3.54 | 0.015 |
| Randomisation | - | - | - | - |  | 1 | 601 | 0.26 | 0.61 |
| Mode face to face | 1 | 464 | 1.48 | 0.22 |  | 1 | 601 | 0.09 | 0.77 |
| Mode computer | 1 | 464 | 0.03 | 0.86 |  | 1 | 601 | 0.06 | 0.81 |
| Mode self-managed |  |  |  |  |  | 1 | 601 | 0.24 | 0.63 |
| Auditory **Comprehension** |  |  |  |  |  |  |  |  |  |
| Baseline score | 1 | 513 | 84.93 | <.0001 |  | 1 | 608 | 103.47 | <.0001 |
| Sex | 1 | 513 | 0.67 | 0.41 |  | 1 | 608 | 0.51 | 0.48 |
| Age group | 3 | 513 | 5.63 | 0.0008 |  | 3 | 608 | 5.99 | 0.0005 |
| Time since stroke group | 3 | 513 | 1.25 | 0.29 |  | 3 | 608 | 1.26 | 0.27 |
| Randomisation | - | - | - | - |  | 1 | 608 | 1.52 | 0.22 |
| Mode face to face | 1 | 513 | 0.00 | 0.99 |  | 1 | 608 | 0.00 | 0.98 |
| Mode computer | 1 | 513 | 0.00 | 0.98 |  | 1 | 608 | 0.02 | 0.89 |
| Mode self-managed | 1 | 513 | 0.79 | 0.37 |  | 1 | 608 | 1.48 | 0.22 |
| **Naming** |  |  |  |  |  |  |  |  |  |
| Baseline score | 1 | 362 | 5.98 | 0.015 |  | 1 | 521 | 4.75 | 0.030 |
| Sex | 1 | 362 | 0.04 | 0.85 |  | 1 | 521 | 0.05 | 0.83 |
| Age group | 3 | 362 | 2.52 | 0.058 |  | 3 | 521 | 2.79 | 0.04 |
| Time since stroke group | 3 | 362 | 1.91 | 0.13 |  | 3 | 521 | 2.94 | 0.033 |
| Randomisation | - | - | - | - |  | 1 | 521 | 0.29 | 0.59 |
| Mode face to face | 1 | 362 | 0.02 | 0.90 |  | 1 | 521 | 0.05 | 0.83 |
| Mode computer | 1 | 362 | 0.35 | 0.56 |  | 1 | 521 | 0.15 | 0.70 |
| **Functional Communication (observer rated – with activity data)** | | | | |  |  |  |  |  |
| Baseline score | 1 | 508 | 35.91 | <.0001 |  | 1 | 618 | 47.35 | <.0001 |
| Sex | 1 | 508 | 5.55 | 0.019 |  | 1 | 618 | 4.41 | 0.036 |
| Age group | 3 | 508 | 1.26 | 0.29 |  | 3 | 618 | 1.28 | 0.28 |
| Time since stroke group | 3 | 508 | 2.19 | 0.089 |  | 3 | 618 | 2.23 | 0.083 |
| Randomisation | - | - | - | - |  | 1 | 618 | 0.04 | 0.84 |
| Mode face to face | 1 | 508 | 3.56 | 0.06 |  | 1 | 618 | 3.36 | 0.067 |
| Mode computer | 1 | 508 | 0.63 | 0.43 |  | 1 | 618 | 1.07 | 0.30 |

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