ELSA : Seed report

Date: 2016-10-20

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This report contains a searchable table, followed by publication-ready tables.

# Available models

Study **ELSA** have contributed the following outcome pairs to the IASLA-2015-Portland model pool: NULL

|  |  |  |
| --- | --- | --- |
| process\_a | process\_b | n\_models |
| grip | word\_de | 2 |
| grip | word\_im | 2 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| study\_name | subgroup | model\_type | process\_a | process\_b | n\_models |
| elsa | female | aehplus | grip | word\_de | 1 |
| elsa | female | aehplus | grip | word\_im | 1 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| study\_name | subgroup | model\_type | process\_a | process\_b | n\_models |
| elsa | male | aehplus | grip | word\_de | 1 |
| elsa | male | aehplus | grip | word\_im | 1 |

# female

Gender = *female*; Model type: *aehplus*; Process (a) = *grip*; Process (b): *word\_de*, *word\_im*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| process | label | word\_de | word\_im | mean(sd) |
| a | Level | 20.25 (0.18) <.01 | 20.25 (0.18) <.01 | 20.25(0.00) |
| a | Slope | -0.29 (0.02) <.01 | -0.29 (0.02) <.01 | -0.29(0.00) |
| a | Level \* age | -0.24 (0.01) <.01 | -0.24 (0.01) <.01 | -0.24(0.00) |
| a | Level \* education | 0.99 (0.19) <.01 | 0.99 (0.19) <.01 | 0.99(0.00) |
| a | Level \* height | 0.21 (0.01) <.01 | 0.21 (0.01) <.01 | 0.21(0.00) |
| a | Level \* smoking | -0.17 (0.17) .33 | -0.17 (0.17) .32 | -0.17(0.00) |
| a | Level \* cardio | -1.54 (0.34) <.01 | -1.54 (0.34) <.01 | -1.54(0.00) |
| a | Level \* diabetes | -1.42 (0.40) <.01 | -1.42 (0.40) <.01 | -1.42(0.00) |
| a | Slope \* age | -0.01 (0.00) <.01 | -0.01 (0.00) <.01 | -0.01(0.00) |
| a | Slope \* education | -0.01 (0.02) .45 | -0.01 (0.02) .48 | -0.01(0.00) |
| a | Slope \* height | -0.00 (0.00) .06 | -0.00 (0.00) .05 | -0.00(0.00) |
| a | Slope \* smoking | 0.00 (0.02) .95 | 0.00 (0.02) .96 | 0.00(0.00) |
| a | Slope \* cardio | 0.06 (0.04) .12 | 0.06 (0.04) .14 | 0.06(0.00) |
| a | Slope \* diabetes | 0.00 (0.04) .91 | 0.00 (0.04) .91 | 0.00(0.00) |
| b | Level | 3.89 (0.06) <.01 | 5.29 (0.05) <.01 | --- |
| b | Slope | -0.04 (0.01) <.01 | -0.04 (0.01) <.01 | --- |
| b | Level \* age | -0.07 (0.00) <.01 | -0.06 (0.00) <.01 | --- |
| b | Level \* education | 1.00 (0.07) <.01 | 0.73 (0.06) <.01 | --- |
| b | Level \* height | 0.02 (0.00) <.01 | 0.01 (0.00) .05 | --- |
| b | Level \* smoking | -0.21 (0.06) <.01 | -0.04 (0.05) .49 | --- |
| b | Level \* cardio | -0.12 (0.12) .32 | -0.20 (0.10) .05 | --- |
| b | Level \* diabetes | -0.38 (0.16) .02 | -0.33 (0.14) .02 | --- |
| b | Slope \* age | -0.00 (0.00) <.01 | -0.00 (0.00) <.01 | --- |
| b | Slope \* education | -0.00 (0.01) .56 | 0.01 (0.01) .08 | --- |
| b | Slope \* height | 0.00 (0.00) .71 | 0.00 (0.00) .27 | --- |
| b | Slope \* smoking | 0.01 (0.01) .05 | -0.00 (0.01) .56 | --- |
| b | Slope \* cardio | -0.01 (0.01) .56 | 0.00 (0.01) .72 | --- |
| b | Slope \* diabetes | 0.01 (0.02) .64 | 0.01 (0.02) .58 | --- |
| a | Var (Level) | 17.98 (0.85) <.01 | 17.98 (0.85) <.01 | 17.98(0.00) |
| a | Var (Slope) | 0.02 (0.01) .03 | 0.02 (0.01) .03 | 0.02(0.00) |
| a | Var (Residual) | 8.47 (0.42) <.01 | 8.47 (0.42) <.01 | 8.47(0.00) |
| a | Covar (Level, Slope) | -0.14 (0.07) .05 | -0.14 (0.07) .06 | -0.14(0.00) |
| b | Var (Level) | 1.46 (0.10) <.01 | 0.97 (0.09) <.01 | --- |
| b | Var (Slope) | 0.00 (0.00) .64 | 0.00 (0.00) .08 | --- |
| b | Var (Residual) | 1.91 (0.07) <.01 | 1.61 (0.06) <.01 | --- |
| b | Covar (Level, Slope) | 0.01 (0.01) .37 | -0.01 (0.01) .36 | --- |
| ab | Covar (Levels) | 0.68 (0.17) <.01 | 0.51 (0.16) <.01 | --- |
| ab | Covar (Slopes) | 0.00 (0.00) .97 | 0.00 (0.00) .91 | --- |
| ab | Covar (Residuals) | 0.09 (0.09) .30 | 0.06 (0.08) .49 | --- |
|  | Correlation of Levels | 0.133 | 0.122 | 0.13(0.01) |
|  | Correlation of Slopes | 0.000 | 0.000 | 0.00(0.00) |
|  | Correlation of Residuals | 0.023 | 0.015 | 0.02(0.01) |
|  | N | 3,511 | 3,511 | 3511.00(0.00) |
|  | occasions | 6 | 6 | 6.00(0.00) |
|  | parameters | 41 | 41 | 41.00(0.00) |
|  | LL | -38,178 | -37,206 | -3.769178e+04( 687) |
|  | AIC | 76,437 | 74,494 | 7.546556e+04(1,374) |
|  | BIC | 76,690 | 74,746 | 7.571827e+04(1,374) |

## word\_de

Gender = *female*; Process (a) = *grip*; Process (b) = *word\_de*

|  |  |  |
| --- | --- | --- |
| process | label | aehplus |
| a | Level | 20.25 (0.18) <.01 |
| a | Slope | -0.29 (0.02) <.01 |
| a | Level \* age | -0.24 (0.01) <.01 |
| a | Level \* education | 0.99 (0.19) <.01 |
| a | Level \* height | 0.21 (0.01) <.01 |
| a | Level \* smoking | -0.17 (0.17) .33 |
| a | Level \* cardio | -1.54 (0.34) <.01 |
| a | Level \* diabetes | -1.42 (0.40) <.01 |
| a | Slope \* age | -0.01 (0.00) <.01 |
| a | Slope \* education | -0.01 (0.02) .45 |
| a | Slope \* height | -0.00 (0.00) .06 |
| a | Slope \* smoking | 0.00 (0.02) .95 |
| a | Slope \* cardio | 0.06 (0.04) .12 |
| a | Slope \* diabetes | 0.00 (0.04) .91 |
| b | Level | 3.89 (0.06) <.01 |
| b | Slope | -0.04 (0.01) <.01 |
| b | Level \* age | -0.07 (0.00) <.01 |
| b | Level \* education | 1.00 (0.07) <.01 |
| b | Level \* height | 0.02 (0.00) <.01 |
| b | Level \* smoking | -0.21 (0.06) <.01 |
| b | Level \* cardio | -0.12 (0.12) .32 |
| b | Level \* diabetes | -0.38 (0.16) .02 |
| b | Slope \* age | -0.00 (0.00) <.01 |
| b | Slope \* education | -0.00 (0.01) .56 |
| b | Slope \* height | 0.00 (0.00) .71 |
| b | Slope \* smoking | 0.01 (0.01) .05 |
| b | Slope \* cardio | -0.01 (0.01) .56 |
| b | Slope \* diabetes | 0.01 (0.02) .64 |
| a | Var (Level) | 17.98 (0.85) <.01 |
| a | Var (Slope) | 0.02 (0.01) .03 |
| a | Var (Residual) | 8.47 (0.42) <.01 |
| a | Covar (Level, Slope) | -0.14 (0.07) .05 |
| b | Var (Level) | 1.46 (0.10) <.01 |
| b | Var (Slope) | 0.00 (0.00) .64 |
| b | Var (Residual) | 1.91 (0.07) <.01 |
| b | Covar (Level, Slope) | 0.01 (0.01) .37 |
| ab | Covar (Levels) | 0.68 (0.17) <.01 |
| ab | Covar (Slopes) | 0.00 (0.00) .97 |
| ab | Covar (Residuals) | 0.09 (0.09) .30 |
|  | Correlation of Levels | 0.133 |
|  | Correlation of Slopes | 0.000 |
|  | Correlation of Residuals | 0.023 |
|  | N | 3,511 |
|  | occasions | 6 |
|  | parameters | 41 |
|  | LL | -38,178 |
|  | AIC | 76,437 |
|  | BIC | 76,690 |

## word\_im

Gender = *female*; Process (a) = *grip*; Process (b) = *word\_im*

|  |  |  |
| --- | --- | --- |
| process | label | aehplus |
| a | Level | 20.25 (0.18) <.01 |
| a | Slope | -0.29 (0.02) <.01 |
| a | Level \* age | -0.24 (0.01) <.01 |
| a | Level \* education | 0.99 (0.19) <.01 |
| a | Level \* height | 0.21 (0.01) <.01 |
| a | Level \* smoking | -0.17 (0.17) .32 |
| a | Level \* cardio | -1.54 (0.34) <.01 |
| a | Level \* diabetes | -1.42 (0.40) <.01 |
| a | Slope \* age | -0.01 (0.00) <.01 |
| a | Slope \* education | -0.01 (0.02) .48 |
| a | Slope \* height | -0.00 (0.00) .05 |
| a | Slope \* smoking | 0.00 (0.02) .96 |
| a | Slope \* cardio | 0.06 (0.04) .14 |
| a | Slope \* diabetes | 0.00 (0.04) .91 |
| b | Level | 5.29 (0.05) <.01 |
| b | Slope | -0.04 (0.01) <.01 |
| b | Level \* age | -0.06 (0.00) <.01 |
| b | Level \* education | 0.73 (0.06) <.01 |
| b | Level \* height | 0.01 (0.00) .05 |
| b | Level \* smoking | -0.04 (0.05) .49 |
| b | Level \* cardio | -0.20 (0.10) .05 |
| b | Level \* diabetes | -0.33 (0.14) .02 |
| b | Slope \* age | -0.00 (0.00) <.01 |
| b | Slope \* education | 0.01 (0.01) .08 |
| b | Slope \* height | 0.00 (0.00) .27 |
| b | Slope \* smoking | -0.00 (0.01) .56 |
| b | Slope \* cardio | 0.00 (0.01) .72 |
| b | Slope \* diabetes | 0.01 (0.02) .58 |
| a | Var (Level) | 17.98 (0.85) <.01 |
| a | Var (Slope) | 0.02 (0.01) .03 |
| a | Var (Residual) | 8.47 (0.42) <.01 |
| a | Covar (Level, Slope) | -0.14 (0.07) .06 |
| b | Var (Level) | 0.97 (0.09) <.01 |
| b | Var (Slope) | 0.00 (0.00) .08 |
| b | Var (Residual) | 1.61 (0.06) <.01 |
| b | Covar (Level, Slope) | -0.01 (0.01) .36 |
| ab | Covar (Levels) | 0.51 (0.16) <.01 |
| ab | Covar (Slopes) | 0.00 (0.00) .91 |
| ab | Covar (Residuals) | 0.06 (0.08) .49 |
|  | Correlation of Levels | 0.122 |
|  | Correlation of Slopes | 0.000 |
|  | Correlation of Residuals | 0.015 |
|  | N | 3,511 |
|  | occasions | 6 |
|  | parameters | 41 |
|  | LL | -37,206 |
|  | AIC | 74,494 |
|  | BIC | 74,746 |

## Summary

Study = *ELSA*; Gender = *female*; Process (a) = *grip*

Computed correlations:

|  |  |  |
| --- | --- | --- |
| label | process\_b | aehplus |
| Correlation of Levels | word\_de | 0.13 |
| Correlation of Levels | word\_im | 0.12 |

|  |  |  |
| --- | --- | --- |
| label | process\_b | aehplus |
| Correlation of Slopes | word\_de | 0.00 |
| Correlation of Slopes | word\_im | 0.00 |

|  |  |  |
| --- | --- | --- |
| label | process\_b | aehplus |
| Correlation of Residuals | word\_de | 0.02 |
| Correlation of Residuals | word\_im | 0.02 |

P-values for corresponding covariances:

|  |  |  |
| --- | --- | --- |
| label | process\_b | aehplus |
| Covariance of Levels | word\_de | 0.00 |
| Covariance of Levels | word\_im | 0.00 |

|  |  |  |
| --- | --- | --- |
| label | process\_b | aehplus |
| Covariance of Slopes | word\_de | 0.97 |
| Covariance of Slopes | word\_im | 0.91 |

|  |  |  |
| --- | --- | --- |
| label | process\_b | aehplus |
| Covariance of Residuals | word\_de | 0.30 |
| Covariance of Residuals | word\_im | 0.49 |

# male

Gender = *male*; Model type: *aehplus*; Process (a) = *grip*; Process (b): *word\_de*, *word\_im*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| process | label | word\_de | word\_im | mean(sd) |
| a | Level | 34.27 (0.33) <.01 | 34.27 (0.33) <.01 | 34.27(0.00) |
| a | Slope | -0.45 (0.04) <.01 | -0.45 (0.04) <.01 | -0.45(0.00) |
| a | Level \* age | -0.46 (0.01) <.01 | -0.46 (0.01) <.01 | -0.46(0.00) |
| a | Level \* education | 1.26 (0.30) <.01 | 1.25 (0.30) <.01 | 1.26(0.00) |
| a | Level \* height | 0.29 (0.02) <.01 | 0.29 (0.02) <.01 | 0.29(0.00) |
| a | Level \* smoking | -0.38 (0.29) .20 | -0.38 (0.29) .20 | -0.38(0.00) |
| a | Level \* cardio | -0.33 (0.39) .39 | -0.34 (0.39) .39 | -0.33(0.00) |
| a | Level \* diabetes | -2.03 (0.50) <.01 | -2.04 (0.50) <.01 | -2.04(0.00) |
| a | Slope \* age | -0.01 (0.00) <.01 | -0.01 (0.00) <.01 | -0.01(0.00) |
| a | Slope \* education | -0.03 (0.03) .35 | -0.03 (0.03) .38 | -0.03(0.00) |
| a | Slope \* height | 0.00 (0.00) .54 | 0.00 (0.00) .55 | 0.00(0.00) |
| a | Slope \* smoking | -0.01 (0.03) .74 | -0.01 (0.03) .75 | -0.01(0.00) |
| a | Slope \* cardio | -0.13 (0.04) <.01 | -0.13 (0.04) <.01 | -0.13(0.00) |
| a | Slope \* diabetes | -0.16 (0.05) <.01 | -0.16 (0.05) <.01 | -0.16(0.00) |
| b | Level | 3.27 (0.08) <.01 | 4.87 (0.07) <.01 | --- |
| b | Slope | 0.00 (0.01) .64 | -0.03 (0.01) <.01 | --- |
| b | Level \* age | -0.07 (0.00) <.01 | -0.05 (0.00) <.01 | --- |
| b | Level \* education | 0.92 (0.07) <.01 | 0.76 (0.06) <.01 | --- |
| b | Level \* height | 0.02 (0.00) <.01 | 0.01 (0.00) <.01 | --- |
| b | Level \* smoking | 0.02 (0.07) .71 | -0.00 (0.06) .95 | --- |
| b | Level \* cardio | -0.06 (0.10) .52 | -0.16 (0.09) .07 | --- |
| b | Level \* diabetes | -0.28 (0.11) .01 | -0.10 (0.10) .32 | --- |
| b | Slope \* age | -0.00 (0.00) <.01 | -0.00 (0.00) <.01 | --- |
| b | Slope \* education | -0.01 (0.01) .18 | -0.00 (0.01) .95 | --- |
| b | Slope \* height | 0.00 (0.00) .99 | 0.00 (0.00) .09 | --- |
| b | Slope \* smoking | -0.02 (0.01) .02 | -0.02 (0.01) .04 | --- |
| b | Slope \* cardio | -0.03 (0.01) .03 | -0.01 (0.01) .62 | --- |
| b | Slope \* diabetes | -0.01 (0.02) .39 | -0.01 (0.02) .49 | --- |
| a | Var (Level) | 37.85 (1.98) <.01 | 37.61 (1.98) <.01 | 37.73(0.17) |
| a | Var (Slope) | 0.04 (0.03) .09 | 0.04 (0.03) .14 | 0.04(0.00) |
| a | Var (Residual) | 18.17 (0.93) <.01 | 18.34 (0.94) <.01 | 18.26(0.12) |
| a | Covar (Level, Slope) | -0.39 (0.19) .04 | -0.35 (0.18) .06 | -0.37(0.03) |
| b | Var (Level) | 1.41 (0.10) <.01 | 1.00 (0.08) <.01 | --- |
| b | Var (Slope) | 0.00 (0.00) .16 | 0.00 (0.00) .01 | --- |
| b | Var (Residual) | 1.71 (0.06) <.01 | 1.39 (0.06) <.01 | --- |
| b | Covar (Level, Slope) | -0.01 (0.01) .31 | -0.02 (0.01) .06 | --- |
| ab | Covar (Levels) | 0.34 (0.26) .20 | 0.13 (0.23) .57 | --- |
| ab | Covar (Slopes) | -0.00 (0.00) .18 | -0.00 (0.00) .14 | --- |
| ab | Covar (Residuals) | 0.12 (0.13) .33 | 0.29 (0.12) .02 | --- |
|  | Correlation of Levels | 0.047 | 0.022 | 0.03(0.02) |
|  | Correlation of Slopes | -0.430 | -0.406 | -0.42(0.02) |
|  | Correlation of Residuals | 0.022 | 0.058 | 0.04(0.03) |
|  | N | 3,091 | 3,091 | 3091.00(0.00) |
|  | occasions | 6 | 6 | 6.00(0.00) |
|  | parameters | 41 | 41 | 41.00(0.00) |
|  | LL | -35,472 | -34,622 | -3.504691e+04( 602) |
|  | AIC | 71,027 | 69,325 | 7.017582e+04(1,203) |
|  | BIC | 71,274 | 69,572 | 7.042331e+04(1,203) |

## word\_de

Gender = *male*; Process (a) = *grip*; Process (b) = *word\_de*

|  |  |  |
| --- | --- | --- |
| process | label | aehplus |
| a | Level | 34.27 (0.33) <.01 |
| a | Slope | -0.45 (0.04) <.01 |
| a | Level \* age | -0.46 (0.01) <.01 |
| a | Level \* education | 1.26 (0.30) <.01 |
| a | Level \* height | 0.29 (0.02) <.01 |
| a | Level \* smoking | -0.38 (0.29) .20 |
| a | Level \* cardio | -0.33 (0.39) .39 |
| a | Level \* diabetes | -2.03 (0.50) <.01 |
| a | Slope \* age | -0.01 (0.00) <.01 |
| a | Slope \* education | -0.03 (0.03) .35 |
| a | Slope \* height | 0.00 (0.00) .54 |
| a | Slope \* smoking | -0.01 (0.03) .74 |
| a | Slope \* cardio | -0.13 (0.04) <.01 |
| a | Slope \* diabetes | -0.16 (0.05) <.01 |
| b | Level | 3.27 (0.08) <.01 |
| b | Slope | 0.00 (0.01) .64 |
| b | Level \* age | -0.07 (0.00) <.01 |
| b | Level \* education | 0.92 (0.07) <.01 |
| b | Level \* height | 0.02 (0.00) <.01 |
| b | Level \* smoking | 0.02 (0.07) .71 |
| b | Level \* cardio | -0.06 (0.10) .52 |
| b | Level \* diabetes | -0.28 (0.11) .01 |
| b | Slope \* age | -0.00 (0.00) <.01 |
| b | Slope \* education | -0.01 (0.01) .18 |
| b | Slope \* height | 0.00 (0.00) .99 |
| b | Slope \* smoking | -0.02 (0.01) .02 |
| b | Slope \* cardio | -0.03 (0.01) .03 |
| b | Slope \* diabetes | -0.01 (0.02) .39 |
| a | Var (Level) | 37.85 (1.98) <.01 |
| a | Var (Slope) | 0.04 (0.03) .09 |
| a | Var (Residual) | 18.17 (0.93) <.01 |
| a | Covar (Level, Slope) | -0.39 (0.19) .04 |
| b | Var (Level) | 1.41 (0.10) <.01 |
| b | Var (Slope) | 0.00 (0.00) .16 |
| b | Var (Residual) | 1.71 (0.06) <.01 |
| b | Covar (Level, Slope) | -0.01 (0.01) .31 |
| ab | Covar (Levels) | 0.34 (0.26) .20 |
| ab | Covar (Slopes) | -0.00 (0.00) .18 |
| ab | Covar (Residuals) | 0.12 (0.13) .33 |
|  | Correlation of Levels | 0.047 |
|  | Correlation of Slopes | -0.430 |
|  | Correlation of Residuals | 0.022 |
|  | N | 3,091 |
|  | occasions | 6 |
|  | parameters | 41 |
|  | LL | -35,472 |
|  | AIC | 71,027 |
|  | BIC | 71,274 |

## word\_im

Gender = *male*; Process (a) = *grip*; Process (b) = *word\_im*

|  |  |  |
| --- | --- | --- |
| process | label | aehplus |
| a | Level | 34.27 (0.33) <.01 |
| a | Slope | -0.45 (0.04) <.01 |
| a | Level \* age | -0.46 (0.01) <.01 |
| a | Level \* education | 1.25 (0.30) <.01 |
| a | Level \* height | 0.29 (0.02) <.01 |
| a | Level \* smoking | -0.38 (0.29) .20 |
| a | Level \* cardio | -0.34 (0.39) .39 |
| a | Level \* diabetes | -2.04 (0.50) <.01 |
| a | Slope \* age | -0.01 (0.00) <.01 |
| a | Slope \* education | -0.03 (0.03) .38 |
| a | Slope \* height | 0.00 (0.00) .55 |
| a | Slope \* smoking | -0.01 (0.03) .75 |
| a | Slope \* cardio | -0.13 (0.04) <.01 |
| a | Slope \* diabetes | -0.16 (0.05) <.01 |
| b | Level | 4.87 (0.07) <.01 |
| b | Slope | -0.03 (0.01) <.01 |
| b | Level \* age | -0.05 (0.00) <.01 |
| b | Level \* education | 0.76 (0.06) <.01 |
| b | Level \* height | 0.01 (0.00) <.01 |
| b | Level \* smoking | -0.00 (0.06) .95 |
| b | Level \* cardio | -0.16 (0.09) .07 |
| b | Level \* diabetes | -0.10 (0.10) .32 |
| b | Slope \* age | -0.00 (0.00) <.01 |
| b | Slope \* education | -0.00 (0.01) .95 |
| b | Slope \* height | 0.00 (0.00) .09 |
| b | Slope \* smoking | -0.02 (0.01) .04 |
| b | Slope \* cardio | -0.01 (0.01) .62 |
| b | Slope \* diabetes | -0.01 (0.02) .49 |
| a | Var (Level) | 37.61 (1.98) <.01 |
| a | Var (Slope) | 0.04 (0.03) .14 |
| a | Var (Residual) | 18.34 (0.94) <.01 |
| a | Covar (Level, Slope) | -0.35 (0.18) .06 |
| b | Var (Level) | 1.00 (0.08) <.01 |
| b | Var (Slope) | 0.00 (0.00) .01 |
| b | Var (Residual) | 1.39 (0.06) <.01 |
| b | Covar (Level, Slope) | -0.02 (0.01) .06 |
| ab | Covar (Levels) | 0.13 (0.23) .57 |
| ab | Covar (Slopes) | -0.00 (0.00) .14 |
| ab | Covar (Residuals) | 0.29 (0.12) .02 |
|  | Correlation of Levels | 0.022 |
|  | Correlation of Slopes | -0.406 |
|  | Correlation of Residuals | 0.058 |
|  | N | 3,091 |
|  | occasions | 6 |
|  | parameters | 41 |
|  | LL | -34,622 |
|  | AIC | 69,325 |
|  | BIC | 69,572 |

## Summary

Study = *ELSA*; Gender = *male*; Process (a) = *grip*

Computed correlations:

|  |  |  |
| --- | --- | --- |
| label | process\_b | aehplus |
| Correlation of Levels | word\_de | 0.05 |
| Correlation of Levels | word\_im | 0.02 |

|  |  |  |
| --- | --- | --- |
| label | process\_b | aehplus |
| Correlation of Slopes | word\_de | -0.43 |
| Correlation of Slopes | word\_im | -0.41 |

|  |  |  |
| --- | --- | --- |
| label | process\_b | aehplus |
| Correlation of Residuals | word\_de | 0.02 |
| Correlation of Residuals | word\_im | 0.06 |

P-values for corresponding covariances:

|  |  |  |
| --- | --- | --- |
| label | process\_b | aehplus |
| Covariance of Levels | word\_de | 0.20 |
| Covariance of Levels | word\_im | 0.57 |

|  |  |  |
| --- | --- | --- |
| label | process\_b | aehplus |
| Covariance of Slopes | word\_de | 0.18 |
| Covariance of Slopes | word\_im | 0.14 |

|  |  |  |
| --- | --- | --- |
| label | process\_b | aehplus |
| Covariance of Residuals | word\_de | 0.33 |
| Covariance of Residuals | word\_im | 0.02 |

#Session Info

R version 3.3.1 (2016-06-21)  
Platform: x86\_64-w64-mingw32/x64 (64-bit)  
Running under: Windows >= 8 x64 (build 9200)  
  
locale:  
[1] LC\_COLLATE=English\_United States.1252 LC\_CTYPE=English\_United States.1252 LC\_MONETARY=English\_United States.1252  
[4] LC\_NUMERIC=C LC\_TIME=English\_United States.1252   
  
attached base packages:  
[1] stats graphics grDevices utils datasets methods base   
  
other attached packages:  
[1] knitr\_1.14 ggplot2\_2.1.0 magrittr\_1.5   
  
loaded via a namespace (and not attached):  
 [1] Rcpp\_0.12.7 munsell\_0.4.3 testit\_0.5 colorspace\_1.2-7 R6\_2.2.0 stringr\_1.1.0   
 [7] highr\_0.6 plyr\_1.8.4 dplyr\_0.5.0 tools\_3.3.1 DT\_0.2 grid\_3.3.1   
[13] gtable\_0.2.0 DBI\_0.5-1 htmltools\_0.3.5 yaml\_2.1.13 lazyeval\_0.2.0 assertthat\_0.1   
[19] digest\_0.6.10 tibble\_1.2 formatR\_1.4 readr\_1.0.0 tidyr\_0.6.0 htmlwidgets\_0.7   
[25] rsconnect\_0.5 evaluate\_0.10 rmarkdown\_1.1 stringi\_1.1.2 scales\_0.4.0