NuAge : Seed Report

Date: 2016-10-31

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

# grip : Available models

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

|  |  |  |
| --- | --- | --- |
| process\_a | process\_b | n\_models |
| grip | gait | 2 |
| grip | tug | 2 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| study\_name | subgroup | model\_type | process\_a | process\_b | n\_models |
| nuage | female | aehplus | grip | gait | 1 |
| nuage | female | aehplus | grip | tug | 1 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| study\_name | subgroup | model\_type | process\_a | process\_b | n\_models |
| nuage | male | aehplus | grip | gait | 1 |
| nuage | male | aehplus | grip | tug | 1 |

# female

Gender = *female*; Model type: *aehplus*; Process (a) = *grip*; Process (b): *gait*, *tug*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| process | label | gait | tug | mean(sd) |
| ab | Covar (Levels) | -1.75 (0.40) <.01 | -7.37 (1.16) <.01 | --- |
| ab | Covar (Slopes) | -0.04 (0.04) .37 | -0.17 (0.12) .14 | --- |
| ab | Covar (Residuals) | -0.13 (0.09) .15 | -0.10 (0.24) .67 | --- |
| er | Corr (Levels) | -0.18 (0.04) <.01 | -0.27 (0.04) <.01 | --- |
| er | Corr (Slopes) | -0.10 (0.12) .37 | -0.26 (0.17) .13 | --- |
| er | Corr (Residuals) | -0.04 (0.03) .15 | -0.01 (0.03) .67 | --- |
| a | Level | 60.56 (1.12) <.01 | 60.57 (1.12) <.01 | 60.56(0.00) |
| a | Slope | -2.20 (0.28) <.01 | -2.20 (0.28) <.01 | -2.20(0.00) |
| a | Level \* age | -0.94 (0.11) <.01 | -0.94 (0.11) <.01 | -0.94(0.00) |
| a | Level \* education | 0.01 (0.13) .95 | 0.01 (0.13) .95 | 0.01(0.00) |
| a | Level \* height | -10.97 (8.00) .17 | -10.91 (8.00) .17 | -10.94(0.04) |
| a | Level \* smoking | 1.22 (1.00) .22 | 1.21 (1.00) .23 | 1.22(0.01) |
| a | Level \* cardio | 2.84 (1.28) .03 | 2.85 (1.28) .03 | 2.85(0.01) |
| a | Level \* diabetes | 0.02 (1.88) .99 | 0.03 (1.88) .99 | 0.03(0.01) |
| a | Slope \* age | 0.02 (0.03) .56 | 0.01 (0.03) .62 | 0.01(0.00) |
| a | Slope \* education | -0.02 (0.03) .64 | -0.01 (0.03) .67 | -0.02(0.00) |
| a | Slope \* height | -0.99 (2.01) .62 | -0.99 (2.01) .62 | -0.99(0.00) |
| a | Slope \* smoking | 0.48 (0.25) .05 | 0.48 (0.25) .05 | 0.48(0.00) |
| a | Slope \* cardio | -0.53 (0.31) .08 | -0.51 (0.31) .10 | -0.52(0.02) |
| a | Slope \* diabetes | -0.47 (0.49) .34 | -0.48 (0.49) .33 | -0.48(0.01) |
| b | Level | 3.95 (0.06) <.01 | 9.75 (0.17) <.01 | --- |
| b | Slope | 0.02 (0.02) .47 | 0.11 (0.06) .04 | --- |
| b | Level \* age | 0.06 (0.01) <.01 | 0.17 (0.02) <.01 | --- |
| b | Level \* education | -0.02 (0.01) .03 | 0.00 (0.02) .89 | --- |
| b | Level \* height | -2.61 (0.47) <.01 | -3.39 (1.29) .01 | --- |
| b | Level \* smoking | -0.07 (0.06) .19 | -0.14 (0.16) .38 | --- |
| b | Level \* cardio | 0.11 (0.08) .15 | 0.22 (0.21) .29 | --- |
| b | Level \* diabetes | 0.14 (0.11) .19 | 0.47 (0.29) .11 | --- |
| b | Slope \* age | 0.01 (0.00) <.01 | 0.04 (0.01) <.01 | --- |
| b | Slope \* education | 0.00 (0.00) .58 | 0.01 (0.01) .27 | --- |
| b | Slope \* height | 0.09 (0.22) .67 | 0.36 (0.48) .46 | --- |
| b | Slope \* smoking | 0.01 (0.03) .65 | -0.03 (0.06) .58 | --- |
| b | Slope \* cardio | 0.06 (0.03) .06 | 0.12 (0.08) .15 | --- |
| b | Slope \* diabetes | 0.00 (0.03) .91 | 0.10 (0.10) .32 | --- |
| a | Var (Level) | 176.11 (10.89) <.01 | 176.04 (10.89) <.01 | 176.07(0.05) |
| a | Var (Slope) | 2.67 (0.88) <.01 | 2.70 (0.88) <.01 | 2.68(0.02) |
| a | Var (Residual) | 37.89 (2.67) <.01 | 37.91 (2.67) <.01 | 37.90(0.02) |
| b | Var (Level) | 0.52 (0.09) <.01 | 4.18 (0.66) <.01 | --- |
| b | Var (Slope) | 0.05 (0.01) <.01 | 0.16 (0.06) .01 | --- |
| b | Var (Residual) | 0.28 (0.02) <.01 | 1.78 (0.20) <.01 | --- |
| a | Covar (Level, Slope) | -2.23 (2.04) .27 | -2.19 (2.04) .28 | -2.21(0.03) |
| b | Covar (Level, Slope) | 0.04 (0.02) .10 | 0.29 (0.18) .12 | --- |
|  | Correlation of Levels | -0.184 | -0.272 | -0.23(0.06) |
|  | Correlation of Slopes | -0.103 | -0.260 | -0.18(0.11) |
|  | Correlation of Residuals | -0.042 | -0.012 | -0.03(0.02) |
|  | N | 934 | 934 | 934.00(0.00) |
|  | occasions | 4 | 4 | 4.00(0.00) |
|  | parameters | 45 | 45 | 45.00(0.00) |
|  | LL | -15,587 | -18,531 | -1.705944e+04(2,082) |
|  | AIC | 31,265 | 37,153 | 3.420888e+04(4,164) |
|  | BIC | 31,483 | 37,371 | 3.442666e+04(4,164) |

## gait

Gender = *female*; Process (a) = *grip*; Process (b) = *gait*

|  |  |  |
| --- | --- | --- |
| process | label | aehplus |
| ab | Covar (Levels) | -1.75 (0.40) <.01 |
| ab | Covar (Slopes) | -0.04 (0.04) .37 |
| ab | Covar (Residuals) | -0.13 (0.09) .15 |
| er | Corr (Levels) | -0.18 (0.04) <.01 |
| er | Corr (Slopes) | -0.10 (0.12) .37 |
| er | Corr (Residuals) | -0.04 (0.03) .15 |
| a | Level | 60.56 (1.12) <.01 |
| a | Slope | -2.20 (0.28) <.01 |
| a | Level \* age | -0.94 (0.11) <.01 |
| a | Level \* education | 0.01 (0.13) .95 |
| a | Level \* height | -10.97 (8.00) .17 |
| a | Level \* smoking | 1.22 (1.00) .22 |
| a | Level \* cardio | 2.84 (1.28) .03 |
| a | Level \* diabetes | 0.02 (1.88) .99 |
| a | Slope \* age | 0.02 (0.03) .56 |
| a | Slope \* education | -0.02 (0.03) .64 |
| a | Slope \* height | -0.99 (2.01) .62 |
| a | Slope \* smoking | 0.48 (0.25) .05 |
| a | Slope \* cardio | -0.53 (0.31) .08 |
| a | Slope \* diabetes | -0.47 (0.49) .34 |
| b | Level | 3.95 (0.06) <.01 |
| b | Slope | 0.02 (0.02) .47 |
| b | Level \* age | 0.06 (0.01) <.01 |
| b | Level \* education | -0.02 (0.01) .03 |
| b | Level \* height | -2.61 (0.47) <.01 |
| b | Level \* smoking | -0.07 (0.06) .19 |
| b | Level \* cardio | 0.11 (0.08) .15 |
| b | Level \* diabetes | 0.14 (0.11) .19 |
| b | Slope \* age | 0.01 (0.00) <.01 |
| b | Slope \* education | 0.00 (0.00) .58 |
| b | Slope \* height | 0.09 (0.22) .67 |
| b | Slope \* smoking | 0.01 (0.03) .65 |
| b | Slope \* cardio | 0.06 (0.03) .06 |
| b | Slope \* diabetes | 0.00 (0.03) .91 |
| a | Var (Level) | 176.11 (10.89) <.01 |
| a | Var (Slope) | 2.67 (0.88) <.01 |
| a | Var (Residual) | 37.89 (2.67) <.01 |
| b | Var (Level) | 0.52 (0.09) <.01 |
| b | Var (Slope) | 0.05 (0.01) <.01 |
| b | Var (Residual) | 0.28 (0.02) <.01 |
| a | Covar (Level, Slope) | -2.23 (2.04) .27 |
| b | Covar (Level, Slope) | 0.04 (0.02) .10 |
|  | Correlation of Levels | -0.184 |
|  | Correlation of Slopes | -0.103 |
|  | Correlation of Residuals | -0.042 |
|  | N | 934 |
|  | occasions | 4 |
|  | parameters | 45 |
|  | LL | -15,587 |
|  | AIC | 31,265 |
|  | BIC | 31,483 |

## tug

Gender = *female*; Process (a) = *grip*; Process (b) = *tug*

|  |  |  |
| --- | --- | --- |
| process | label | aehplus |
| ab | Covar (Levels) | -7.37 (1.16) <.01 |
| ab | Covar (Slopes) | -0.17 (0.12) .14 |
| ab | Covar (Residuals) | -0.10 (0.24) .67 |
| er | Corr (Levels) | -0.27 (0.04) <.01 |
| er | Corr (Slopes) | -0.26 (0.17) .13 |
| er | Corr (Residuals) | -0.01 (0.03) .67 |
| a | Level | 60.57 (1.12) <.01 |
| a | Slope | -2.20 (0.28) <.01 |
| a | Level \* age | -0.94 (0.11) <.01 |
| a | Level \* education | 0.01 (0.13) .95 |
| a | Level \* height | -10.91 (8.00) .17 |
| a | Level \* smoking | 1.21 (1.00) .23 |
| a | Level \* cardio | 2.85 (1.28) .03 |
| a | Level \* diabetes | 0.03 (1.88) .99 |
| a | Slope \* age | 0.01 (0.03) .62 |
| a | Slope \* education | -0.01 (0.03) .67 |
| a | Slope \* height | -0.99 (2.01) .62 |
| a | Slope \* smoking | 0.48 (0.25) .05 |
| a | Slope \* cardio | -0.51 (0.31) .10 |
| a | Slope \* diabetes | -0.48 (0.49) .33 |
| b | Level | 9.75 (0.17) <.01 |
| b | Slope | 0.11 (0.06) .04 |
| b | Level \* age | 0.17 (0.02) <.01 |
| b | Level \* education | 0.00 (0.02) .89 |
| b | Level \* height | -3.39 (1.29) .01 |
| b | Level \* smoking | -0.14 (0.16) .38 |
| b | Level \* cardio | 0.22 (0.21) .29 |
| b | Level \* diabetes | 0.47 (0.29) .11 |
| b | Slope \* age | 0.04 (0.01) <.01 |
| b | Slope \* education | 0.01 (0.01) .27 |
| b | Slope \* height | 0.36 (0.48) .46 |
| b | Slope \* smoking | -0.03 (0.06) .58 |
| b | Slope \* cardio | 0.12 (0.08) .15 |
| b | Slope \* diabetes | 0.10 (0.10) .32 |
| a | Var (Level) | 176.04 (10.89) <.01 |
| a | Var (Slope) | 2.70 (0.88) <.01 |
| a | Var (Residual) | 37.91 (2.67) <.01 |
| b | Var (Level) | 4.18 (0.66) <.01 |
| b | Var (Slope) | 0.16 (0.06) .01 |
| b | Var (Residual) | 1.78 (0.20) <.01 |
| a | Covar (Level, Slope) | -2.19 (2.04) .28 |
| b | Covar (Level, Slope) | 0.29 (0.18) .12 |
|  | Correlation of Levels | -0.272 |
|  | Correlation of Slopes | -0.260 |
|  | Correlation of Residuals | -0.012 |
|  | N | 934 |
|  | occasions | 4 |
|  | parameters | 45 |
|  | LL | -18,531 |
|  | AIC | 37,153 |
|  | BIC | 37,371 |

# male

Gender = *male*; Model type: *aehplus*; Process (a) = *grip*; Process (b): *gait*, *tug*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| process | label | gait | tug | mean(sd) |
| ab | Covar (Levels) | -1.87 (0.73) .01 | -5.71 (1.35) <.01 | --- |
| ab | Covar (Slopes) | -0.07 (0.04) .11 | -0.20 (0.10) .05 | --- |
| ab | Covar (Residuals) | -0.23 (0.10) .02 | -0.36 (0.20) .07 | --- |
| er | Corr (Levels) | -0.20 (0.06) <.01 | -0.25 (0.05) <.01 | --- |
| er | Corr (Slopes) | -0.24 (0.28) .39 | -0.24 (0.12) .05 | --- |
| er | Corr (Residuals) | -0.05 (0.02) .04 | -0.04 (0.02) .05 | --- |
| a | Level | 80.72 (1.37) <.01 | 80.73 (1.37) <.01 | 80.73(0.01) |
| a | Slope | -2.34 (0.29) <.01 | -2.35 (0.29) <.01 | -2.34(0.01) |
| a | Level \* age | -1.39 (0.13) <.01 | -1.39 (0.13) <.01 | -1.39(0.00) |
| a | Level \* education | 0.13 (0.12) .27 | 0.12 (0.12) .27 | 0.13(0.00) |
| a | Level \* height | 59.48 (7.30) <.01 | 59.55 (7.30) <.01 | 59.52(0.05) |
| a | Level \* smoking | 0.27 (1.12) .81 | 0.26 (1.12) .81 | 0.27(0.00) |
| a | Level \* cardio | 1.38 (1.22) .26 | 1.38 (1.22) .26 | 1.38(0.00) |
| a | Level \* diabetes | -3.02 (1.78) .09 | -3.02 (1.78) .09 | -3.02(0.00) |
| a | Slope \* age | -0.03 (0.03) .32 | -0.03 (0.03) .32 | -0.03(0.00) |
| a | Slope \* education | -0.00 (0.02) .96 | -0.00 (0.02) .97 | -0.00(0.00) |
| a | Slope \* height | -0.54 (1.66) .74 | -0.57 (1.65) .73 | -0.55(0.02) |
| a | Slope \* smoking | -0.13 (0.25) .59 | -0.12 (0.25) .62 | -0.13(0.01) |
| a | Slope \* cardio | 0.02 (0.25) .92 | 0.03 (0.25) .89 | 0.03(0.01) |
| a | Slope \* diabetes | -0.35 (0.39) .36 | -0.34 (0.39) .38 | -0.35(0.01) |
| b | Level | 3.82 (0.08) <.01 | 9.69 (0.19) <.01 | --- |
| b | Slope | -0.04 (0.03) .17 | 0.10 (0.06) .09 | --- |
| b | Level \* age | 0.04 (0.01) <.01 | 0.14 (0.02) <.01 | --- |
| b | Level \* education | -0.02 (0.00) <.01 | -0.01 (0.01) .30 | --- |
| b | Level \* height | -1.27 (0.44) <.01 | -1.01 (1.18) .39 | --- |
| b | Level \* smoking | 0.05 (0.06) .38 | -0.04 (0.14) .76 | --- |
| b | Level \* cardio | 0.10 (0.08) .23 | 0.03 (0.18) .87 | --- |
| b | Level \* diabetes | 0.32 (0.10) <.01 | 0.88 (0.23) <.01 | --- |
| b | Slope \* age | 0.02 (0.00) <.01 | 0.05 (0.01) <.01 | --- |
| b | Slope \* education | 0.00 (0.00) .90 | -0.00 (0.01) .85 | --- |
| b | Slope \* height | -0.02 (0.17) .92 | 0.50 (0.48) .30 | --- |
| b | Slope \* smoking | 0.06 (0.03) .02 | 0.09 (0.06) .18 | --- |
| b | Slope \* cardio | -0.00 (0.03) .96 | -0.16 (0.08) .04 | --- |
| b | Slope \* diabetes | -0.03 (0.04) .46 | 0.18 (0.17) .31 | --- |
| a | Var (Level) | 201.08 (13.54) <.01 | 201.23 (13.57) <.01 | 201.16(0.11) |
| a | Var (Slope) | 1.84 (0.88) .04 | 1.81 (0.88) .04 | 1.83(0.02) |
| a | Var (Residual) | 36.18 (2.49) <.01 | 36.20 (2.49) <.01 | 36.19(0.02) |
| b | Var (Level) | 0.43 (0.22) .05 | 2.57 (0.65) <.01 | --- |
| b | Var (Slope) | 0.04 (0.07) .55 | 0.40 (0.27) .14 | --- |
| b | Var (Residual) | 0.52 (0.21) .01 | 2.01 (0.65) <.01 | --- |
| a | Covar (Level, Slope) | -2.50 (2.30) .28 | -2.52 (2.29) .27 | -2.51(0.02) |
| b | Covar (Level, Slope) | 0.13 (0.08) .09 | 0.63 (0.35) .07 | --- |
|  | Correlation of Levels | -0.200 | -0.251 | -0.23(0.04) |
|  | Correlation of Slopes | -0.245 | -0.239 | -0.24(0.00) |
|  | Correlation of Residuals | -0.053 | -0.042 | -0.05(0.01) |
|  | N | 847 | 847 | 847.00(0.00) |
|  | occasions | 4 | 4 | 4.00(0.00) |
|  | parameters | 45 | 45 | 45.00(0.00) |
|  | LL | -14,808 | -16,993 | -1.590059e+04(1,545) |
|  | AIC | 29,707 | 34,075 | 3.189119e+04(3,089) |
|  | BIC | 29,920 | 34,289 | 3.210457e+04(3,089) |

## gait

Gender = *male*; Process (a) = *grip*; Process (b) = *gait*

|  |  |  |
| --- | --- | --- |
| process | label | aehplus |
| ab | Covar (Levels) | -1.87 (0.73) .01 |
| ab | Covar (Slopes) | -0.07 (0.04) .11 |
| ab | Covar (Residuals) | -0.23 (0.10) .02 |
| er | Corr (Levels) | -0.20 (0.06) <.01 |
| er | Corr (Slopes) | -0.24 (0.28) .39 |
| er | Corr (Residuals) | -0.05 (0.02) .04 |
| a | Level | 80.72 (1.37) <.01 |
| a | Slope | -2.34 (0.29) <.01 |
| a | Level \* age | -1.39 (0.13) <.01 |
| a | Level \* education | 0.13 (0.12) .27 |
| a | Level \* height | 59.48 (7.30) <.01 |
| a | Level \* smoking | 0.27 (1.12) .81 |
| a | Level \* cardio | 1.38 (1.22) .26 |
| a | Level \* diabetes | -3.02 (1.78) .09 |
| a | Slope \* age | -0.03 (0.03) .32 |
| a | Slope \* education | -0.00 (0.02) .96 |
| a | Slope \* height | -0.54 (1.66) .74 |
| a | Slope \* smoking | -0.13 (0.25) .59 |
| a | Slope \* cardio | 0.02 (0.25) .92 |
| a | Slope \* diabetes | -0.35 (0.39) .36 |
| b | Level | 3.82 (0.08) <.01 |
| b | Slope | -0.04 (0.03) .17 |
| b | Level \* age | 0.04 (0.01) <.01 |
| b | Level \* education | -0.02 (0.00) <.01 |
| b | Level \* height | -1.27 (0.44) <.01 |
| b | Level \* smoking | 0.05 (0.06) .38 |
| b | Level \* cardio | 0.10 (0.08) .23 |
| b | Level \* diabetes | 0.32 (0.10) <.01 |
| b | Slope \* age | 0.02 (0.00) <.01 |
| b | Slope \* education | 0.00 (0.00) .90 |
| b | Slope \* height | -0.02 (0.17) .92 |
| b | Slope \* smoking | 0.06 (0.03) .02 |
| b | Slope \* cardio | -0.00 (0.03) .96 |
| b | Slope \* diabetes | -0.03 (0.04) .46 |
| a | Var (Level) | 201.08 (13.54) <.01 |
| a | Var (Slope) | 1.84 (0.88) .04 |
| a | Var (Residual) | 36.18 (2.49) <.01 |
| b | Var (Level) | 0.43 (0.22) .05 |
| b | Var (Slope) | 0.04 (0.07) .55 |
| b | Var (Residual) | 0.52 (0.21) .01 |
| a | Covar (Level, Slope) | -2.50 (2.30) .28 |
| b | Covar (Level, Slope) | 0.13 (0.08) .09 |
|  | Correlation of Levels | -0.200 |
|  | Correlation of Slopes | -0.245 |
|  | Correlation of Residuals | -0.053 |
|  | N | 847 |
|  | occasions | 4 |
|  | parameters | 45 |
|  | LL | -14,808 |
|  | AIC | 29,707 |
|  | BIC | 29,920 |

## tug

Gender = *male*; Process (a) = *grip*; Process (b) = *tug*

|  |  |  |
| --- | --- | --- |
| process | label | aehplus |
| ab | Covar (Levels) | -5.71 (1.35) <.01 |
| ab | Covar (Slopes) | -0.20 (0.10) .05 |
| ab | Covar (Residuals) | -0.36 (0.20) .07 |
| er | Corr (Levels) | -0.25 (0.05) <.01 |
| er | Corr (Slopes) | -0.24 (0.12) .05 |
| er | Corr (Residuals) | -0.04 (0.02) .05 |
| a | Level | 80.73 (1.37) <.01 |
| a | Slope | -2.35 (0.29) <.01 |
| a | Level \* age | -1.39 (0.13) <.01 |
| a | Level \* education | 0.12 (0.12) .27 |
| a | Level \* height | 59.55 (7.30) <.01 |
| a | Level \* smoking | 0.26 (1.12) .81 |
| a | Level \* cardio | 1.38 (1.22) .26 |
| a | Level \* diabetes | -3.02 (1.78) .09 |
| a | Slope \* age | -0.03 (0.03) .32 |
| a | Slope \* education | -0.00 (0.02) .97 |
| a | Slope \* height | -0.57 (1.65) .73 |
| a | Slope \* smoking | -0.12 (0.25) .62 |
| a | Slope \* cardio | 0.03 (0.25) .89 |
| a | Slope \* diabetes | -0.34 (0.39) .38 |
| b | Level | 9.69 (0.19) <.01 |
| b | Slope | 0.10 (0.06) .09 |
| b | Level \* age | 0.14 (0.02) <.01 |
| b | Level \* education | -0.01 (0.01) .30 |
| b | Level \* height | -1.01 (1.18) .39 |
| b | Level \* smoking | -0.04 (0.14) .76 |
| b | Level \* cardio | 0.03 (0.18) .87 |
| b | Level \* diabetes | 0.88 (0.23) <.01 |
| b | Slope \* age | 0.05 (0.01) <.01 |
| b | Slope \* education | -0.00 (0.01) .85 |
| b | Slope \* height | 0.50 (0.48) .30 |
| b | Slope \* smoking | 0.09 (0.06) .18 |
| b | Slope \* cardio | -0.16 (0.08) .04 |
| b | Slope \* diabetes | 0.18 (0.17) .31 |
| a | Var (Level) | 201.23 (13.57) <.01 |
| a | Var (Slope) | 1.81 (0.88) .04 |
| a | Var (Residual) | 36.20 (2.49) <.01 |
| b | Var (Level) | 2.57 (0.65) <.01 |
| b | Var (Slope) | 0.40 (0.27) .14 |
| b | Var (Residual) | 2.01 (0.65) <.01 |
| a | Covar (Level, Slope) | -2.52 (2.29) .27 |
| b | Covar (Level, Slope) | 0.63 (0.35) .07 |
|  | Correlation of Levels | -0.251 |
|  | Correlation of Slopes | -0.239 |
|  | Correlation of Residuals | -0.042 |
|  | N | 847 |
|  | occasions | 4 |
|  | parameters | 45 |
|  | LL | -16,993 |
|  | AIC | 34,075 |
|  | BIC | 34,289 |

#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] grid stats graphics grDevices utils datasets methods base   
  
other attached packages:  
[1] RColorBrewer\_1.1-2 dichromat\_2.0-0 extrafont\_0.17 rhdf5\_2.16.0   
[5] knitr\_1.14 IalsaSynthesis\_0.1.8.9000 MplusAutomation\_0.6-4 ggplot2\_2.1.0   
[9] magrittr\_1.5   
  
loaded via a namespace (and not attached):  
 [1] Rcpp\_0.12.7 formatR\_1.4 highr\_0.6 plyr\_1.8.4 zlibbioc\_1.18.0 tools\_3.3.1   
 [7] boot\_1.3-18 digest\_0.6.10 jsonlite\_1.1 evaluate\_0.10 tibble\_1.2 gtable\_0.2.0   
[13] lattice\_0.20-34 texreg\_1.36.7 DBI\_0.5-1 yaml\_2.1.13 proto\_0.3-10 Rttf2pt1\_1.3.4   
[19] coda\_0.18-1 dplyr\_0.5.0 stringr\_1.1.0 htmlwidgets\_0.7 cowplot\_0.6.3 DT\_0.2   
[25] R6\_2.2.0 rmarkdown\_1.1 gsubfn\_0.6-6 extrafontdb\_1.0 pander\_0.6.0 tidyr\_0.6.0   
[31] readr\_1.0.0 scales\_0.4.0 htmltools\_0.3.5 rsconnect\_0.5 assertthat\_0.1 testit\_0.5   
[37] colorspace\_1.2-7 xtable\_1.8-2 labeling\_0.3 stringi\_1.1.2 lazyeval\_0.2.0 munsell\_0.4.3