**NO DATA CLEANING:**

MODEL INFO:

Observations: 200

Dependent Variable: PerNeg.t

Type: Mixed effects linear regression

MODEL FIT:

AIC = 1702.04, BIC = 1721.83

Pseudo-R² (fixed effects) = 0.03

Pseudo-R² (total) = 0.78

FIXED EFFECTS:

---------------------------------------------------------

Est. S.E. t val. d.f. p

----------------- ------- ------ -------- -------- ------

(Intercept) 64.83 3.70 17.51 69.70 0.00

Dom1 8.06 2.47 3.26 147.00 0.00

Load1 0.37 2.47 0.15 147.00 0.88

Dom1:Load1 1.93 3.50 0.55 147.00 0.58

---------------------------------------------------------

p values calculated using Satterthwaite d.f.

RANDOM EFFECTS:

------------------------------------

Group Parameter Std. Dev.

---------- ------------- -----------

subjID (Intercept) 23.08

Residual 12.36

------------------------------------

Grouping variables:

--------------------------

Group # groups ICC

-------- ---------- ------

subjID 50 0.78

MODEL INFO:

Observations: 363

Dependent Variable: MD

Type: Mixed effects linear regression

MODEL FIT:

AIC = 252.90, BIC = 291.85

Pseudo-R² (fixed effects) = 0.06

Pseudo-R² (total) = 0.23

FIXED EFFECTS:

--------------------------------------------------------------

Est. S.E. t val. d.f. p

---------------------- ------- ------ -------- -------- ------

(Intercept) 0.46 0.05 9.26 309.49 0.00

Rate1 -0.19 0.06 -3.03 315.22 0.00

Load1 -0.15 0.06 -2.36 315.24 0.02

Dom1 0.08 0.07 1.09 319.09 0.27

Rate1:Load1 0.32 0.09 3.55 314.30 0.00

Rate1:Dom1 -0.03 0.09 -0.27 316.43 0.78

Load1:Dom1 0.11 0.10 1.17 316.37 0.24

Rate1:Load1:Dom1 -0.20 0.13 -1.51 314.95 0.13

--------------------------------------------------------------

p values calculated using Satterthwaite d.f.

RANDOM EFFECTS:

------------------------------------

Group Parameter Std. Dev.

---------- ------------- -----------

subjID (Intercept) 0.15

Residual 0.31

------------------------------------

Grouping variables:

--------------------------

Group # groups ICC

-------- ---------- ------

subjID 50 0.18

MODEL INFO:

Observations: 363

Dependent Variable: RT

Type: Mixed effects linear regression

MODEL FIT:

AIC = 5408.62, BIC = 5447.56

Pseudo-R² (fixed effects) = 0.05

Pseudo-R² (total) = 0.36

FIXED EFFECTS:

------------------------------------------------------------------

Est. S.E. t val. d.f. p

---------------------- --------- -------- -------- -------- ------

(Intercept) 1974.47 64.39 30.66 228.66 0.00

Rate1 -183.21 75.16 -2.44 314.70 0.02

Load1 -260.37 75.97 -3.43 314.68 0.00

Dom1 76.55 80.38 0.95 317.01 0.34

Rate1:Load1 281.00 106.17 2.65 314.10 0.01

Rate1:Dom1 12.43 109.12 0.11 315.38 0.91

Load1:Dom1 111.43 114.82 0.97 315.29 0.33

Rate1:Load1:Dom1 -198.64 154.98 -1.28 314.46 0.20

------------------------------------------------------------------

p values calculated using Satterthwaite d.f.

RANDOM EFFECTS:

------------------------------------

Group Parameter Std. Dev.

---------- ------------- -----------

subjID (Intercept) 253.90

Residual 365.06

------------------------------------

Grouping variables:

--------------------------

Group # groups ICC

-------- ---------- ------

subjID 50 0.33

**NO WM Removal:**

MODEL INFO:

Observations: 200

Dependent Variable: PerNeg.t

Type: Mixed effects linear regression

MODEL FIT:

AIC = 1697.71, BIC = 1717.50

Pseudo-R² (fixed effects) = 0.03

Pseudo-R² (total) = 0.79

FIXED EFFECTS:

---------------------------------------------------------

Est. S.E. t val. d.f. p

----------------- ------- ------ -------- -------- ------

(Intercept) 65.16 3.71 17.57 68.81 0.00

Dom 8.38 2.43 3.45 147.00 0.00

Load -0.17 2.43 -0.07 147.00 0.94

Dom:Load 2.13 3.44 0.62 147.00 0.54

---------------------------------------------------------

p values calculated using Satterthwaite d.f.

RANDOM EFFECTS:

------------------------------------

Group Parameter Std. Dev.

---------- ------------- -----------

subjID (Intercept) 23.23

Residual 12.16

------------------------------------

Grouping variables:

--------------------------

Group # groups ICC

-------- ---------- ------

subjID 50 0.78

MODEL INFO:

Observations: 362

Dependent Variable: MD

Type: Mixed effects linear regression

MODEL FIT:

AIC = 258.19, BIC = 297.11

Pseudo-R² (fixed effects) = 0.06

Pseudo-R² (total) = 0.21

FIXED EFFECTS:

--------------------------------------------------------------

Est. S.E. t val. d.f. p

---------------------- ------- ------ -------- -------- ------

(Intercept) 0.46 0.05 9.11 314.58 0.00

Rate1 -0.19 0.07 -2.94 314.53 0.00

Load1 -0.15 0.07 -2.22 314.55 0.03

Dom1 0.05 0.07 0.67 319.10 0.50

Rate1:Load1 0.31 0.09 3.37 313.59 0.00

Rate1:Dom1 -0.01 0.09 -0.10 316.09 0.92

Load1:Dom1 0.14 0.10 1.43 315.50 0.15

Rate1:Load1:Dom1 -0.22 0.13 -1.62 314.13 0.11

--------------------------------------------------------------

p values calculated using Satterthwaite d.f.

RANDOM EFFECTS:

------------------------------------

Group Parameter Std. Dev.

---------- ------------- -----------

subjID (Intercept) 0.14

Residual 0.32

------------------------------------

Grouping variables:

--------------------------

Group # groups ICC

-------- ---------- ------

subjID 50 0.17

MODEL INFO:

Observations: 362

Dependent Variable: RT

Type: Mixed effects linear regression

MODEL FIT:

AIC = 5120.50, BIC = 5159.42

Pseudo-R² (fixed effects) = 0.03

Pseudo-R² (total) = 0.47

FIXED EFFECTS:

------------------------------------------------------------------

Est. S.E. t val. d.f. p

---------------------- --------- -------- -------- -------- ------

(Intercept) 1885.03 47.38 39.79 167.41 0.00

Rate1 -137.31 49.99 -2.75 313.29 0.01

Load1 -182.07 50.53 -3.60 313.27 0.00

Dom1 -87.57 53.95 -1.62 315.02 0.11

Rate1:Load1 201.28 70.61 2.85 312.88 0.00

Rate1:Dom1 157.58 72.92 2.16 313.83 0.03

Load1:Dom1 220.86 76.63 2.88 313.57 0.00

Rate1:Load1:Dom1 -263.23 103.26 -2.55 313.06 0.01

------------------------------------------------------------------

p values calculated using Satterthwaite d.f.

RANDOM EFFECTS:

------------------------------------

Group Parameter Std. Dev.

---------- ------------- -----------

subjID (Intercept) 221.37

Residual 242.71

------------------------------------

Grouping variables:

--------------------------

Group # groups ICC

-------- ---------- ------

subjID 50 0.45

**Remove RT > 2 SDs and no WM removal:**

MODEL INFO:

Observations: 200

Dependent Variable: PerNeg.t

Type: Mixed effects linear regression

MODEL FIT:

AIC = 1693.64, BIC = 1713.43

Pseudo-R² (fixed effects) = 0.03

Pseudo-R² (total) = 0.80

FIXED EFFECTS:

---------------------------------------------------------

Est. S.E. t val. d.f. p

----------------- ------- ------ -------- -------- ------

(Intercept) 65.17 3.73 17.48 67.76 0.00

Dom 8.70 2.39 3.64 147.00 0.00

Load -0.34 2.39 -0.14 147.00 0.89

Dom:Load 1.99 3.38 0.59 147.00 0.56

---------------------------------------------------------

p values calculated using Satterthwaite d.f.

RANDOM EFFECTS:

------------------------------------

Group Parameter Std. Dev.

---------- ------------- -----------

subjID (Intercept) 23.49

Residual 11.95

------------------------------------

Grouping variables:

--------------------------

Group # groups ICC

-------- ---------- ------

subjID 50 0.79

MODEL INFO:

Observations: 361

Dependent Variable: MD

Type: Mixed effects linear regression

MODEL FIT:

AIC = 264.97, BIC = 303.86

Pseudo-R² (fixed effects) = 0.05

Pseudo-R² (total) = 0.21

FIXED EFFECTS:

--------------------------------------------------------------

Est. S.E. t val. d.f. p

---------------------- ------- ------ -------- -------- ------

(Intercept) 0.45 0.05 8.76 315.53 0.00

Rate1 -0.18 0.07 -2.79 313.77 0.01

Load1 -0.14 0.07 -2.08 313.79 0.04

Dom1 0.04 0.07 0.63 318.36 0.53

Rate1:Load1 0.28 0.09 3.00 312.82 0.00

Rate1:Dom1 -0.01 0.10 -0.14 315.34 0.89

Load1:Dom1 0.15 0.10 1.44 315.06 0.15

Rate1:Load1:Dom1 -0.19 0.14 -1.43 313.56 0.15

--------------------------------------------------------------

p values calculated using Satterthwaite d.f.

RANDOM EFFECTS:

------------------------------------

Group Parameter Std. Dev.

---------- ------------- -----------

subjID (Intercept) 0.14

Residual 0.32

------------------------------------

Grouping variables:

--------------------------

Group # groups ICC

-------- ---------- ------

subjID 50 0.17

MODEL INFO:

Observations: 361

Dependent Variable: RT

Type: Mixed effects linear regression

MODEL FIT:

AIC = 5042.46, BIC = 5081.35

Pseudo-R² (fixed effects) = 0.03

Pseudo-R² (total) = 0.44

FIXED EFFECTS:

-----------------------------------------------------------------

Est. S.E. t val. d.f. p

---------------------- --------- ------- -------- -------- ------

(Intercept) 1852.42 42.54 43.55 179.97 0.00

Rate1 -137.34 46.07 -2.98 312.25 0.00

Load1 -174.61 46.57 -3.75 312.23 0.00

Dom1 -80.50 49.71 -1.62 314.16 0.11

Rate1:Load1 176.68 65.08 2.72 311.80 0.01

Rate1:Dom1 153.09 67.20 2.28 312.85 0.02

Load1:Dom1 186.27 70.96 2.62 312.69 0.01

Rate1:Load1:Dom1 -205.50 95.42 -2.15 312.07 0.03

-----------------------------------------------------------------

p values calculated using Satterthwaite d.f.

RANDOM EFFECTS:

------------------------------------

Group Parameter Std. Dev.

---------- ------------- -----------

subjID (Intercept) 191.81

Residual 223.71

------------------------------------

Grouping variables:

--------------------------

Group # groups ICC

-------- ---------- ------

subjID 50 0.42