**Mixed effects models for each task**

**Table B.1.** *Predictors of semantic categorisation RT performance*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Fixed effects | *b* | SE | *t* | *p* |
| **Intercept** | **6.98** | **.03** | **227.95** | **<.001** |
| Vocab | -.06 | .03 | -1.89 | .064 |
| Delay | .03 | .05 | .63 | .53 |
| **Day** | **-.19** | **.02** | **-9.79** | **<.001** |
| Word type | .02 | .01 | 1.54 | .12 |
| Vocab:Delay | .11 | .06 | 1.73 | .090 |
| Vocab:Day | -.01 | .02 | -.39 | .70 |
| Delay:Day | .01 | .04 | .41 | .68 |
| Vocab:Word type | -.003 | .02 | -.20 | .84 |
| Delay:Word type | -.01 | .03 | -.32 | .75 |
| Day:Word type | .01 | .03 | .51 | .61 |
| Vocab:Delay:Day | -.01 | .04 | -.26 | .80 |
| Vocab:Delay:Word type | -.02 | .03 | -.57 | .57 |
| Vocab:Day:Word type | -.004 | .03 | -.12 | .90 |
| Delay:Day:Word type | .07 | .05 | 1.31 | .19 |
| **Vocab:Delay:Day:Word type** | **-.12** | **.06** | **-2.04** | **.041** |
| Random effects | Variance | SD |
| Participant: (intercept) | .03 | 18 |
| Participant: Day (slope) | .01 | .09 |
| Item: (intercept) | .06 | .08 |
| Item: Day (slope) | .001 | .04 |

**Table B.2:***Predictors of speeded recognition RT performance*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Fixed effects | *b* | SE | *t* | *p* |
| **Intercept** | **6.74** | **.03** | **200.48** | **<.001** |
| Vocab | -.08 | .04 | -1.92 | .062 |
| Day | -.02 | .03 | -.70 | .49 |
| Delay | .07 | .05 | 1.50 | .14 |
| Vocab:Day | -.05 | .04 | -1.14 | .26 |
| Delay:Day | -.07 | .05 | -1.55 | .13 |
| Vocab:Delay | .07 | .05 | 1.27 | .21 |
| **Vocab:Day:Delay** | **.10** | **.05** | **2.02** | **.049** |
| Random effects | Variance | SD |
| Participant: (intercept) | .02 | .15 |
| Participant: Day (slope) | .01 | .11 |

**Table B.3:** *Predictors of cued recall accuracy performance*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Fixed effects | *b* | SE | *z* | *p* |
| Intercept | -.11 | .28 | -.39 | .69 |
| Vocab | .19 | .25 | .75 | .45 |
| Day | .16 | .13 | 1.27 | .20 |
| Delay | .26 | .49 | .54 | .59 |
| Random effects | Variance | SD |
| Participant: (intercept) | 2.88 | 1.70 |
| Item: (intercept) | .57 | .76 |
| Item: Vocab (slope) | .13 | .36 |