**Appendices**

*Table 1: Mean reaction times and standard errors for the symbolic numerals task*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Congruency* | *Response hand* | *Number magnitude* | *Mean (ms)* | *SE* |
| *Congruent* | *Left* | *Large* | *516.79* | *5.58* |
| *Congruent* | *Left* | *Small* | *492.43* | *4.37* |
| *Congruent* | *Right* | *Large* | *489.45* | *4.75* |
| *Congruent* | *Right* | *Small* | *509.73* | *5.67* |
| *Incongruent* | *Left* | *Large* | *542.55* | *6.54* |
| *Incongruent* | *Left* | *Small* | *506.16* | *4.50* |
| *Incongruent* | *Right* | *Large* | *509.51* | *5.20* |
| *Incongruent* | *Right* | *Small* | *523.75* | *5.42* |

*Table 2: ANOVA table for the symbolic numerals tasks*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Effect* | *Df* | *F ratio* |  | *p* |
| *Hand* | *1, 51* | *2.52* | *.047* | *.119* |
| ***Magnitude*** | ***1, 51*** | ***4.96*** | ***.089*** | ***.030*** |
| ***Congruency*** | ***1, 51*** | ***25.06*** | ***.330*** | ***<.001*** |
| ***Hand \* Magnitude*** | ***1, 51*** | ***7.53*** | ***.129*** | ***.008*** |
| *Hand \* Congruency* | *1, 51* | *0.00* | *<.001* | *.959* |
| *Magnitude \* Congruency* | *1, 51* | *1.99* | *.037* | *.165* |
| *Hand \* Magnitude \* Congruency* | *1, 51* | *0.56* | *.011* | *.456* |

*Table 3: Post-hoc t-tests investigating significant hand\* magnitude interaction*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Contrast* | *Estimate* | *Df* | *T ratio* | *p* |
| ***left large - right large*** | ***31.01*** | ***51*** | ***2.89*** | ***.027*** |
| ***left large - left small*** | ***32.04*** | ***51*** | ***3.22*** | ***.011*** |
| *left large - right small* | *15.28* | *51* | *2.17* | *.142* |
| *right large - left small* | *1.03* | *51* | *0.24* | *.994* |
| *right large - right small* | *-15.73* | *51* | *-1.76* | *.304* |
| *left small - right small* | *-16.76* | *51* | *-1.91* | *.236* |

*Table 4: Mean reaction times and standard errors for the non-symbolic numerals task*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Congruency* | *Response hand* | *Numerosity magnitude* | *Mean (ms)* | *SE* |
| *Congruent* | *Left* | *Large* | *486.76* | *4.78* |
| *Congruent* | *Left* | *Small* | *493.40* | *4.81* |
| *Congruent* | *Right* | *Large* | *469.49* | *4.41* |
| *Congruent* | *Right* | *Small* | *493.40* | *5.31* |
| *Incongruent* | *Left* | *Large* | *503.06* | *4.75* |
| *Incongruent* | *Left* | *Small* | *510.83* | *5.42* |
| *Incongruent* | *Right* | *Large* | *487.89* | *5.08* |
| *Incongruent* | *Right* | *Small* | *507.72* | *5.36* |

*Table 5: ANOVA table for the non-symbolic numerals tasks*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Effect* | *Df* | *F ratio* |  | *p* |
| ***Hand*** | ***1, 51*** | ***5.13*** | ***.091*** | ***.028*** |
| ***Magnitude*** | ***1, 51*** | ***13.32*** | ***.207*** | ***<.001*** |
| ***Congruency*** | ***1, 51*** | ***28.44*** | ***.358*** | ***<.001*** |
| *Hand \* Magnitude* | *1, 51* | *0.58* | *.011* | *.449* |
| *Hand \* Congruency* | *1, 51* | *0.12* | *.002* | *.726* |
| *Magnitude \* Congruency* | *1, 51* | *0.39* | *.008* | *.537* |
| *Hand \* Magnitude \* Congruency* | *1, 51* | *0.38* | *.007* | *.542* |