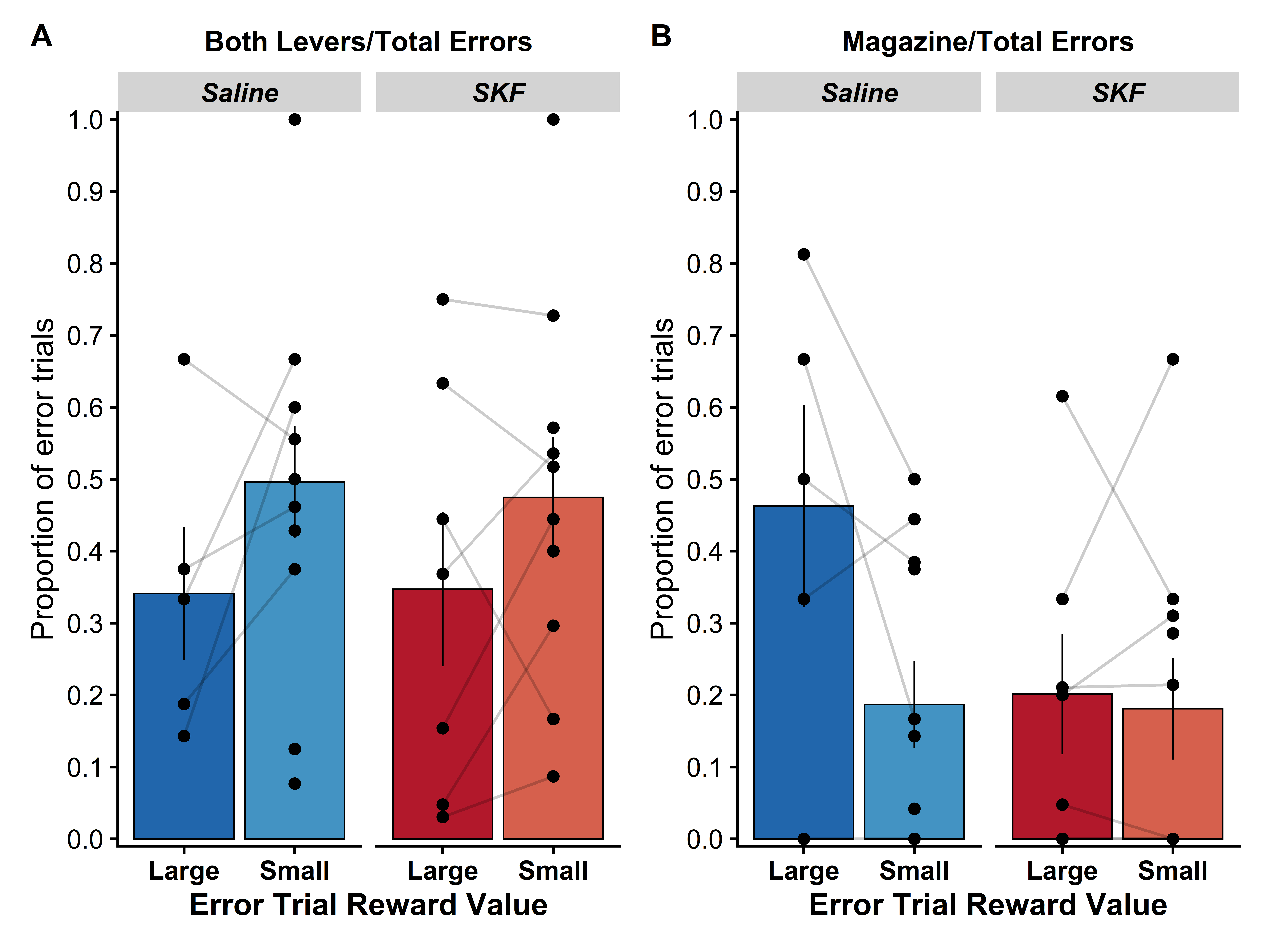
Laura\_SKF\_GoNoGo\_ErrorTrialsAnalsysis

Marios Panayi

1/27/2021



Probability of both levers or magazine

# A) Analysis of both levers data

### Full random effects

(#tab:Load data from figures for Stats )

\*\*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Df | Chisq | Chi Df | Pr(>Chisq) |
| RewardSize | 10.00 | 3.22 | 1.00 | 0.07 |
| Drug | 10.00 | 0.35 | 1.00 | 0.55 |
| RewardSize:Drug | 10.00 | 0.68 | 1.00 | 0.41 |

### Only subject random effects

(#tab:Load data from figures for Stats )

\*\*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Df | Chisq | Chi Df | Pr(>Chisq) |
| RewardSize | 4.00 | 4.37 | 1.00 | 0.04 |
| Drug | 4.00 | 0.61 | 1.00 | 0.43 |
| RewardSize:Drug | 4.00 | 0.42 | 1.00 | 0.52 |

# B) Analysis of magazine data

### Full random effects

(#tab:Load data from figures for Stats )

\*\*

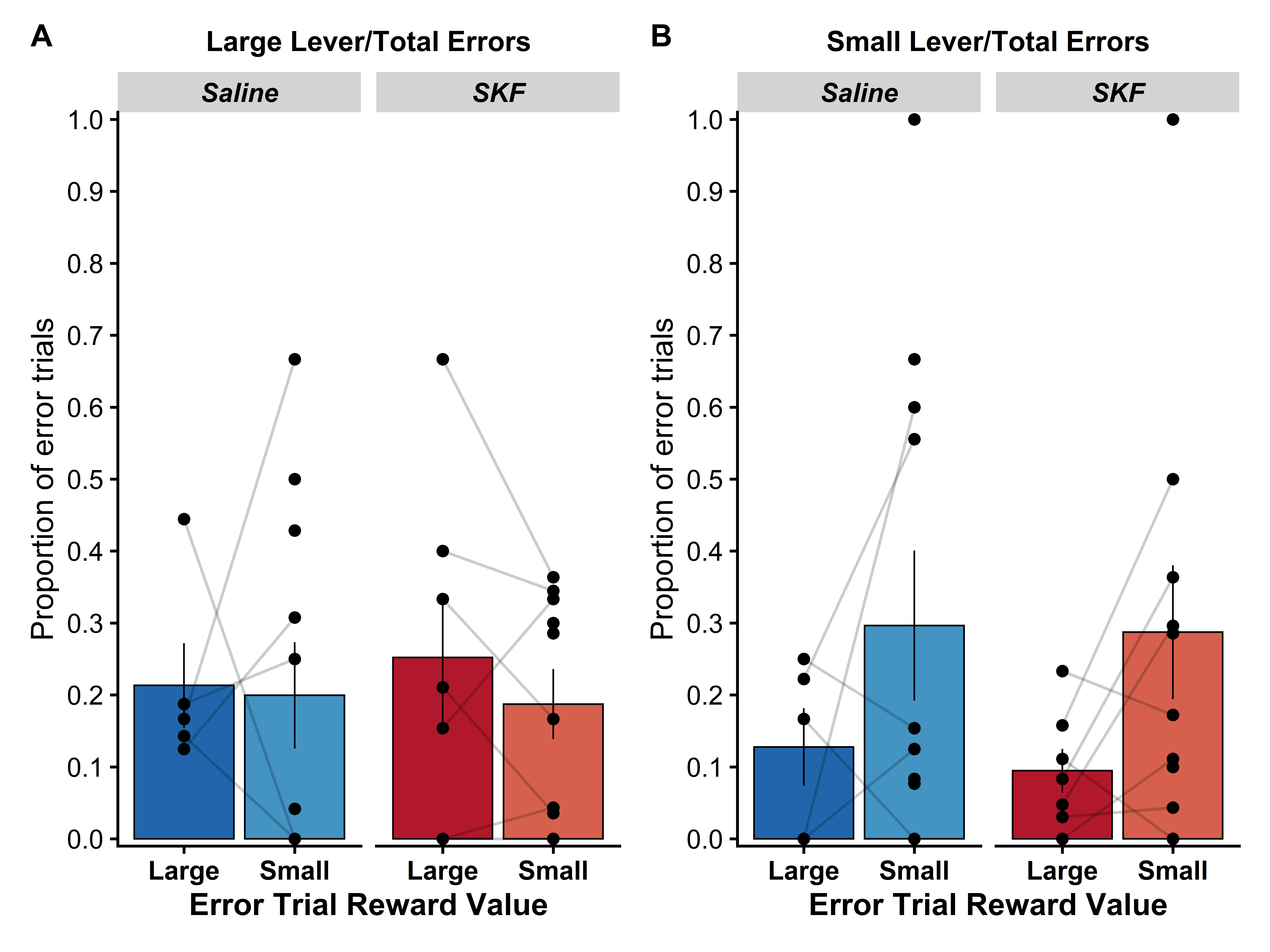
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Df | Chisq | Chi Df | Pr(>Chisq) |
| RewardSize | 10.00 | 1.06 | 1.00 | 0.30 |
| Drug | 10.00 | 2.80 | 1.00 | 0.09 |
| RewardSize:Drug | 10.00 | 1.77 | 1.00 | 0.18 |

### Only subject random effects

(#tab:Load data from figures for Stats )

\*\*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Df | Chisq | Chi Df | Pr(>Chisq) |
| RewardSize | 4.00 | 1.54 | 1.00 | 0.21 |
| Drug | 4.00 | 4.26 | 1.00 | 0.04 |
| RewardSize:Drug | 4.00 | 1.91 | 1.00 | 0.17 |



Probability of large and small reward levers

# A) Analysis of large reward lever

### Full random effects

(#tab:Load data from figures for Stats )

\*\*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Df | Chisq | Chi Df | Pr(>Chisq) |
| RewardSize | 10.00 | 0.95 | 1.00 | 0.33 |
| Drug | 10.00 | 0.47 | 1.00 | 0.50 |
| RewardSize:Drug | 10.00 | 0.18 | 1.00 | 0.68 |

### Only subject random effects

(#tab:Load data from figures for Stats )

\*\*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Df | Chisq | Chi Df | Pr(>Chisq) |
| RewardSize | 4.00 | 0.23 | 1.00 | 0.63 |
| Drug | 4.00 | 0.20 | 1.00 | 0.65 |
| RewardSize:Drug | 4.00 | 1.24 | 1.00 | 0.26 |

# B) Analysis of small reward lever

### Full random effects

(#tab:Load data from figures for Stats )

\*\*

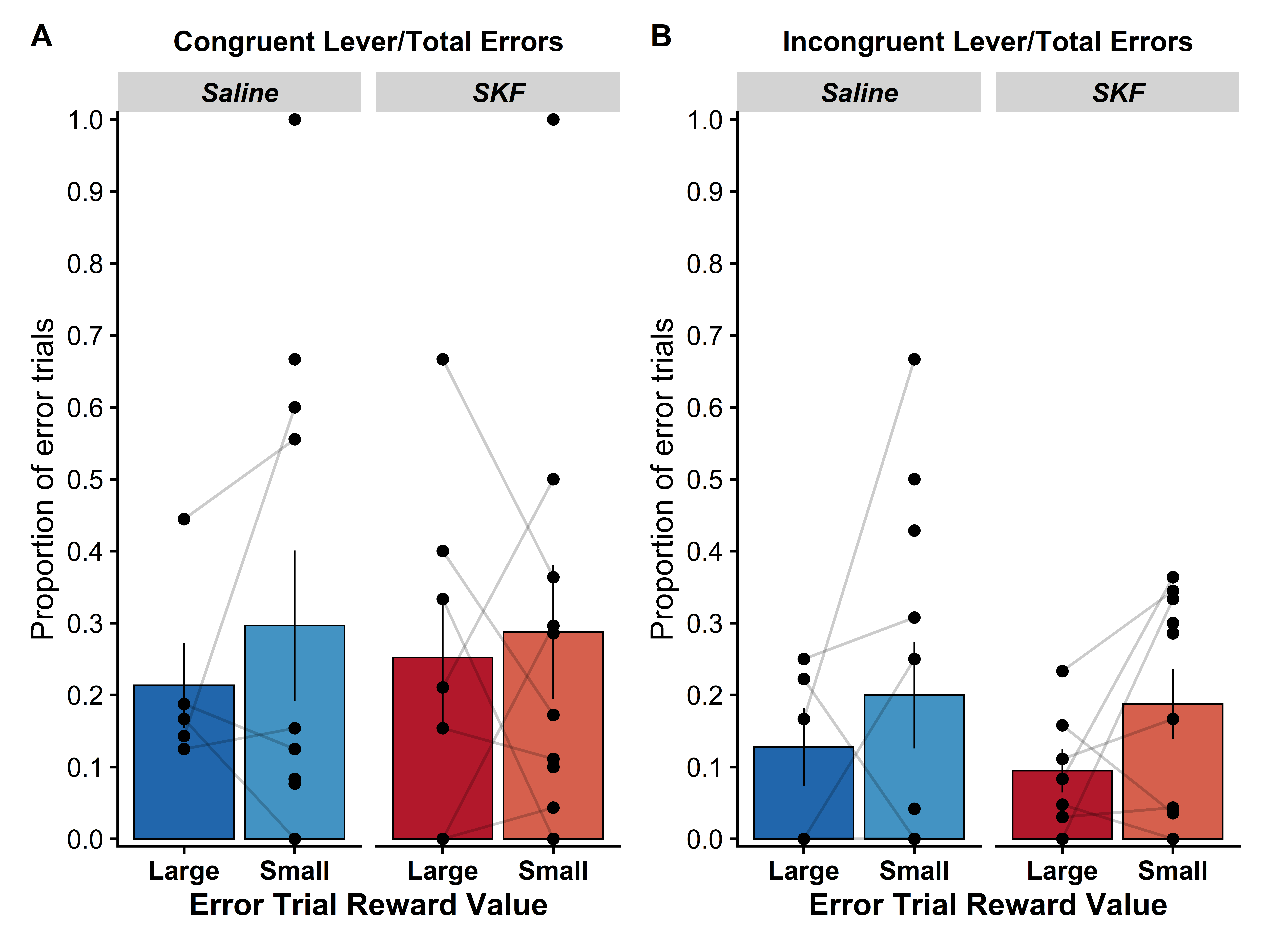
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Df | Chisq | Chi Df | Pr(>Chisq) |
| RewardSize | 10.00 | 4.32 | 1.00 | 0.04 |
| Drug | 10.00 | 0.72 | 1.00 | 0.39 |
| RewardSize:Drug | 10.00 | 0.01 | 1.00 | 0.94 |

### Only subject random effects

(#tab:Load data from figures for Stats )

\*\*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Df | Chisq | Chi Df | Pr(>Chisq) |
| RewardSize | 4.00 | 7.96 | 1.00 | 0.00 |
| Drug | 4.00 | 0.21 | 1.00 | 0.65 |
| RewardSize:Drug | 4.00 | 0.07 | 1.00 | 0.79 |



Probability of congruent and incongruent reward levers

# A) Analysis of congruent reward lever

### Full random effects

(#tab:Load data from figures for Stats )

\*\*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Df | Chisq | Chi Df | Pr(>Chisq) |
| RewardSize | 10.00 | 0.63 | 1.00 | 0.43 |
| Drug | 10.00 | 2.20 | 1.00 | 0.14 |
| RewardSize:Drug | 10.00 | 0.29 | 1.00 | 0.59 |

### Only subject random effects

(#tab:Load data from figures for Stats )

\*\*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Df | Chisq | Chi Df | Pr(>Chisq) |
| RewardSize | 4.00 | 0.42 | 1.00 | 0.52 |
| Drug | 4.00 | 1.36 | 1.00 | 0.24 |
| RewardSize:Drug | 4.00 | 0.04 | 1.00 | 0.84 |

# A) Analysis of incongruent reward lever

### Full random effects

(#tab:Load data from figures for Stats )

\*\*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Df | Chisq | Chi Df | Pr(>Chisq) |
| RewardSize | 10.00 | 0.89 | 1.00 | 0.35 |
| Drug | 10.00 | 0.03 | 1.00 | 0.87 |
| RewardSize:Drug | 10.00 | 0.00 | 1.00 | 0.96 |

### Only subject random effects

(#tab:Load data from figures for Stats )

\*\*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Df | Chisq | Chi Df | Pr(>Chisq) |
| RewardSize | 4.00 | 3.61 | 1.00 | 0.06 |
| Drug | 4.00 | 0.02 | 1.00 | 0.89 |
| RewardSize:Drug | 4.00 | 0.15 | 1.00 | 0.70 |