*Table S1*. Poisson regression estimates concerning the distribution of steps after exclusion of extreme observations. Estimates of valence category, spatial targets and their interactions are interpreted in relation to the Front-right spatial target and positive events.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | *B* |  *Std. Error* |  *95% C.I. (B)* |  *Wald χ2  df Sig.* | *Exp(B)* | *1/ Exp(B)* |
|  | (Intercept) | -2.386 | .3874 | -3.146 | -1.627 | 37.933 | 1 | .000 | .092 | - |
|  | Age | -.003 | .0036 | -.011 | .004 | .915 | 1 | .339 | .997 | - |
|  | Gender | -.043 | .0415 | -.124 | .038 | 1.068 | 1 | .301 | .958 | - |
|  | Valence category | 2.562 | .4076 | 1.763 | 3.361 | 39.525 | 1 | .000 | 12.965 | - |
|  | Spatial target: |  |  |  |  |  |  |  |  |  |
|  | Front | .893 | .1666 | .567 | 1.220 | 28.746 | 1 | .000 | 2.443 | - |
|  | F-Left | -.732 | .1755 | -1.076 | -.388 | 17.393 | 1 | .000 | .481 | 2.08 |
|  | Right | -1.051 | .2785 | -1.597 | -.505 | 14.233 | 1 | .000 | .350 | 2.86 |
|  | Left | -1.460 | .2867 | -2.022 | -.898 | 25.938 | 1 | .000 | .232 | 4.31 |
|  | B-Right | -2.979 | .5029 | -3.964 | -1.993 | 35.082 | 1 | .000 | .051 | 19.61 |
|  | B-Left | -2.571 | .4062 | -3.367 | -1.775 | 40.058 | 1 | .000 | .076 | 13.16 |
|  | Back | -1.234 | .2589 | -1.741 | -.727 | 22.723 | 1 | .000 | .291 | 3.44 |
|  | Valence\*Spatial Target: |  |  |  |  |  |  |  |  |  |
|  | Valence\*Front | -1.013 | .4409 | -1.877 | -.149 | 5.281 | 1 | .022 | .363 | 2.75 |
|  | Valence\*F-Left | -1.564 | .5405 | -2.623 | -.504 | 8.371 | 1 | .004 | .209 | 4.78 |
|  | Valence\*Right | -2.854 | .5234 | -3.880 | -1.829 | 29.741 | 1 | .000 | .058 | 17.24 |
|  | Valence\*Left | -3.236 | .4923 | -4.201 | -2.271 | 43.215 | 1 | .000 | .039 | 25.64 |
|  | Valence\*B-Right | -4.860 | .7788 | -6.387 | -3.334 | 38.944 | 1 | .000 | .008 | 125 |
|  | Valence\*B-Left | -5.263 | .6154 | -6.470 | -4.057 | 73.142 | 1 | .000 | .005 | 200 |
|  | Valence\*Back | -4.339 | .5138 | -5.346 | -3.332 | 71.334 | 1 | .000 | .013 | 76.92 |

*Table S2*. Poisson regression estimates concerning the distribution of step after exclusion of extreme observations. Estimates of valence category, spatial targets and their interactions are interpreted in relation to the Back-left spatial target and negative events.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | *B* |  *Std. Error* | *95% C.I. (B)* | *Wald χ2 df Sig.* | *Exp(B)* | *1/ Exp(B)* |
|  | (Intercept) | -2.395 | .3948 | -3.169 | -1.621 | 36.789 | 1 | .000 | .091 | - |
|  | Age | -.003 | .0036 | -.011 | .004 | .915 | 1 | .339 | .997 | - |
|  | Gender | -.043 | .0415 | -.124 | .038 | 1.068 | 1 | .301 | .958 | - |
|  | Valence category | 2.701 | .4180 | 1.882 | 3.520 | 41.762 | 1 | .000 | 14.898 | - |
|  | Spatial target: |  |  |  |  |  |  |  |  |  |
|  | Front | -.786 | .2308 | -1.239 | -.334 | 11.606 | 1 | .001 | .456 | 2.19 |
|  | F-Right | -2.693 | .4102 | -3.497 | -1.889 | 43.081 | 1 | .000 | .068 | 14.70 |
|  | F-Left | -1.861 | .3187 | -2.485 | -1.236 | 34.093 | 1 | .000 | .156 | 6.41 |
|  | Right | -.889 | .2374 | -1.354 | -.424 | 14.022 | 1 | .000 | .411 | 2.43 |
|  | Left | -.916 | .2242 | -1.356 | -.477 | 16.709 | 1 | .000 | .400 | 2.5 |
|  | B-Right | -.811 | .1800 | -1.164 | -.458 | 20.292 | 1 | .000 | .444 | 2.25 |
|  | Back | .413 | .1836 | .053 | .773 | 5.056 | 1 | .025 | 1.511 | - |
|  | Valence\*Spatial Target: |  |  |  |  |  |  |  |  |  |
|  | Valence\*Front | -4.250 | .4988 | -5.228 | -3.273 | 72.606 | 1 | .000 | .014 | 71.43 |
|  | Valence\*F-Right | -5.263 | .6154 | -6.470 | -4.057 | 73.142 | 1 | .000 | .005 | 200 |
|  | Valence\*F-Left | -3.700 | .6413 | -4.957 | -2.443 | 33.287 | 1 | .000 | .025 | 40 |
|  | Valence\*Right | -2.409 | .5303 | -3.448 | -1.370 | 20.640 | 1 | .000 | .090 | 11.11 |
|  | Valence\*Left | -2.027 | .4888 | -2.985 | -1.069 | 17.196 | 1 | .000 | .132 | 7.57 |
|  | Valence\*B-Right | -.403 | .5376 | -1.457 | .650 | .563 | 1 | .453 | .668 | 1.49 |
|  | Valence\*Back | -.924 | .4567 | -1.819 | -.029 | 4.094 | 1 | .043 | .397 | 2.52 |