

Coding Sheet

Prospect of performance-contingent reward distorts the action-relevance of predictive context information

Carmen Hefer and Gesine Dreisbach

University of Regensburg

Experiment 1-3

Cue_Probe_Condition:

1 = AX

2 = AY

3 = BX

4 = BY

Accuracy:

1 = correct

0 = error

Reaction time (RT) in ms

Experiment 1

Group:

1 = reward

2 = neutral

3 = neutral-reward

Block:

0 = practice trials

1 = baseline block

2 = Block 1.1 (80 trials, first AX40-AY40 block)

3 = Block 1.2 (80 trials, second AX40-AY40 block)

4 = Block 2.1 (80 trials, first AX70-AY10 block)

5 = Block 2.2 (80 trials, second AX70-AY10 block)

Experiment 2 and 3

Group:

1 = reward

2 = neutral

Block:

0 = practice trials

1 = baseline block

2 = Block 1.1 (80 trials, first AX40-AY40 block)

3 = Block 1.2 (80 trials, second AX40-AY40 block)

4 = Block 2.1 (80 trials, first AX70-AY10 block)

5 = Block 2.2 (80 trials, second AX70-AY10 block)

Please note that in Experiment 2 participant 22 was excluded from the data analyses due to an error rate of 100% on BX trials in the AX-70 blocks.

Please note that in Experiment 3 four participants were excluded from the data analyses. One participant of the neutral group (48) and one participant of the reward (41) group were excluded due to extremely high error rates (49.82% vs. $M_{\text{reward-group}} = 13.5\%$, and 49.35% vs. $M_{\text{neutral-group}} = 10.4\%$). Participant 45 (assigned to the neutral group) was excluded due to an error rate of 100% on BX trials in the AX-70 block. Participants 53 (assigned to the neutral group) was excluded due to an extremely high overall RTs (1228 ms vs. $M_{\text{neutral-group}} = 613$ ms)