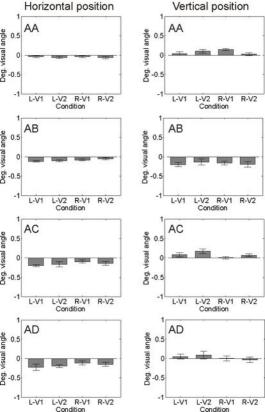
## **Supplemental Figure Captions**

**Supplemental Figure 1.** Mean horizontal and vertical eye position during the 1s stimulus presentation interval, binned based on the spatial position (left/right) and value (low/high) of the selected stimulus. Data shown separately for each of the four subjects for which eye tracking data were collected during scanning. No significant differences were evident. Error bars  $\pm 1$ S.E.M.



Subject	Number past rewards	Number of past choices
AA	25	4
AB	14	3
AC	6	9
AD	28	7
AE	5	13
AF	4	16
AG	10	15
AH	8	2