1 SUPPLEMENTAL: MOUSE MOVEMENT STATISTICS

Below are statistics from the mouse movements omitted from the main text of the manuscript. Data here are to help provide context to the eye and coordination measures collected.

Mouse: distance to navigate to the goal frame

This is the average distance the mouse traveled in pixels when the participant was navigating to the goal frame. In the Local cohort, a significant main effect of GoalFrame was detected ($F(1,1.306) = 15.850$, $p = 0.003$, $\eta^2 = 0.393$), where a Narrative goal frame required the most mouse movement for users to find. The Remote cohort showed the same pattern and the cohort comparison showed no significant main effects or interactions involving Cohort.

Mouse: distance on the goal frame

This is the average total distance the mouse traveled in pixels when the participant was navigating on the goal frame to complete the task outlined by the prompt. In the Local cohort, a significant main effect of GoalFrame was detected ($F(1,2.623) = 6.898$, $p = 0.004$, $\eta^2 = 0.315$), where a Sound goal frame had the most mouse movement. For the cohort comparison, a significant Condition × Cohort interaction was detected ($F(1,1) = 5.274$, $p = 0.036$, $\eta^2 = 0.004$), where Remote participants spent longer on the goal frame when given an Indirect prompt.

Mouse: distance to end trial

This is the average total distance the mouse traveled in pixels when the participant had completed the task on the intended goal frame and went to end the current trial. In the Local cohort, no significant main effects or interactions were detected. The Remote cohort showed the same pattern and the cohort comparison showed no significant main effects or interactions involving Cohort.