Appendix

A)

Map Task Instructions:

*Your task is to watch a video clip of a town, and after you finish, draw a map of the area depicted from memory.* Your map should be as detailed as possible including naming and labeling as many locations as possible. *Your map will be scored for its level of detail and accuracy.* You have 5 minutes to complete your map.

B)

Example Maps (Experiment 2b)

Low Map Score (0.0)

a) Ambiguous Labels
   
   ![Ambiguous Labels](image)

b) Locations not identified

![Locations not identified](image)
Median Map Score (.17)

a) 4 locations labeled  
b) 4 locations labeled

Top-Scores (.37 & .38)

a) .37 (7 locations given near correct location)  
b) .38 (7 locations given near correct location)
C)
Experiment 2b: Gaze Similarity Repeated Measures ANOVA

Simple Effects:
Quarter held constant over condition:
The omnibus error term was .016 and the degrees of freedom were 427.758.

Quarter 1:
- Context and Map: $F = 2.417/.016; F(1, 427.758) = 151.062, p < .001$
- Context and Shuffle $F = 18.020/.016; F(1, 427.758) = 1126.25, p < .001$
- Map and Shuffle $F = 4.248/.016; F(1, 427.758) = 265.5, p < .001$

Quarter 2:
- Context and Map: $F = 4.426/.016; F(1, 427.758) = 276.625, p < .001$
- Context and Shuffle $F = 9.857/.016; F(1, 427.758) = 616.062, p < .001$
- Map and Shuffle $F = .325/.016; F(1, 427.758) = 20.312, p < .001$

Quarter 3:
- Context and Map: $F = .547/.016; F(1, 427.758) = 34.187, p < .001$
- Context and Shuffle $F = 1.204/.016; F(1, 427.758) = 75.25, p < .001$
- Map and Shuffle $F = .038/.016; F(1, 427.758) = 2.375, p > .05$

Quarter 4:
- Context and Map: $F = 1.254/.016; F(1, 427.758) = 78.375, p < .001$
- Context and Shuffle $F = 7.059/.016; F(1, 427.758) = 441.188, p < .001$
- Map and Shuffle $F = 1.307/.016; F(1, 427.758) = 81.688, p < .001$

D)
Heat Map Videos