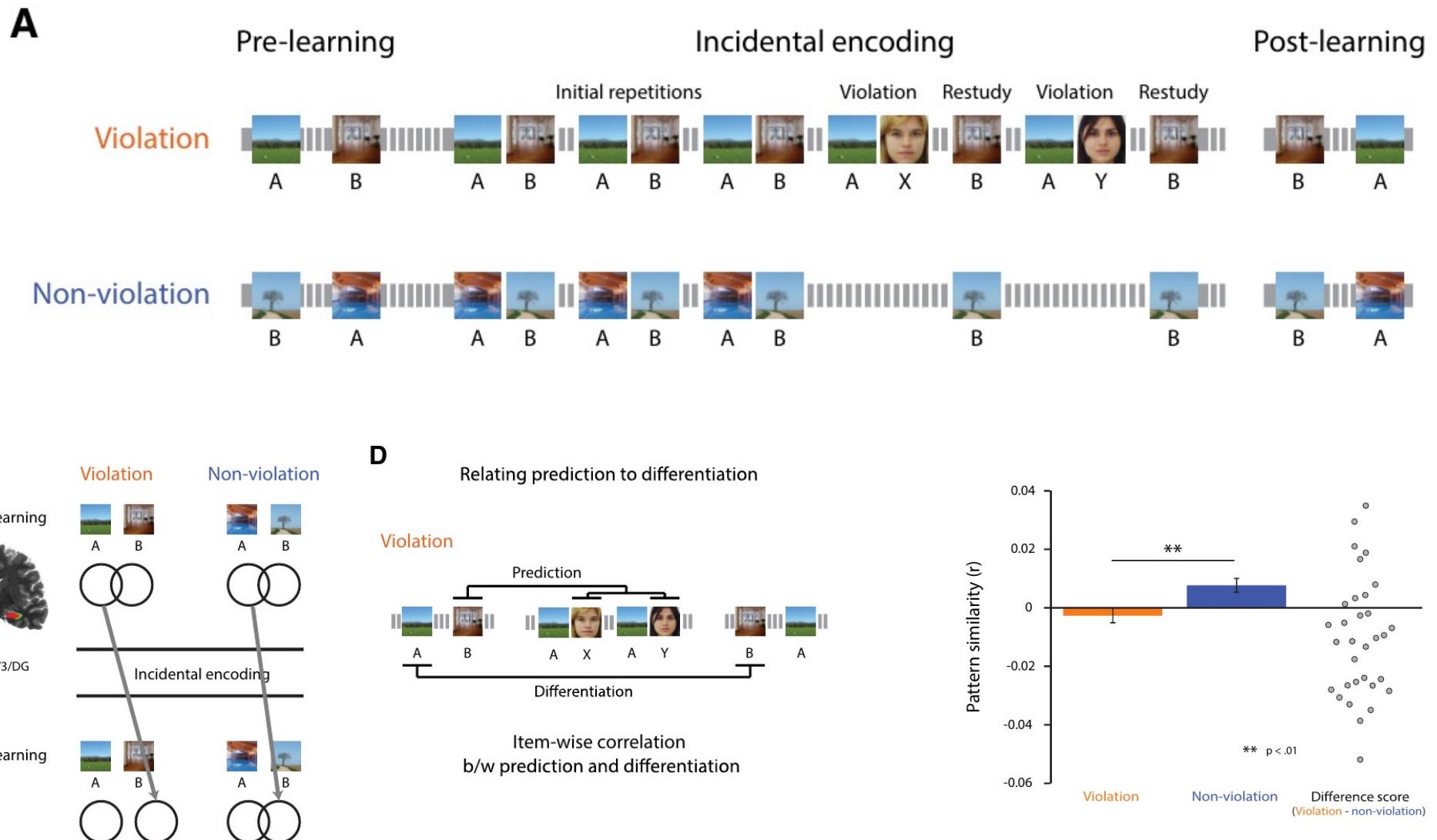


Memory Reactivation & Update

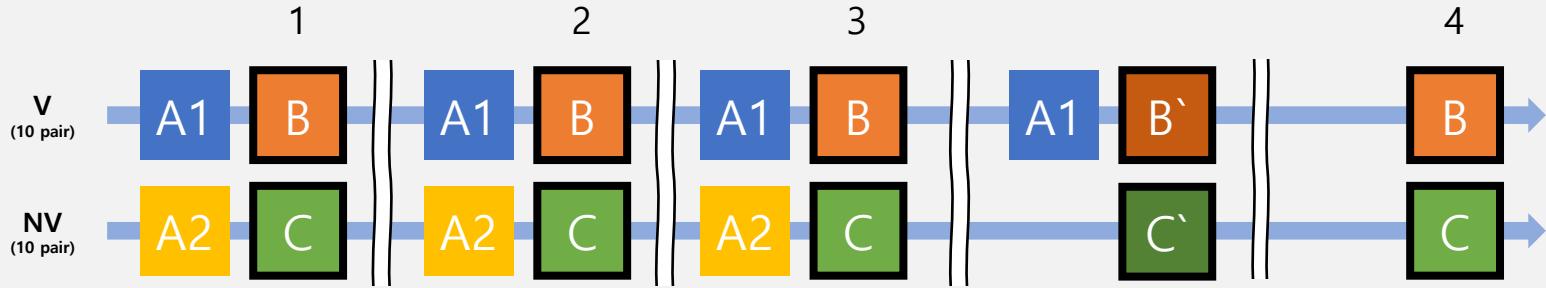
Experiment (N = 32)

21. 2. 26. Taehoon Kim



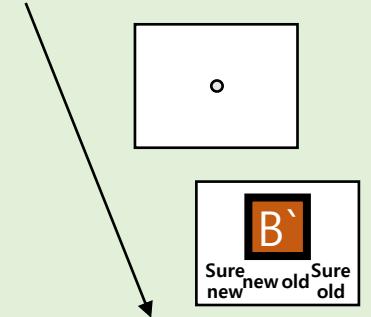
Paradigm / Predicted results

Learning Phase (6 run, 20 pairs by run)

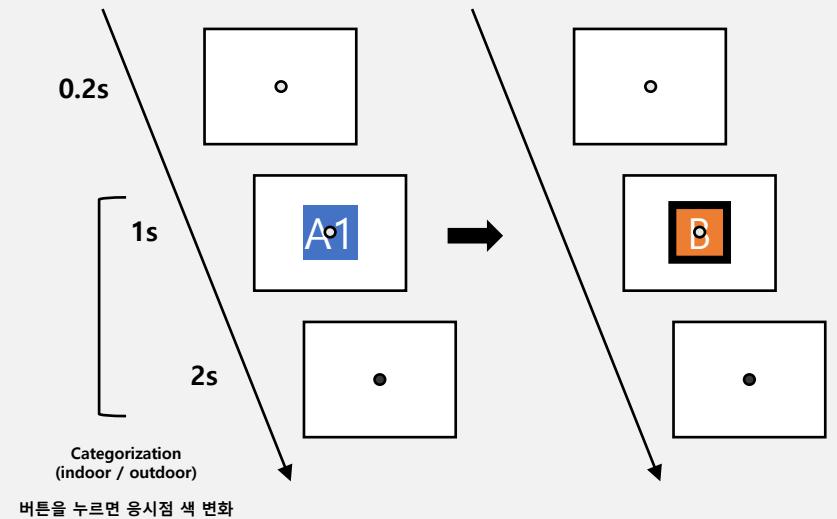


Test Phase

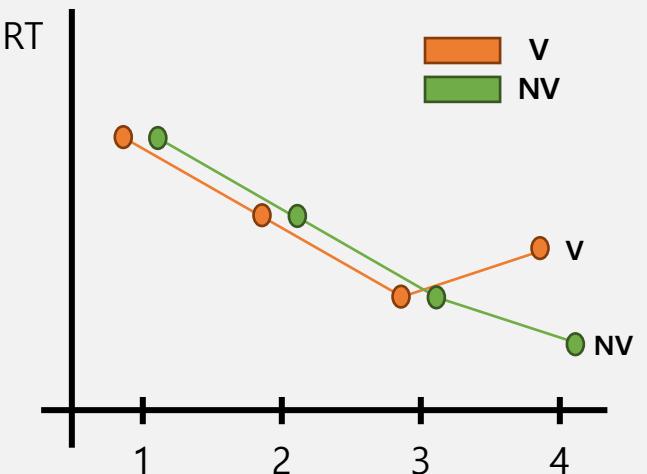
Recognition Test (240 trials)



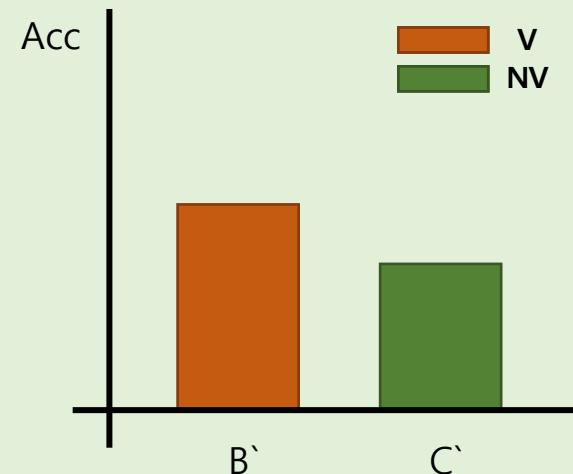
Categorization Task (6 run, 170 trials per run)



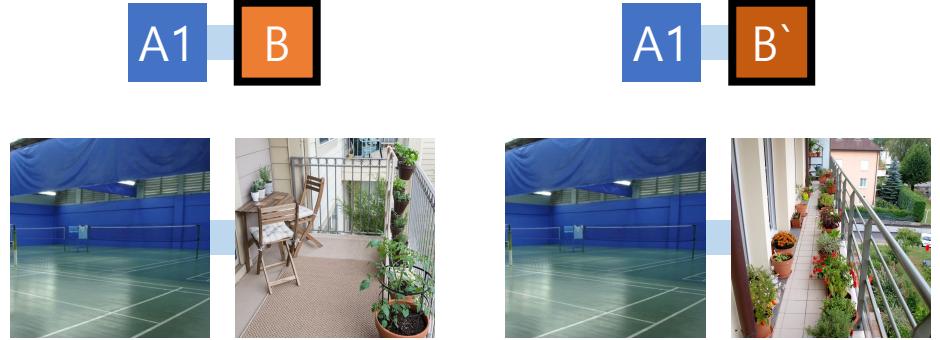
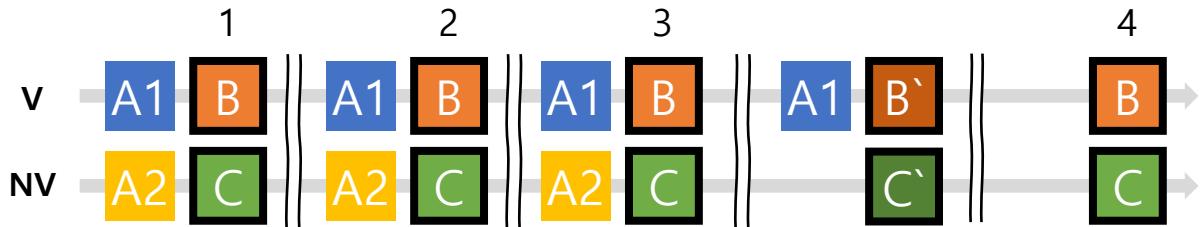
Categorization RT of B/C



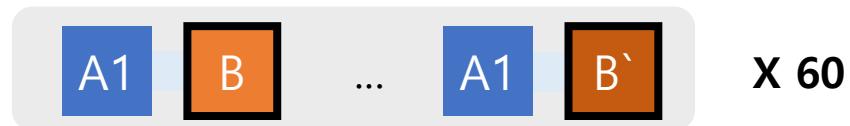
Recognition Memory of B'/C'



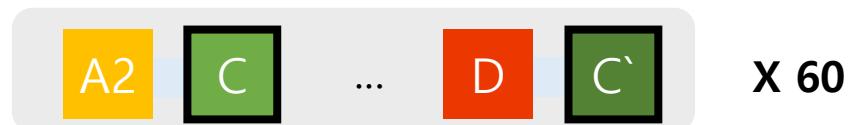
Condition / Stimuli



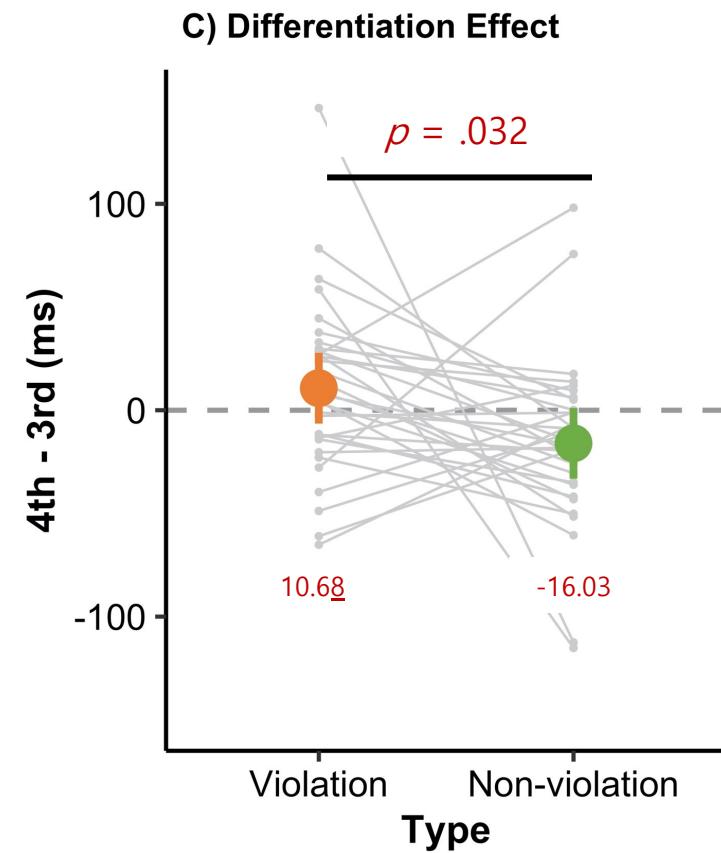
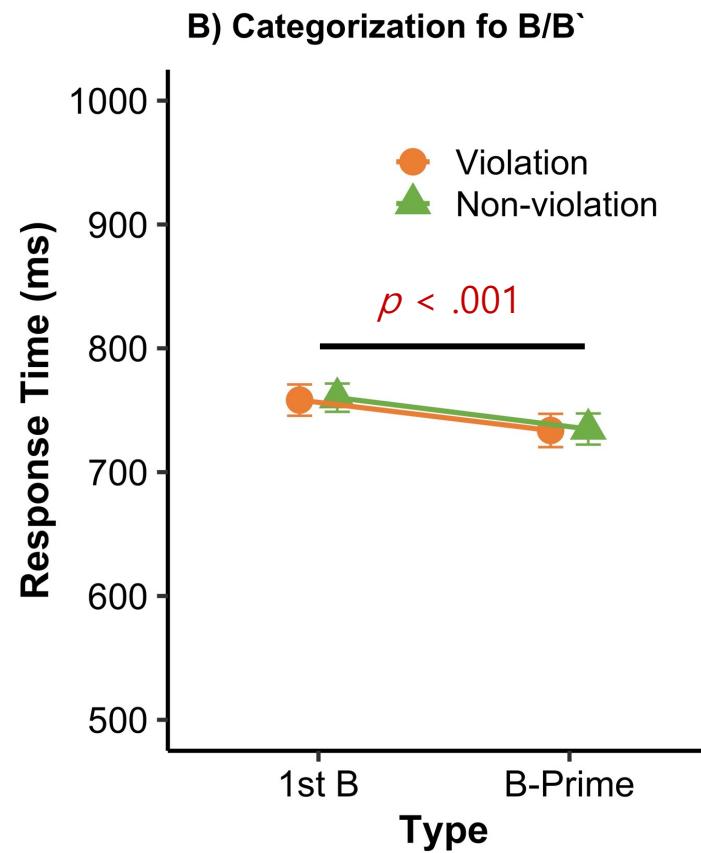
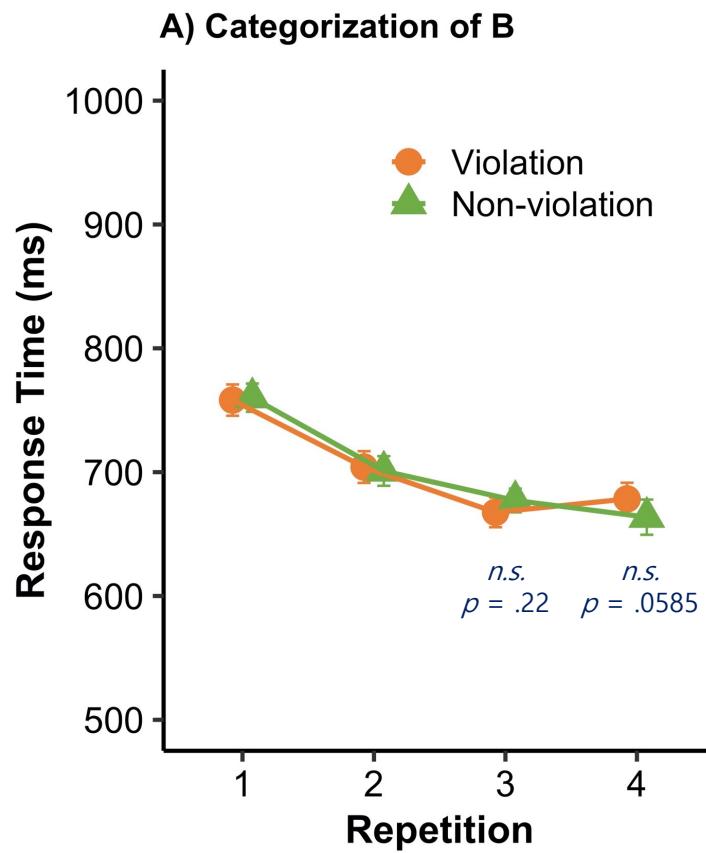
Violation



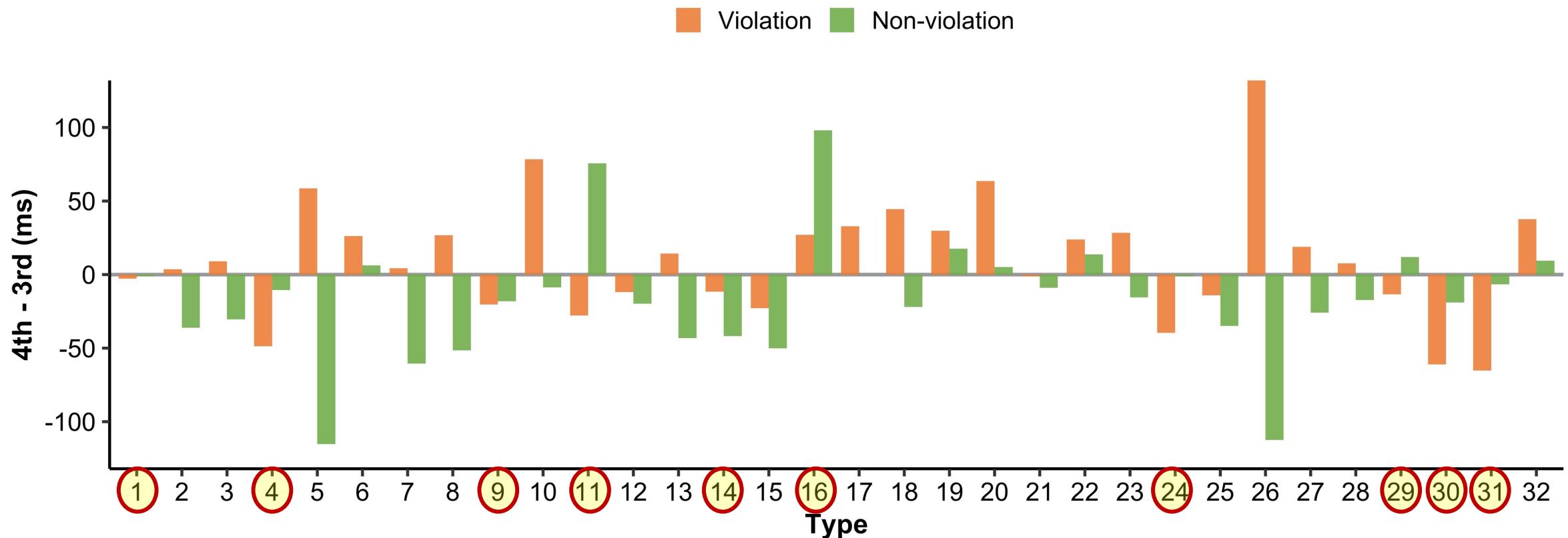
Non-violation



Results – Phase 1, Priming Effect (N = 32)

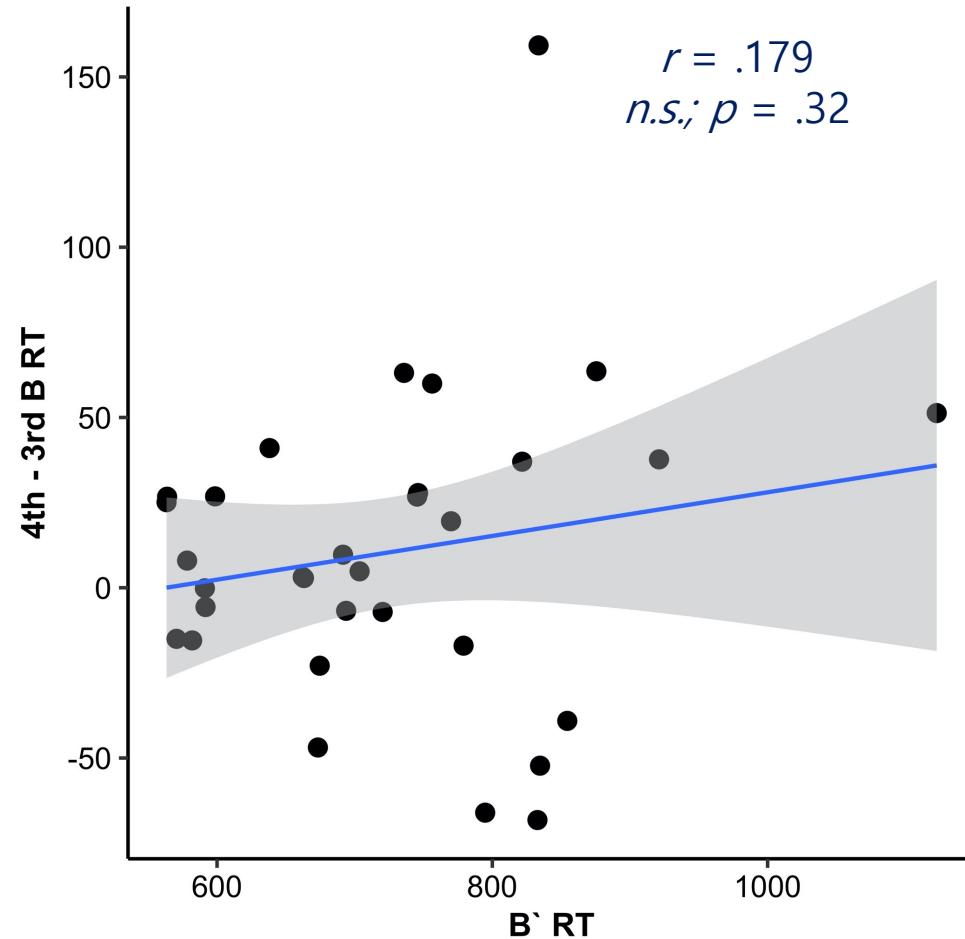


Results – Phase 1, Priming Effect (N = 32)

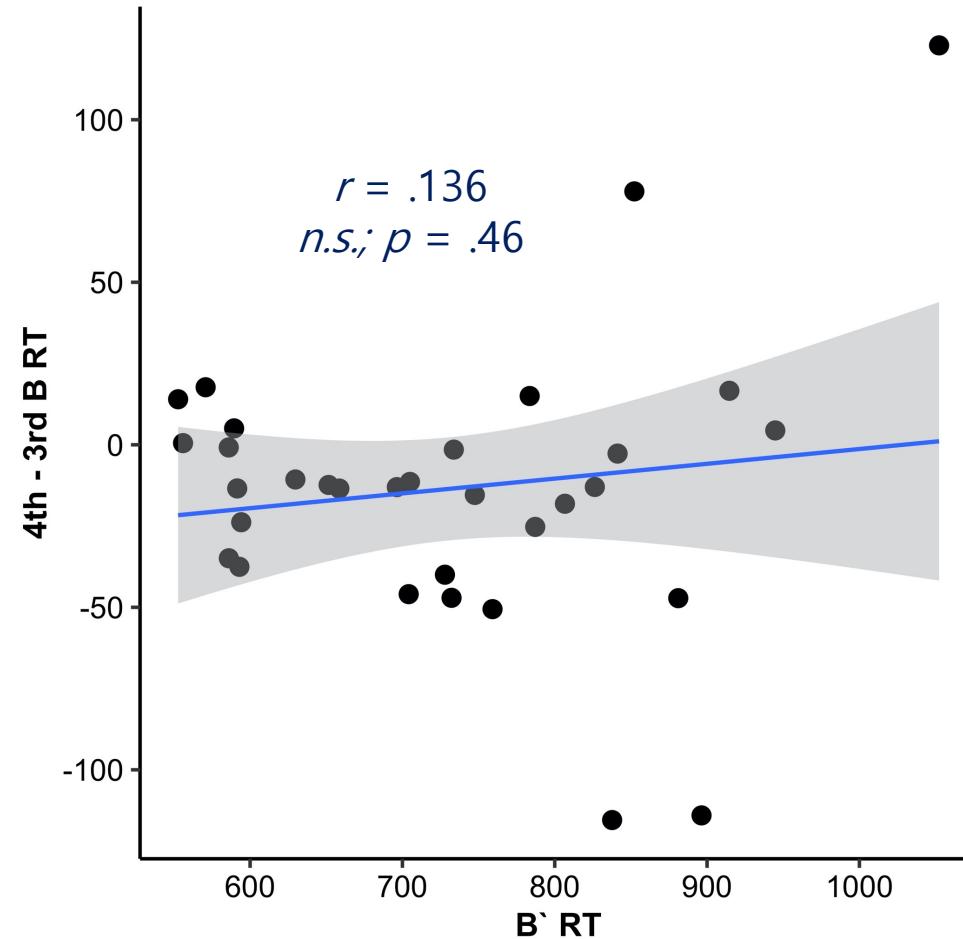


Results – Phase 1, B' RT와 4th-3rd B RT 간의 관계 (N = 32)

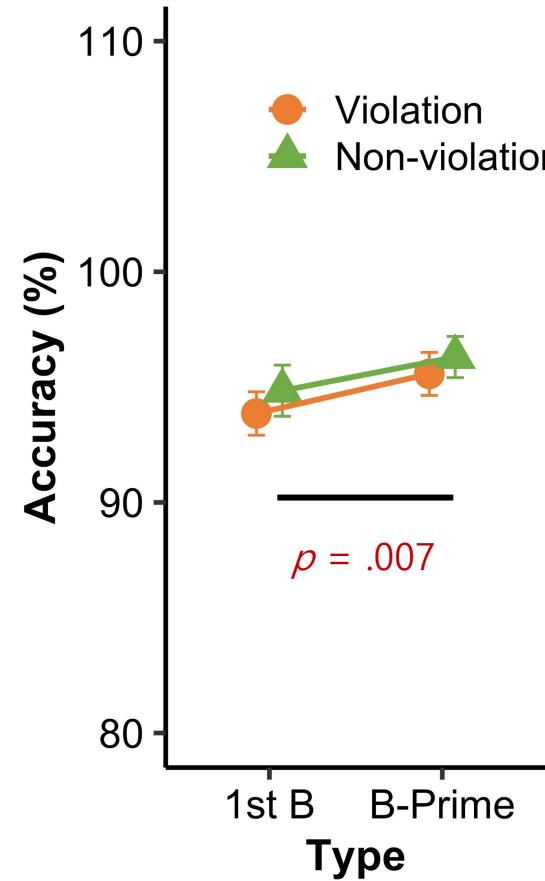
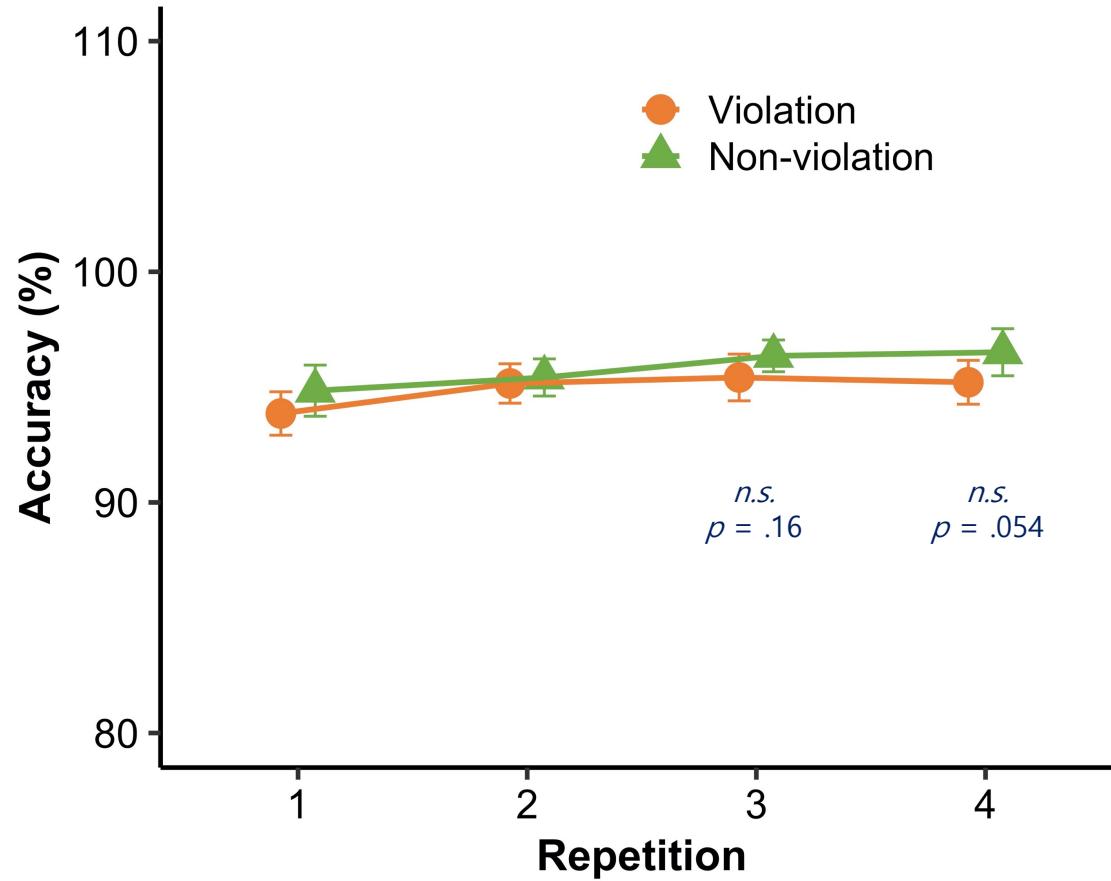
A) Violation Condition



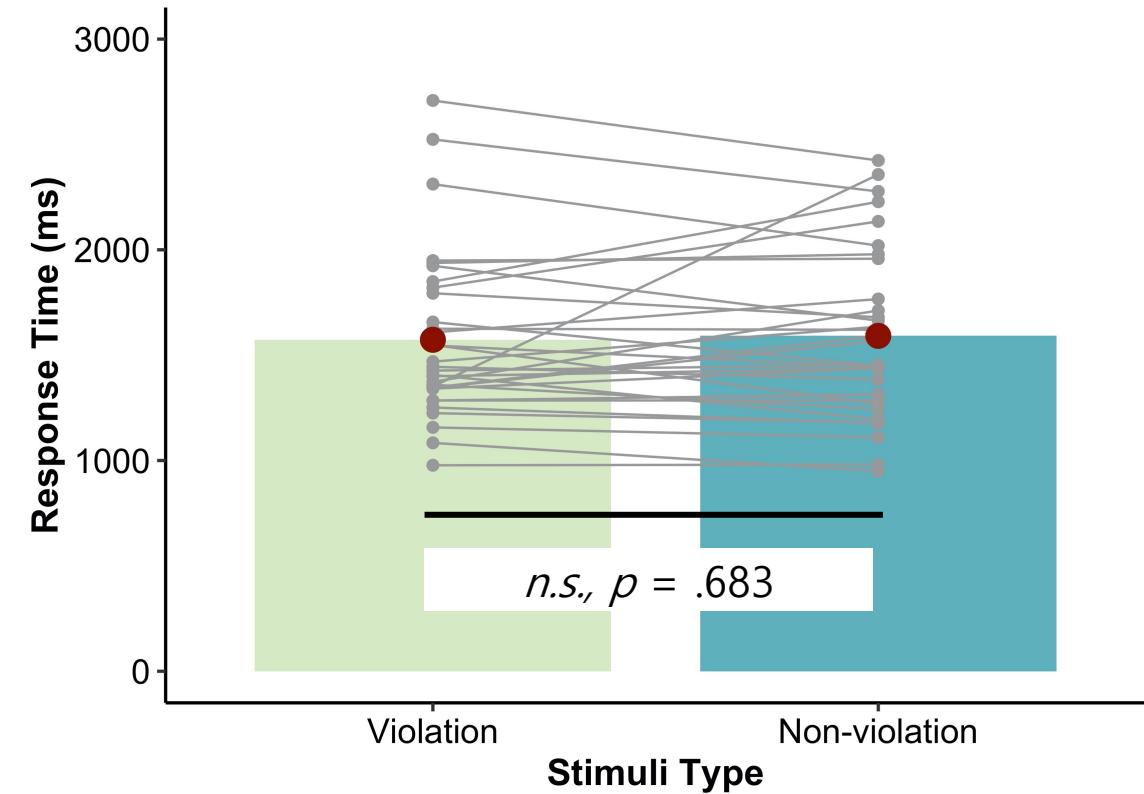
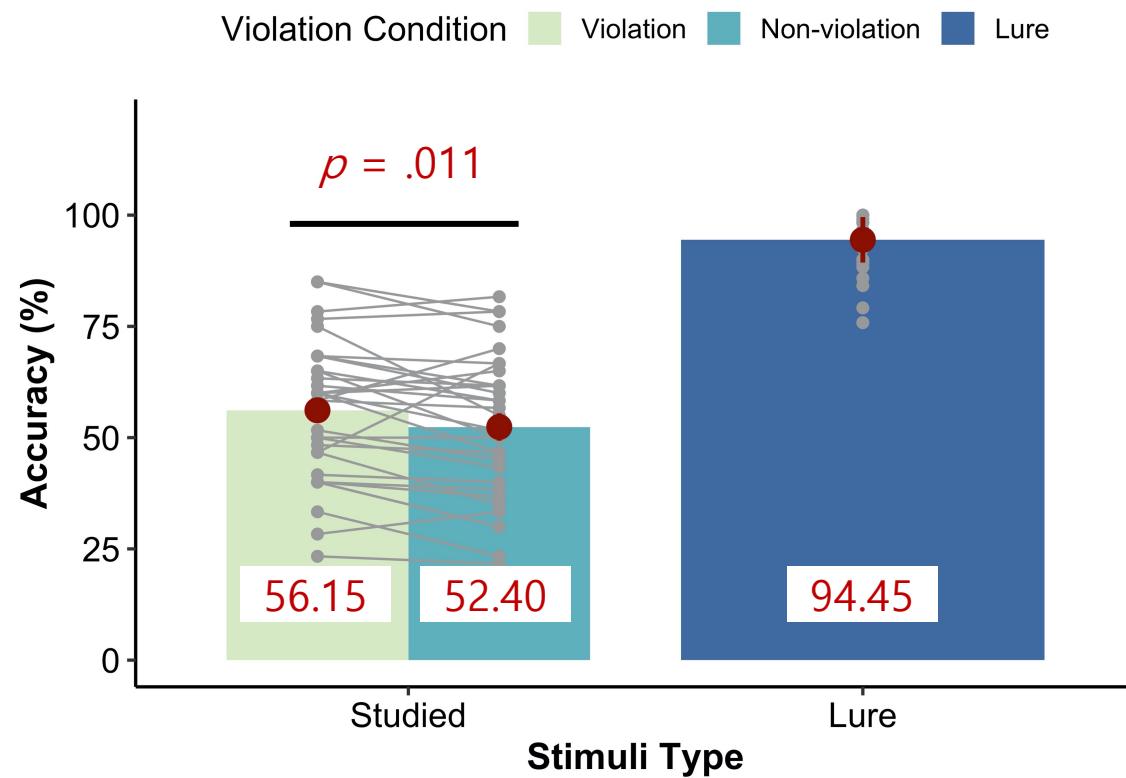
B) Non-violation Condition



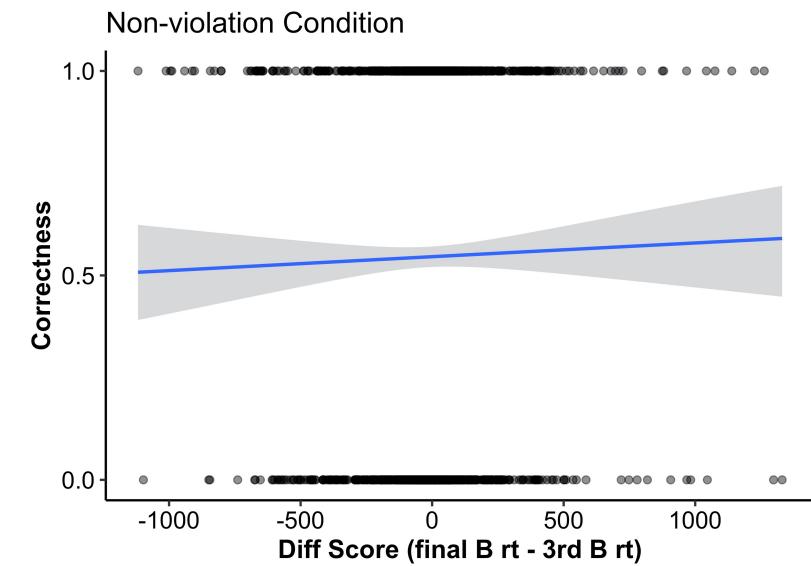
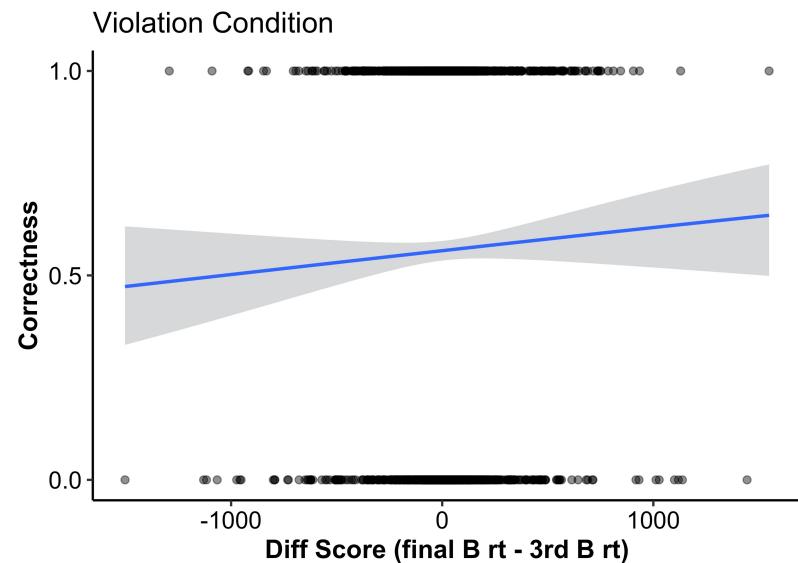
Results – Phase 1, Accuracy (N = 32)



Results – Phase 2, Recognition Accuracy (N = 32)



Results – Priming & Recognition Accuracy (N = 32)



Model 1 : Correctness ~ prime

- Intercept 0.2429432, p < .001
- prime 0.0002342, p = .24, n.s.

Model 2 : Correctness ~ prime + prime²

- Intercept 0.2627, p < .001
- prime 0.0002454555, p = .218, n.s.
- prime² -0.0000003186, p = .258, n.s.

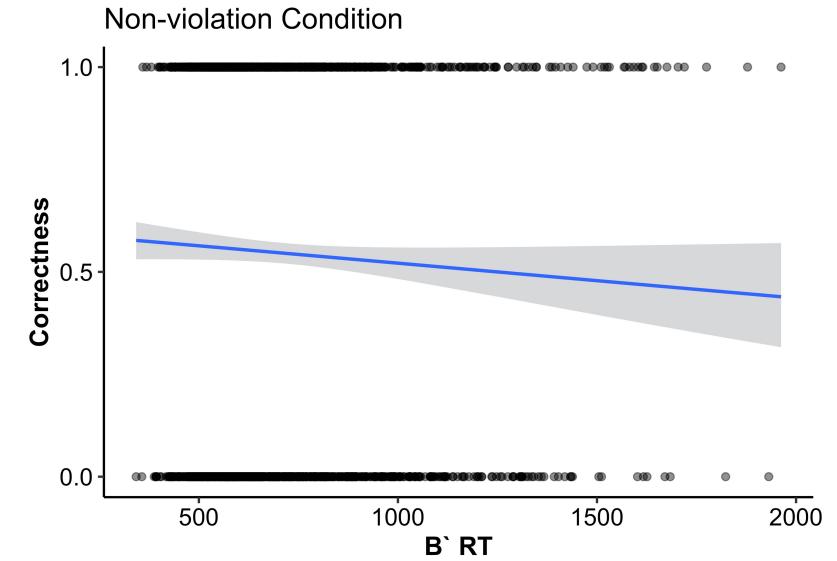
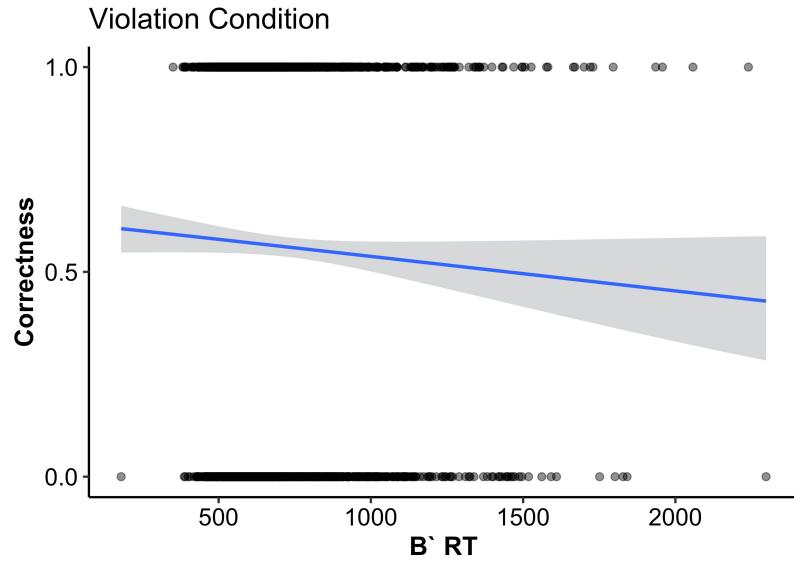
Model 1 : Correctness ~ prime

- Intercept 0.08927664, p = .066, n.s.
- prime 0.00006103, p = .753, n.s.

Model 2 : Correctness ~ prime + prime²

- Intercept 0.0863, p = .096, n.s.
- prime 0.00005833320, p = .764, n.s.
- prime² 0.00000004521, p = .872, n.s.

Results – B' RT & Recognition Accuracy (N = 32)



Model 3 : Correctness ~ B' RT

- Intercept 0.4895932, p = .002
- B' RT -0.0003379, p = .099, n.s.

Model 3 : Correctness ~ B' RT

- Intercept 0.477, p = .001
- B' RT -0.0005329, p = .007

Results – Priming & Recognition Accuracy (N = 32)

