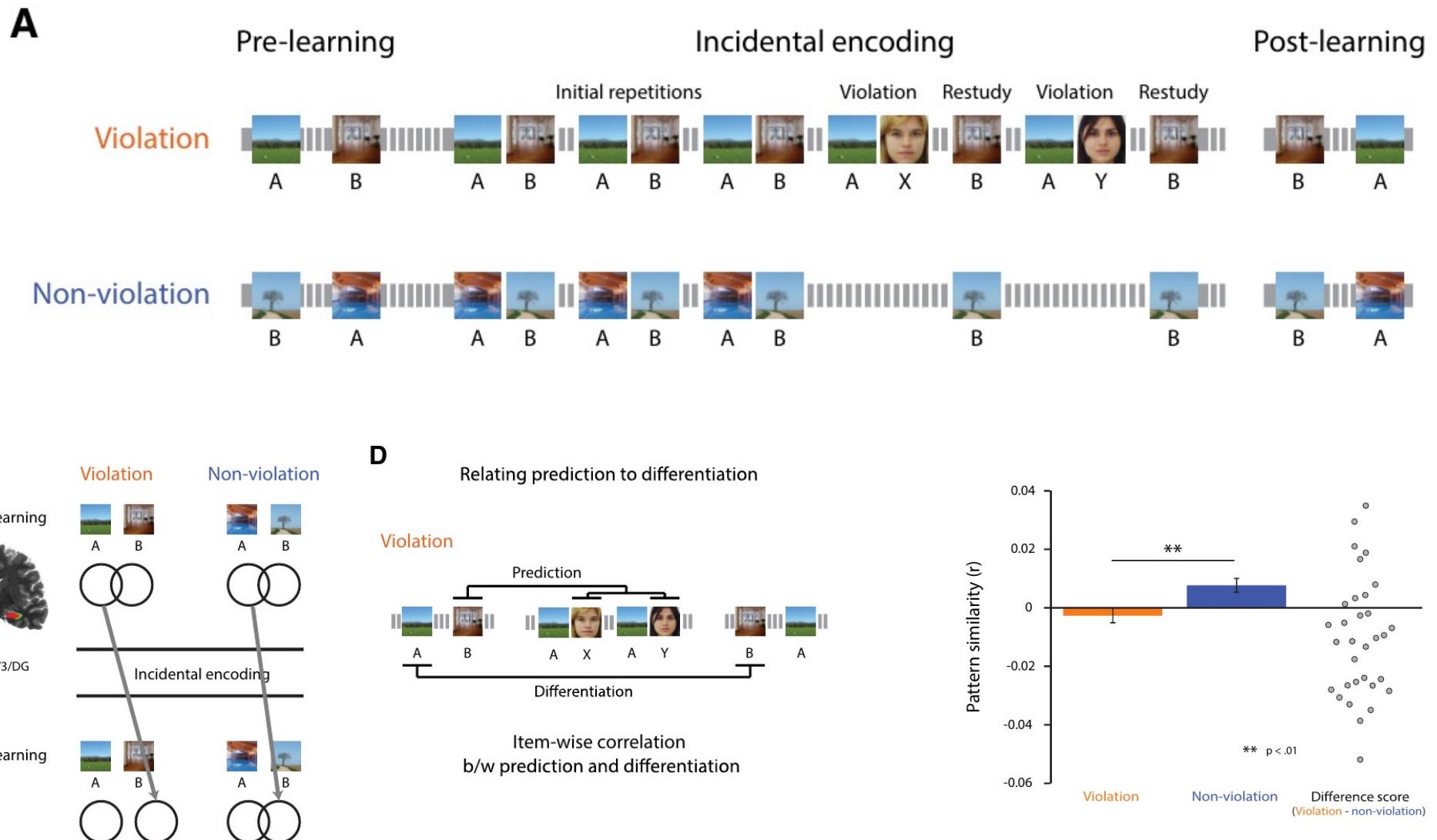
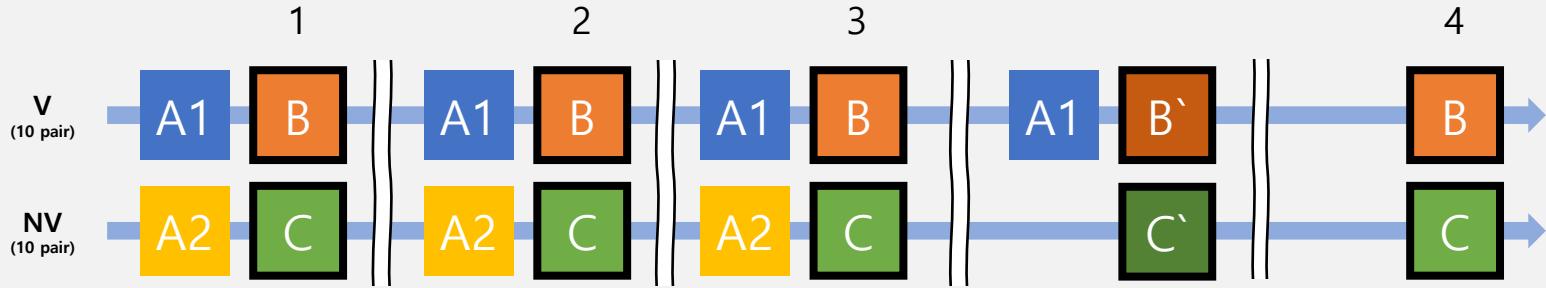


# Memory Reactivation & Update



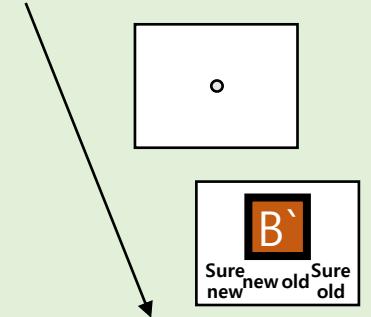
# Paradigm / Predicted results

## Learning Phase (6 run, 20 pairs by run)

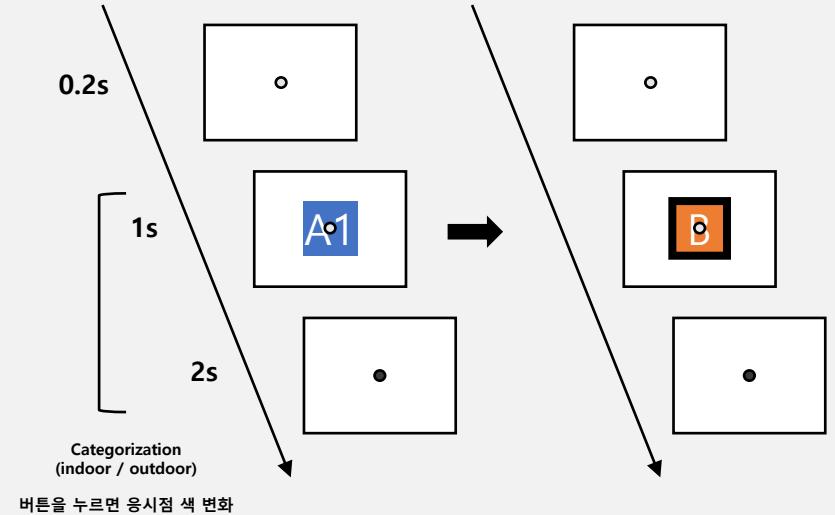


## Test Phase

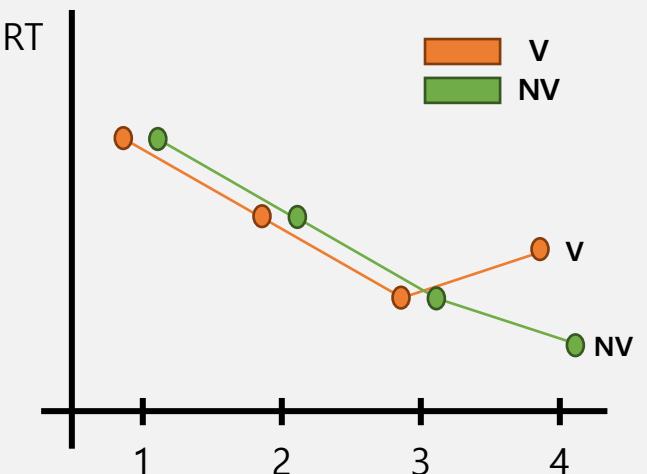
### Recognition Test (240 trials)



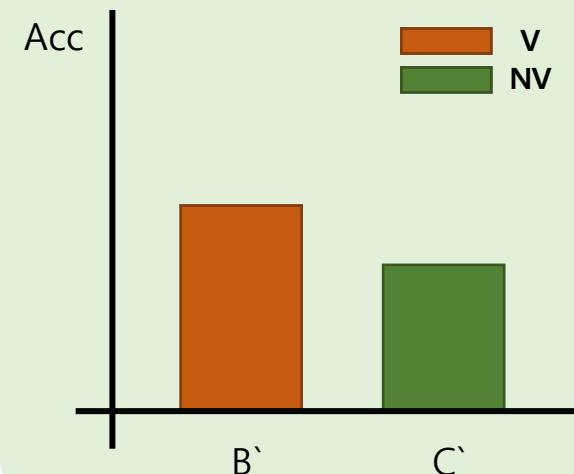
## Categorization Task (6 run, 170 trials per run)



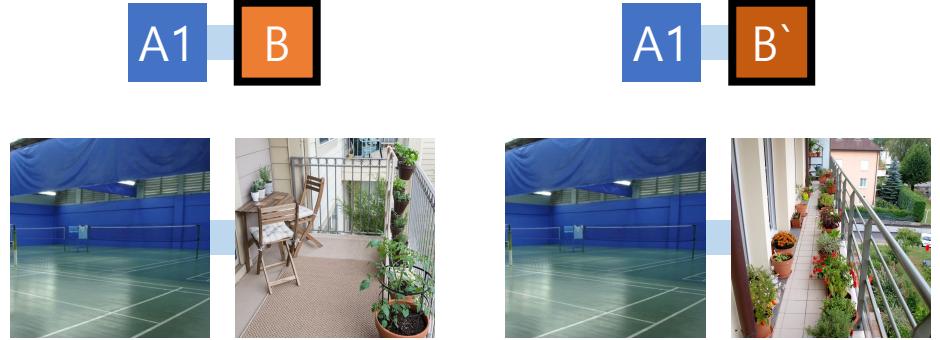
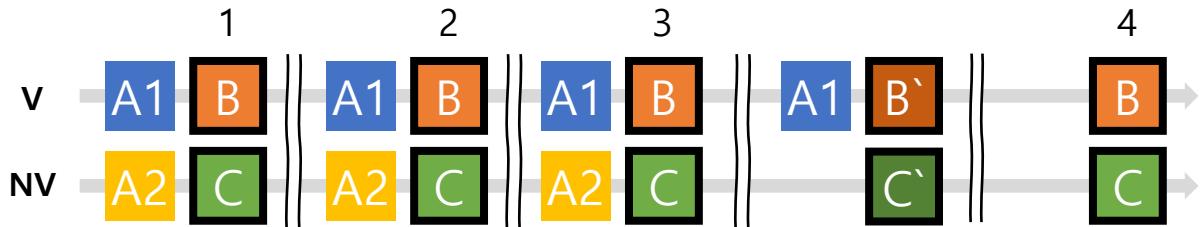
## Categorization RT of B/C



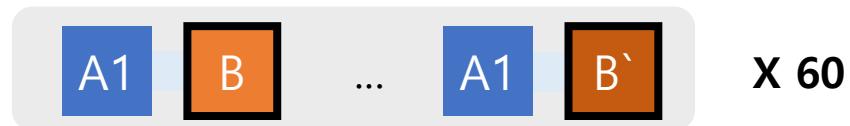
## Recognition Memory of B'/C'



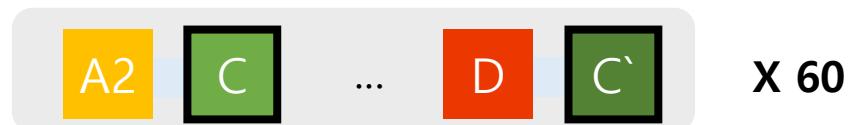
# Condition / Stimuli



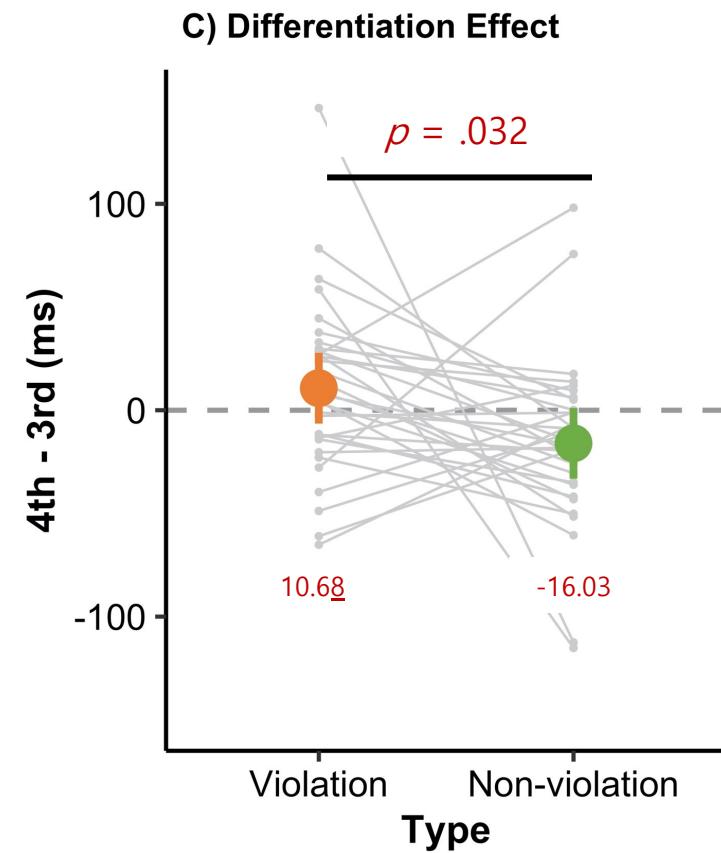
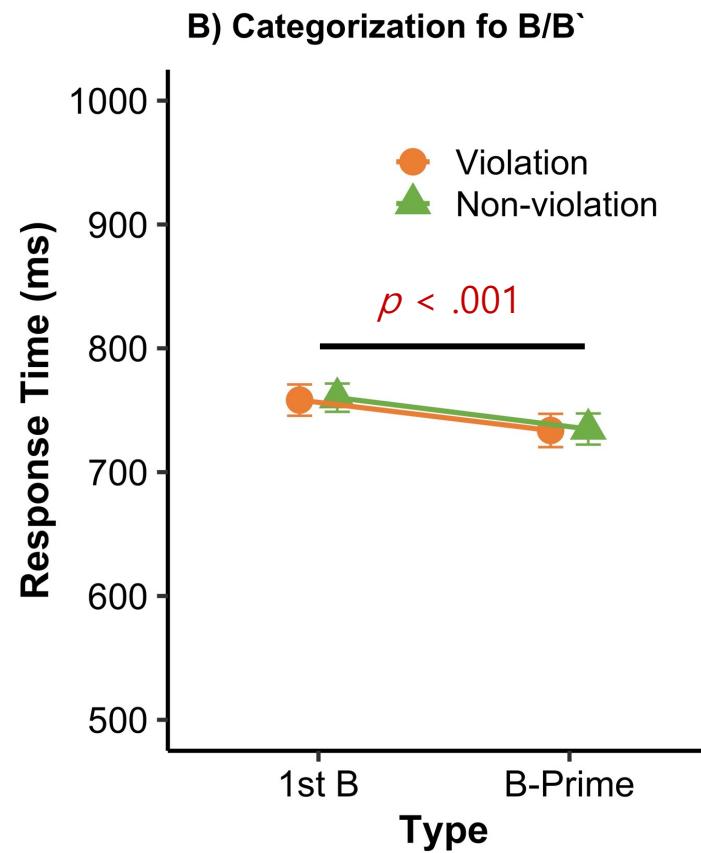
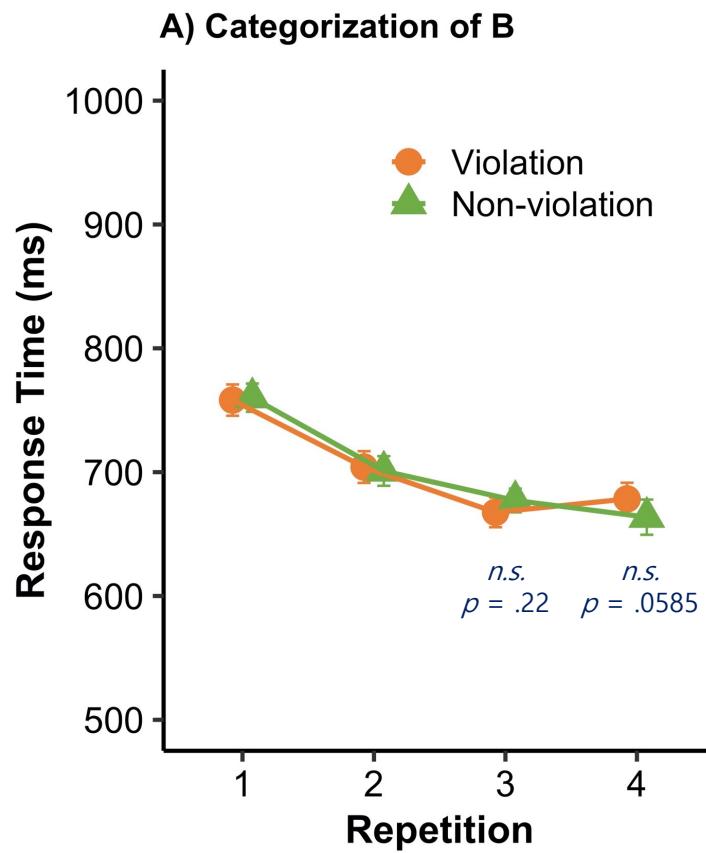
## Violation



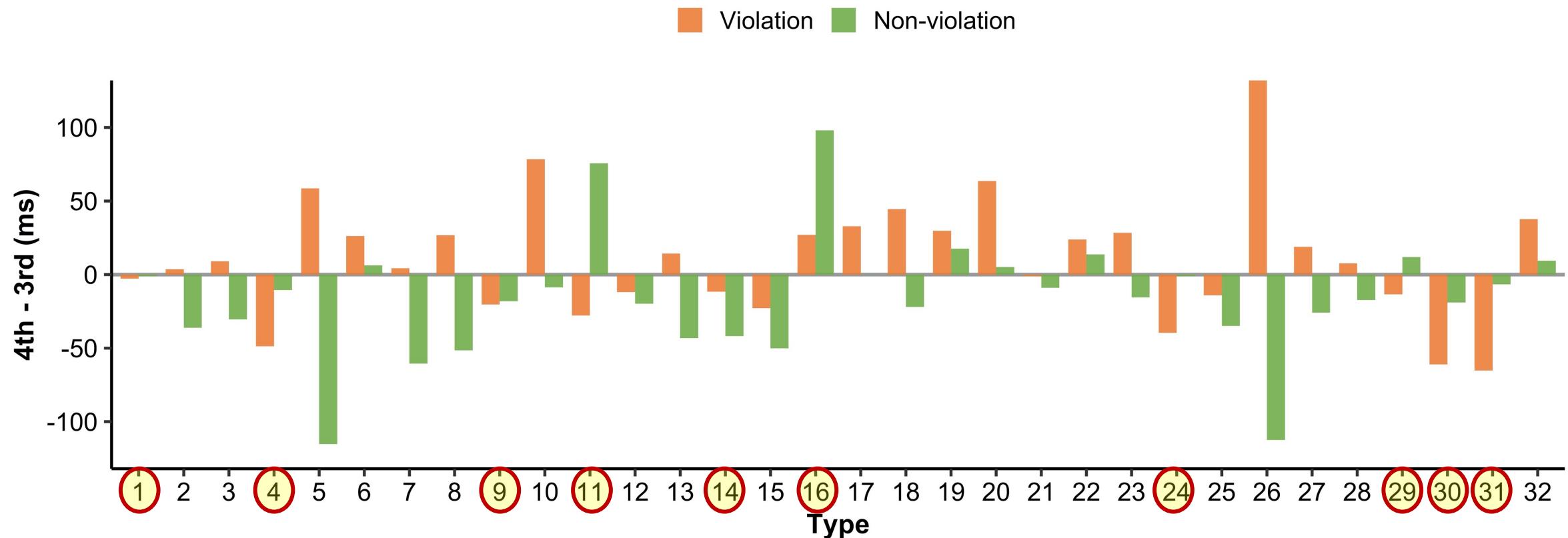
## Non-violation



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

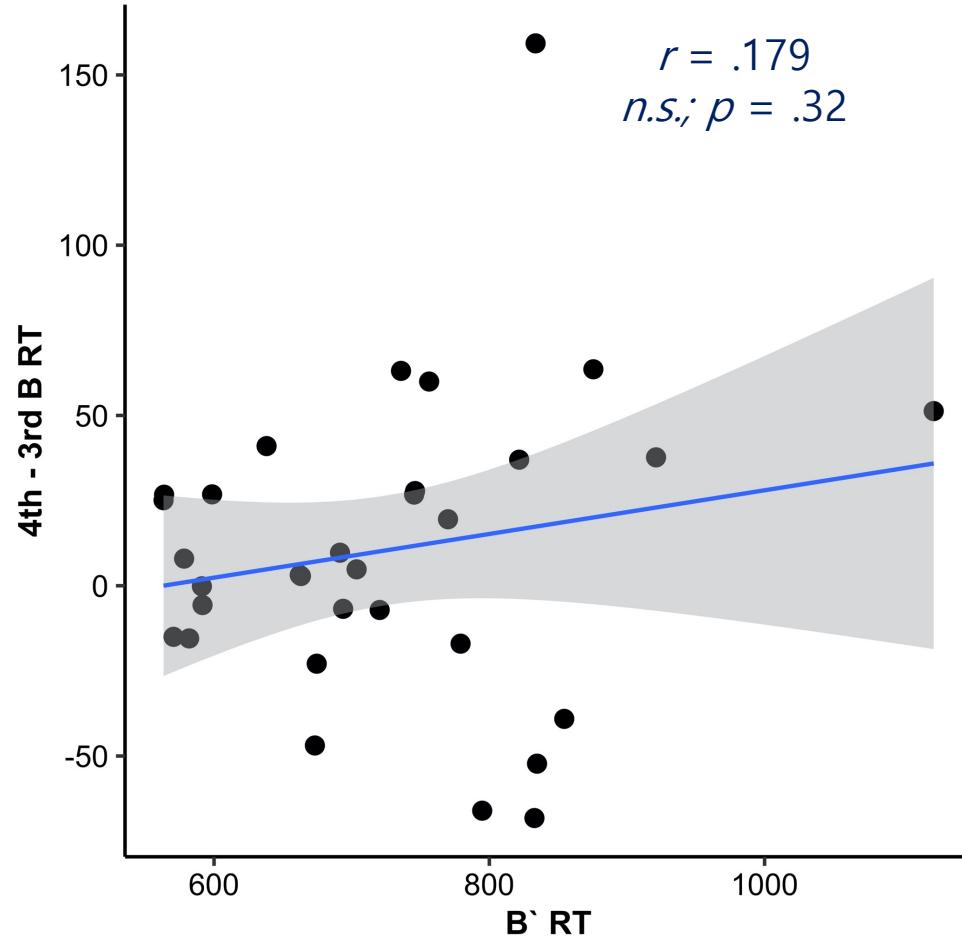


## Results – Phase 1, Priming Effect (N = 32)

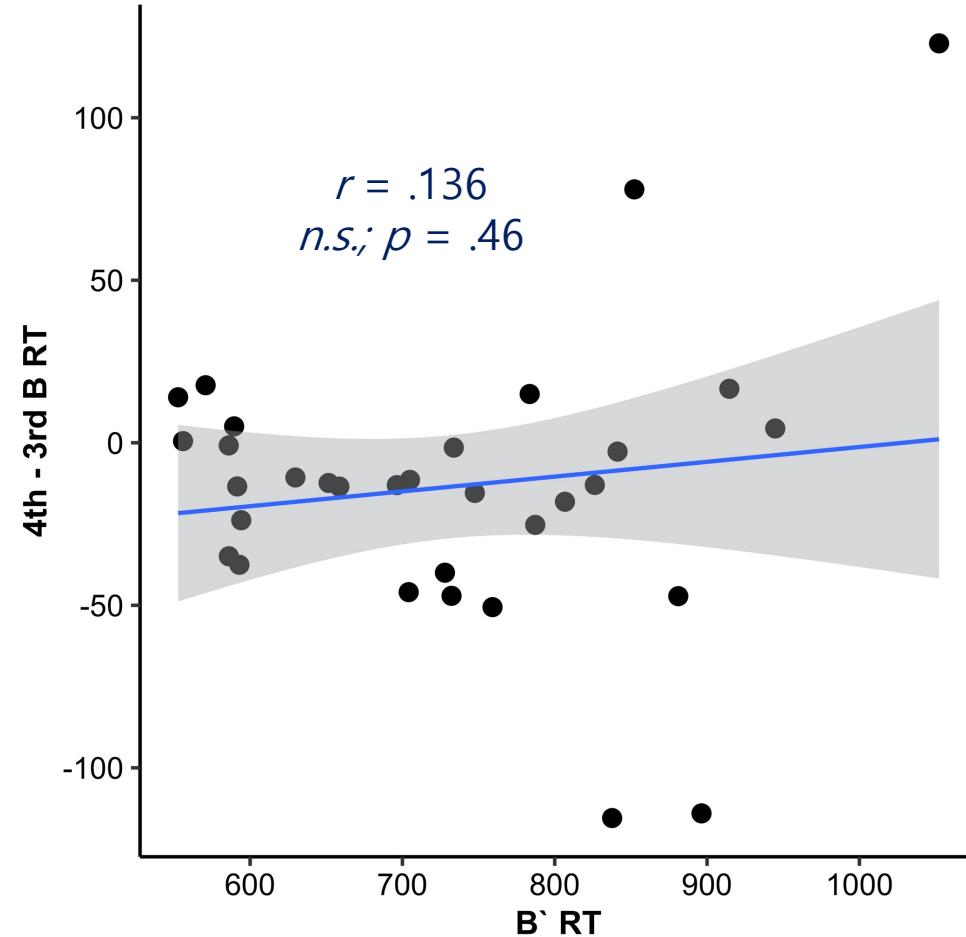


# Results – Phase 1, B' RT와 4th-3rd B RT 간의 관계 (N = 32)

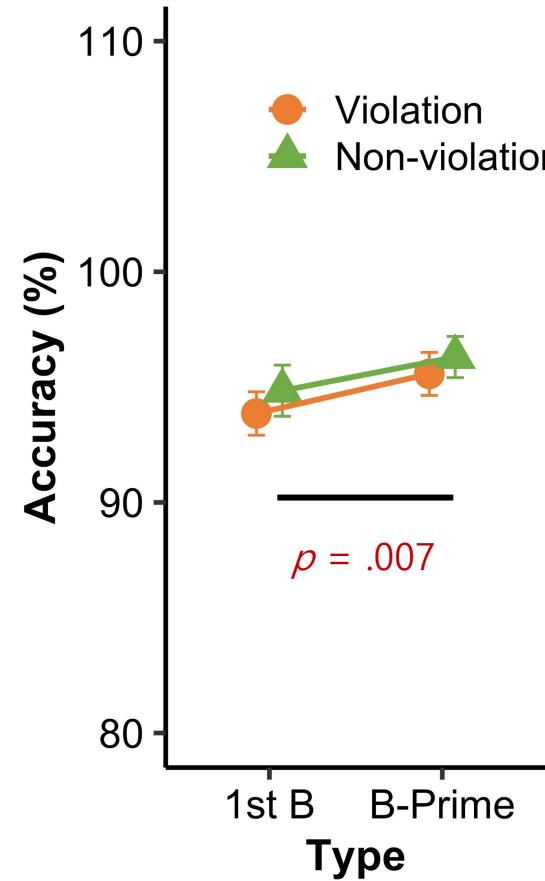
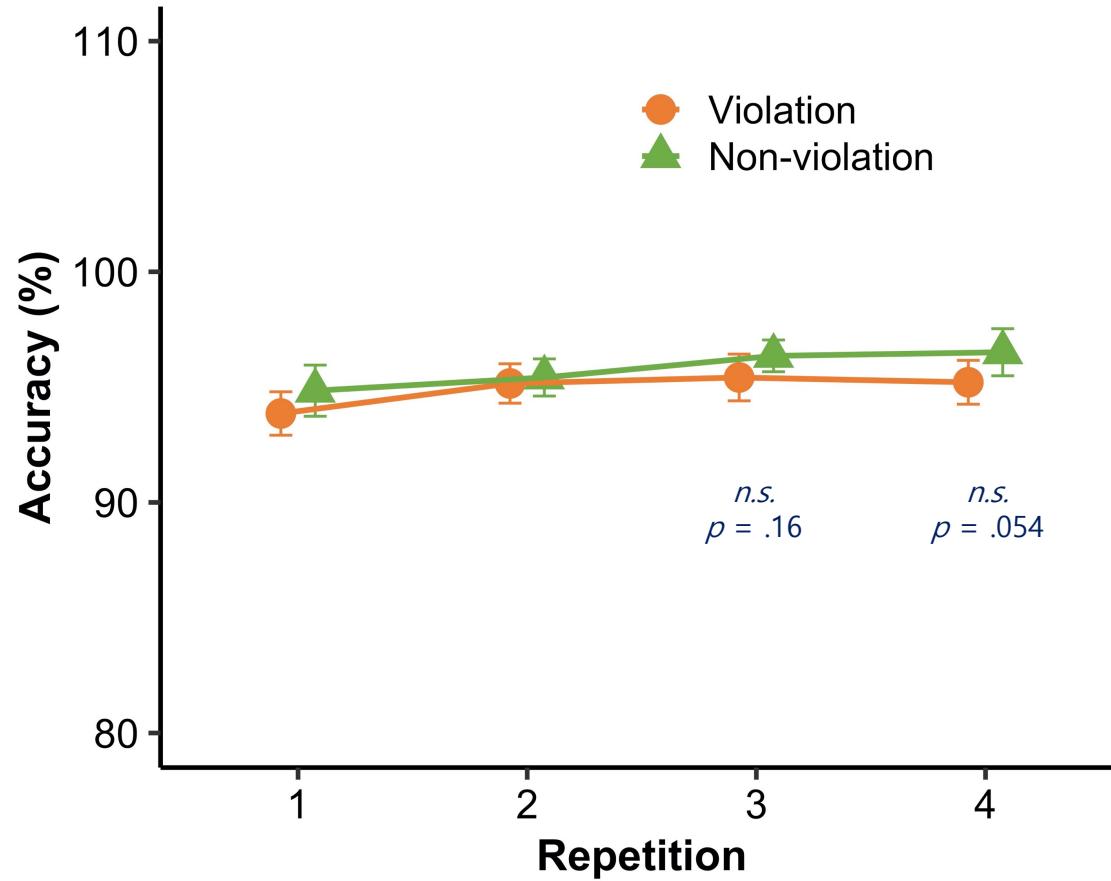
A) Violation Condition



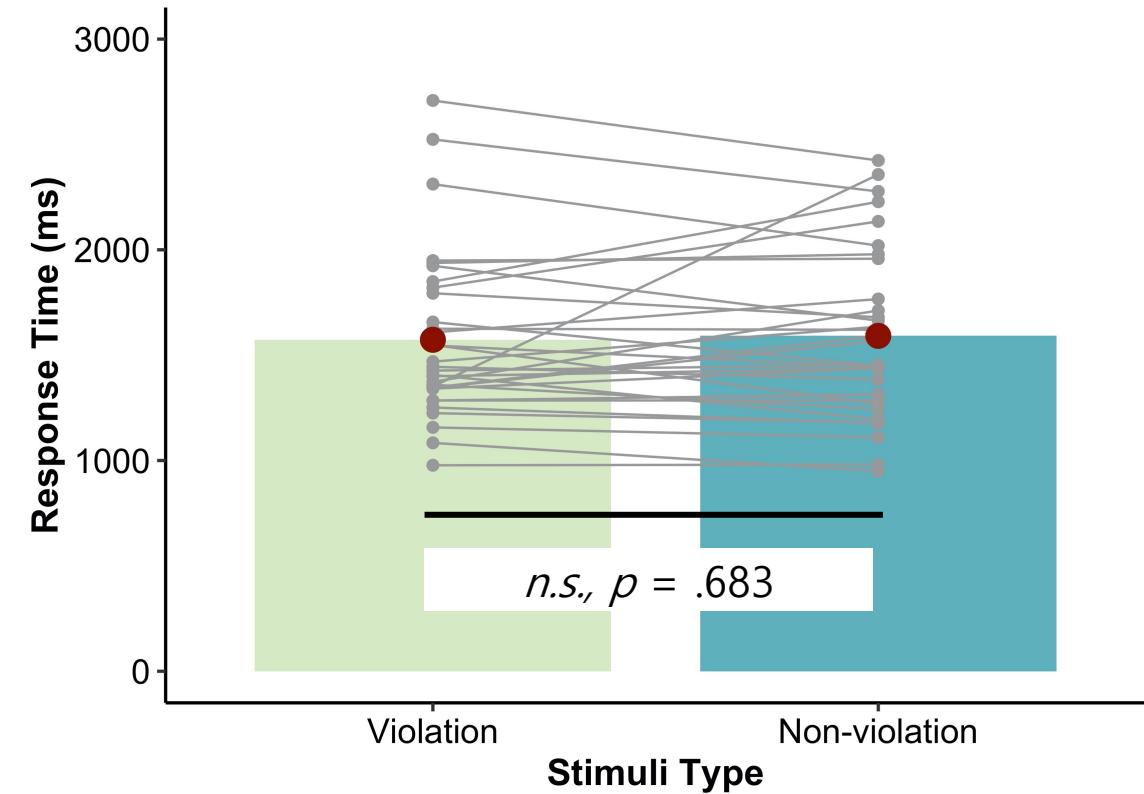
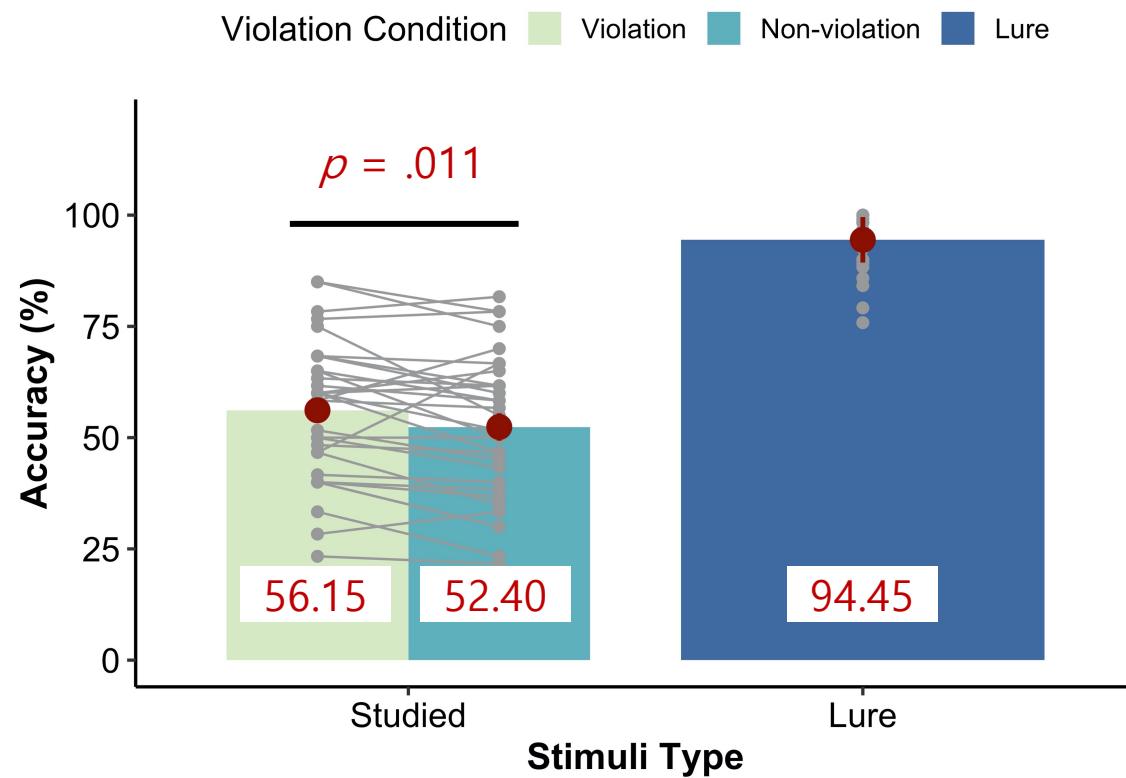
B) Non-violation Condition



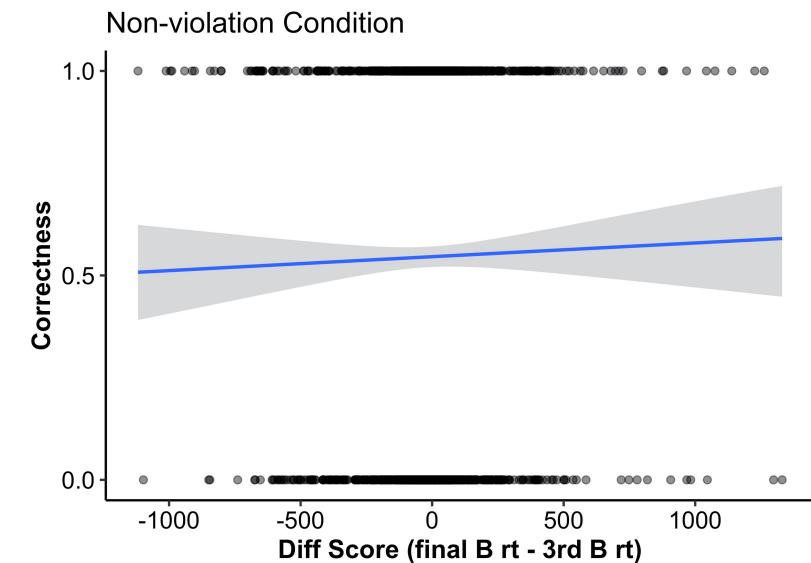
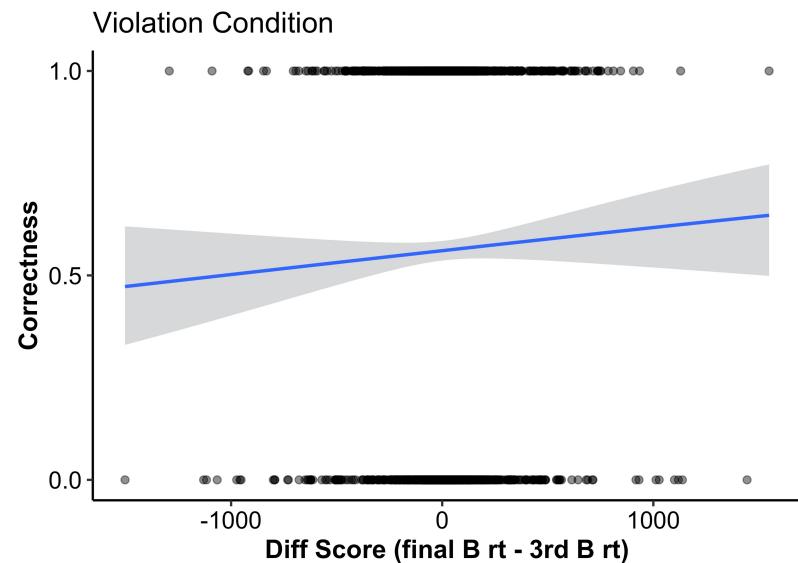
## Results – Phase 1, Accuracy (N = 32)



## 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 + prime<sup>2</sup>

- Intercept 0.2627, p < .001
- prime 0.0002454555, p = .218, n.s.
- prime<sup>2</sup> -0.0000003186, p = .258, n.s.

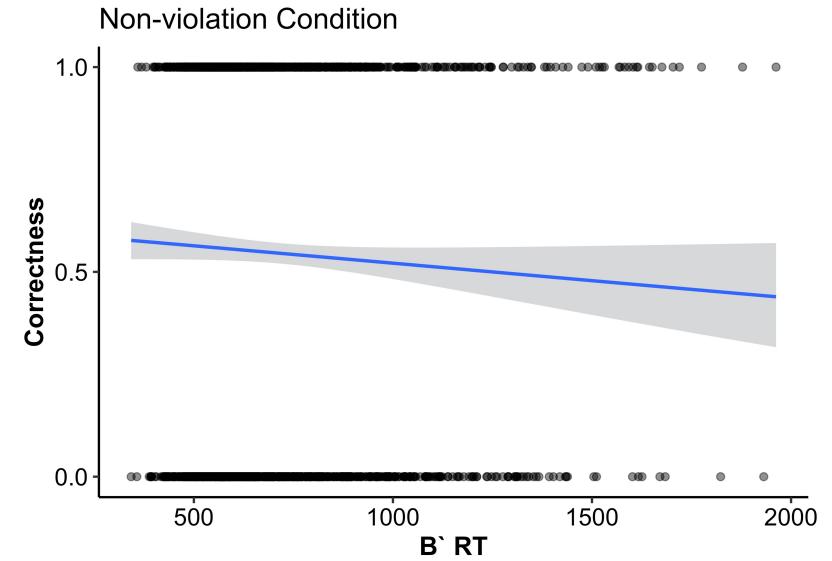
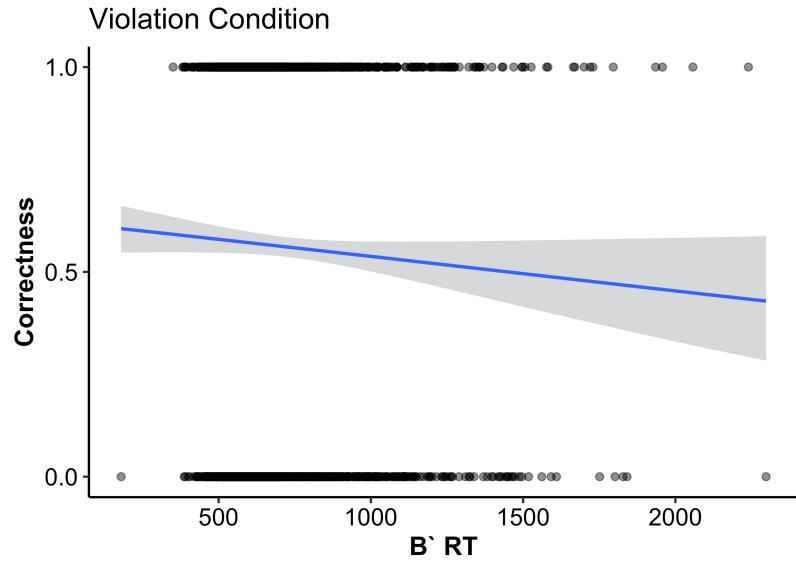
## Model 1 : Correctness ~ prime

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

## Model 2 : Correctness ~ prime + prime<sup>2</sup>

- Intercept 0.0863, p = .096, n.s.
- prime 0.00005833320, p = .764, n.s.
- prime<sup>2</sup> 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)

