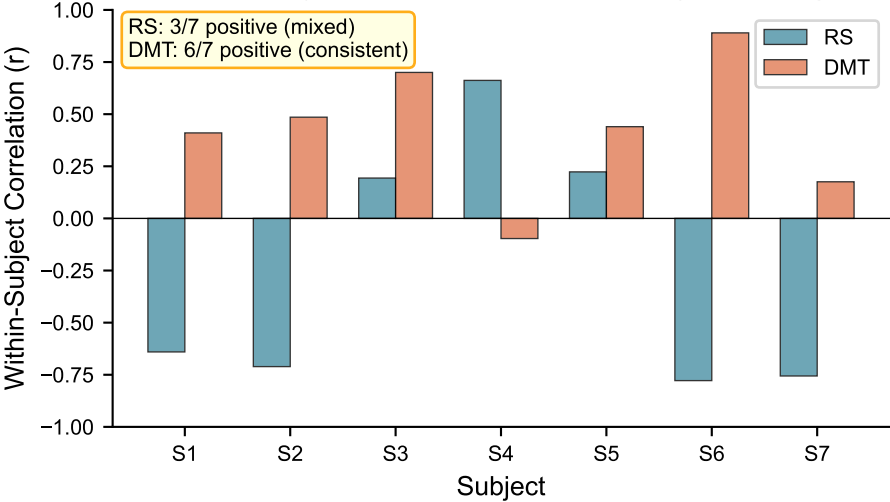


B. Summary Statistics

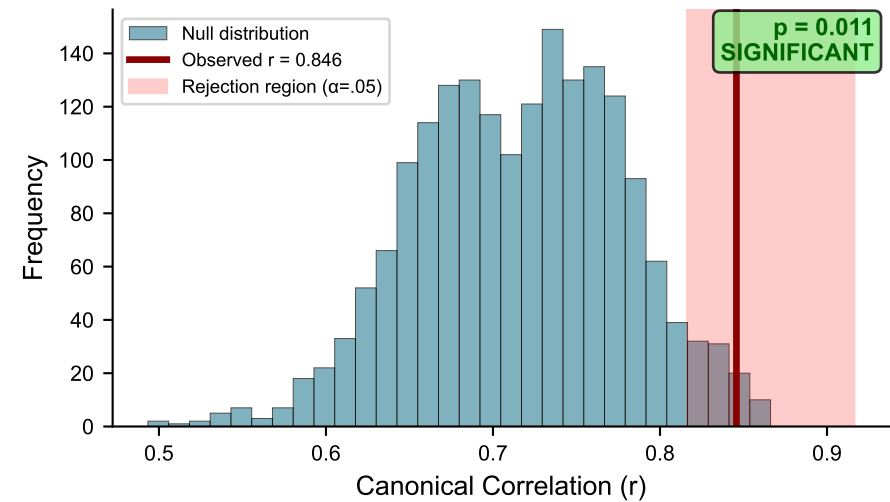
Metric	RS	DMT
CCA r (BLUS)	0.846	0.741
Permutation p	0.011*	0.167
Within-subj r (mean)	-0.258	0.429
Within-subj r (SD)	0.599	0.324
% Positive coupling	43%	86%

*p < .05

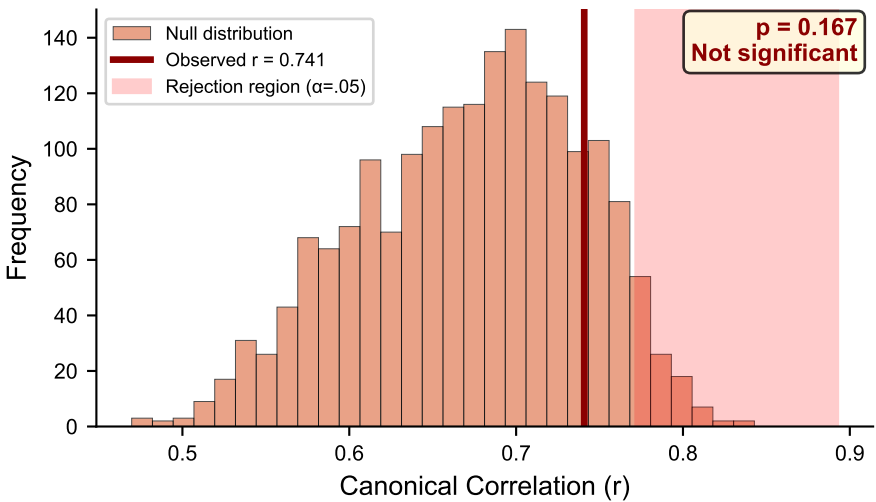
A. Within-Subject HR–Emotional Intensity Coupling



C. RS: Permutation Test (Theil BLUS)



D. DMT: Permutation Test (Theil BLUS)



E. Mechanistic Interpretation

INTERPRETATION: Why RS is significant but DMT is not

- RS shows HETEROGENEOUS within-subject coupling (3 positive, 4 negative correlations)
 - When subjects are permuted, mixed correlations partially cancel → Low null distribution mean
 - Observed aggregate r (0.85) is MUCH HIGHER than null → Significant (p = 0.011)
- DMT shows HOMOGENEOUS within-subject coupling (6/7 subjects have positive correlations)
 - When subjects are permuted, positive correlations remain positive → High null distribution mean
 - Observed aggregate r (0.74) is SIMILAR to null → Not significant (p = 0.167)

CONCLUSION: DMT induces a UNIVERSAL positive coupling pattern across all subjects, while RS coupling is SUBJECT-SPECIFIC. The non-significant DMT result reflects consistent (not absent) coupling.