

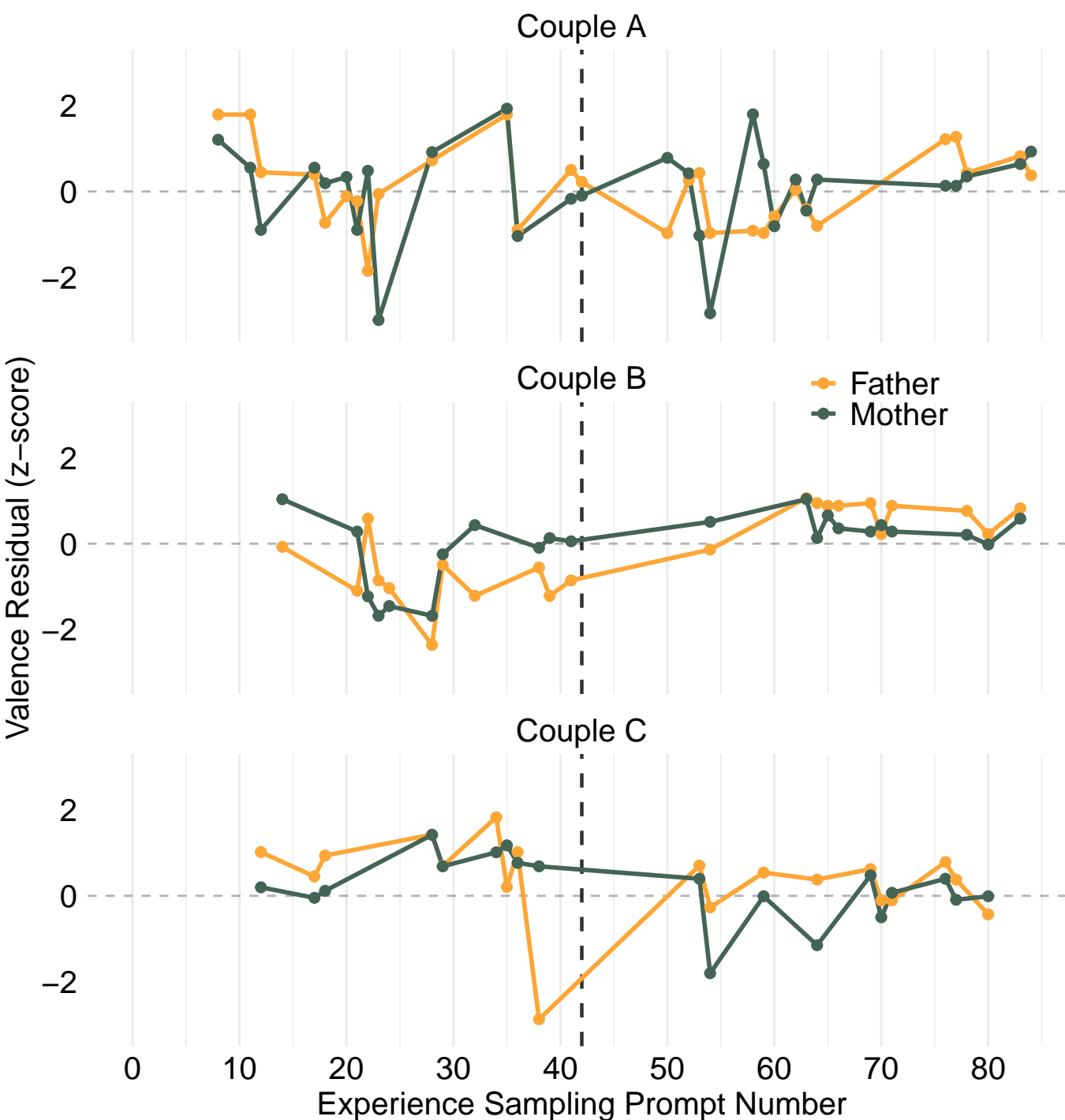
A) Residual Valence Synchrony

Maternity Leave

$r = 0.24 [0.21, 0.27]$

Paternity Leave

$r = 0.21 [0.16, 0.27]$



B) Population-Level Arousal Dependence

Maternity Leave

Paternity Leave

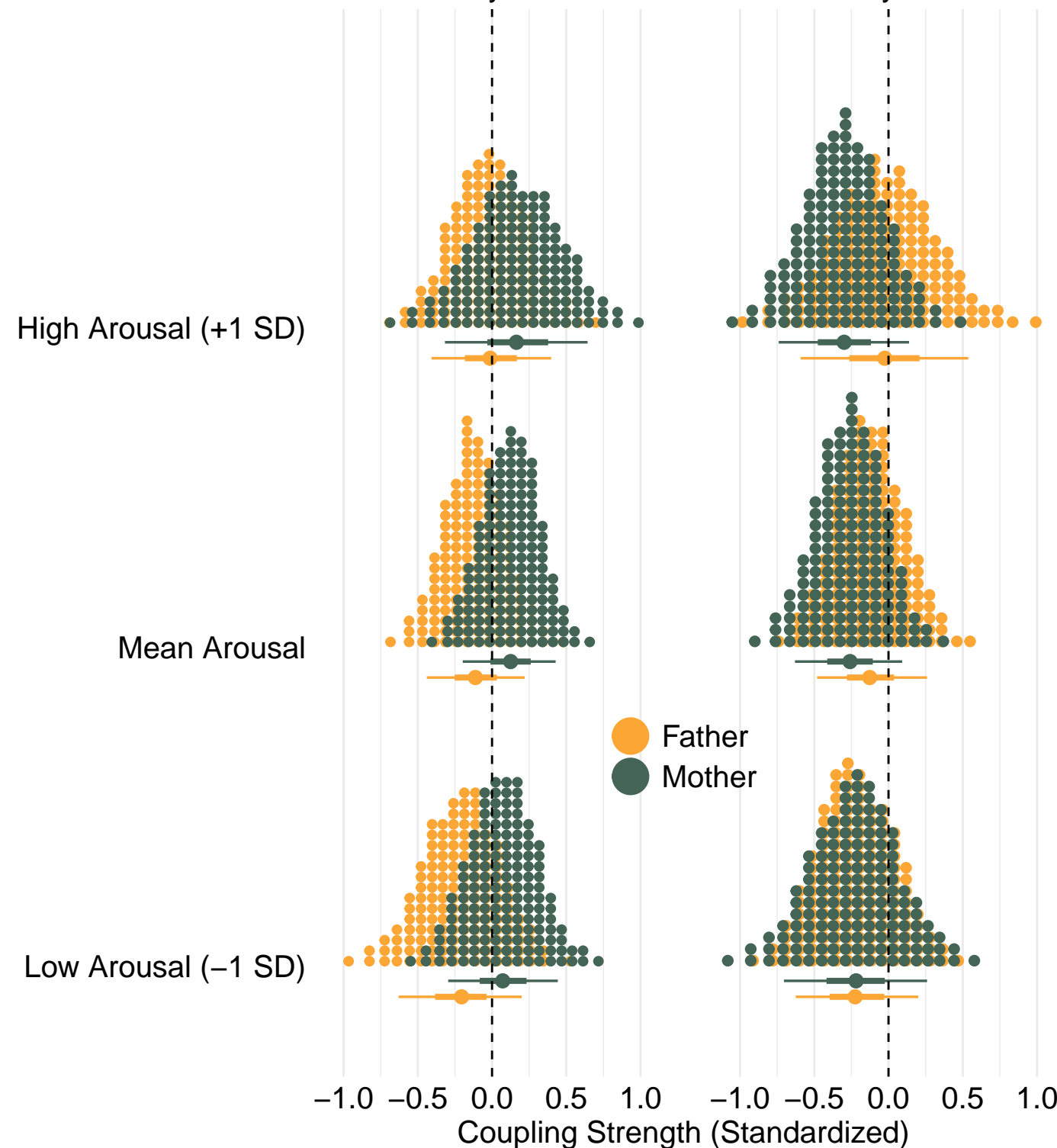
High Arousal (+1 SD)

Mean Arousal

Low Arousal (-1 SD)

Father
Mother

Coupling Strength (Standardized)

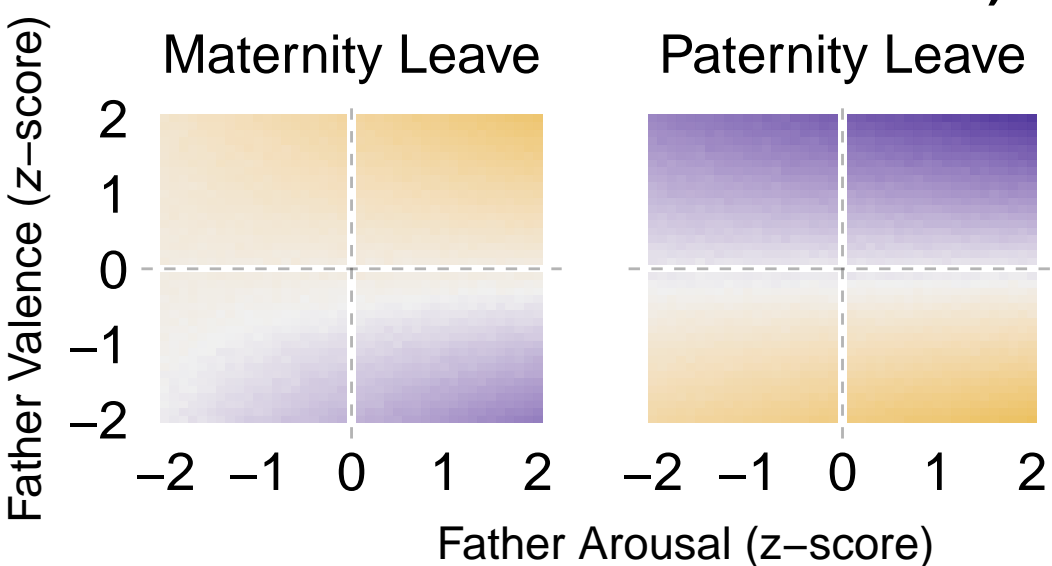


C) State-Dependent Emotion Coupling

Maternity Leave

Paternity Leave

Mother
Acceleration



Maternity Leave

Paternity Leave

Father
Acceleration

