

Table S3: Linear Mixed Model of vocalization, pause and dyadic variables during mother infant interaction using a still face paradigm

MOTHER PARAMETERS					
	Age effect	Type of SF effect	Gender effect	Time effect	
Mother Vocalization Mean	0.09 (p=0.005)	0.005 (p=0.96)	0.04 (p=0.67)	0.01 (p=0.86)	-0.027 (p=0.53)
Mother Pause Mean	-0.028 (p=0.07)	-0.09 (p = 0.12)	-0.07(p=0.16)	-0.069 (p=0.13)	0.09 (p= 0.003)
Motherese Ratio	0.028 (p=0.01)	-0.018 (p = 0.65)	0.034 p=0.37)	0.033 (p=0.32)	-0.010 (p=0.34)
Non Motherese Ratio	-0.011 (p=0.26)	-0.025 (p=0.50)	0.025 (p=0.45)	-0.030 (p=0.31)	-0.038 (p<0.001)
INFANT PARAMETERS					
	Age effect	Type of SF effect	Gender effect	Time effect	
Log(Infant Vocalization) Mean	0.03 (p=0.44)	-0.05 (p=0.67)	-0.04 (p=0.75)	0.27 (p=0.008)	-0.45 (p<0.001)
Log(Infant Pause) Mean	0.067 (p=0.078)	0.027 (p=0.85)	0.11 (p=0.39)	-0.29 (p=0.012)	0.59 (p<0.001)
DYADIC PARAMETERS					
	Age effect	Type of SF effect	Gender effect	Time effect	
Joint Silence Ratio Mean	-0.015 (p=0.035)	-0.01 (p=0.62)	-0.02 (p=0.47)	-0.04 (p=0.07)	0.11 (p<0.001)
Overlap Ratio Mean	0.001 (p=0.99)	0.32 (0.23)	0.16 (p=0.51)	0.52 (p=0.02)	-0.86 (p<0.001)
Infant response to maternal vocalization Ratio: Mean (SD)	-0.01 (p=0.44)	0.1 (p=0.04)	0.06 (p=0.14)	0.10 (p=0.009)	-0.14 (p<0.001)
Infant response to maternal vocalization Ratio > eIDS: Mean (SD)	0.005 (p=0.73)	0.13 (p=0.01)	0.10 (p=0.04)	0.12 (p=0.003)	-0.15 (p<0.001)
Infant response to maternal vocalization Ratio > Non-eIDS: Mean (SD)	-0.006 (p=0.66)	0.08 (p=0.09)	0.06 (p=0.17)	0.10 (p=0.01)	-0.15 (p<0.001)