**Supplementary Materials**

**Table S1**

*Summary of Mean Age in Months Across Year Levels*

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | Mean Age *(SD)* |  |
|  | 3 years | 4 years | 5 years |
| Age (months)  | 40.54 *(3.29)* | 51.36 *(3.01)* | 63.88 *(2.94)* |

**Table S2**

*Summary of Final Sample of Participants by Age and Sex*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | Age |  |  |
|  | 3 years | 4 years | 5 years | Total |
| Male | 14 | 12 | 8 | 34 |
| Female | 12 | 16 | 8 | 36 |
| Total | 26 | 28 | 16 | 70 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1. Authoritative
 | *rs* | - |  |  |  |  |  |  |  |  |  |  |  |
|  | *p* | - |  |  |  |  |  |  |  |  |  |  |  |
| 1. Authoritarian
 | *rs* | **-.36\*\*** | - |  |  |  |  |  |  |  |  |  |  |
|  | *p* | **.002** | - |  |  |  |  |  |  |  |  |  |  |
| 1. Permissive
 | *rs* | -.09 | -.12 | - |  |  |  |  |  |  |  |  |  |
|  | *p* | .46 | .33 | - |  |  |  |  |  |  |  |  |  |
| 1. Age (months)
 | *rs* | -.21 | .17 | -.08 | - |  |  |  |  |  |  |  |  |
|  | *p* | .08 | .16 | .53 | - |  |  |  |  |  |  |  |  |
| 1. Child Sex

(0 = male, 1 = female) | *rs* | .02 | -.02 | **.24\*** | .04 | - |  |  |  |  |  |  |  |
| *p* | .88 | .85 | **.05** | .77 | - |  |  |  |  |  |  |  |
| 1. Social Speech
 | *rs* | .08 | -.09 | -.01 | **-.45\*\*\*** | -.12 | - |  |  |  |  |  |  |
|  | *p* | .53 | .44 | .92 | **<.001** | .34 | - |  |  |  |  |  |  |
| 1. Private Speech
 | *rs* | .04 | -.00 | -.22 | .02 | **-.38\*\*\*** | **.33\*\*** | - |  |  |  |  |  |
|  | *p* | .73 | .98 | .07 | .90 | **.001** | **.01** | - |  |  |  |  |  |
| 1. Unintelligible Private Speech
 | *rs* | .04 | .06 | .00 | .12 | .12 | **-.29\*** | .18 | - |  |  |  |  |
| *p* | .77 | .62 | .99 | .31 | .34 | **.01** | .13 | - |  |  |  |  |
| 1. Task-irrelevant PS Content
 | *rs* | .07 | -.16 | .17 | -.11 | -.19 | .16 | **.32\*\*** | .02 | - |  |  |  |
| *p* | .55 | .18 | .16 | .35 | .12 | .19 | **.01** | .89 | - |  |  |  |
| 1. Forethought PS Content
 | *rs* | .20 | -.07 | **-.31\*\*** | .04 | **-.42\*\*\*** | **.32\*\*** | **.81\*\*\*** | .07 | .18 | - |  |  |
| *p* | .10 | .55 | **.01** | .75 | **<.001** | **.01** | **<.001** | .58 | .14 | - |  |  |
| 1. Performance PS Content
 | *rs* | .04 | -.03 | -.19 | -.16 | **-.42\*\*\*** | **.52\*\*\*** | **.86\*\*\*** | -.14 | **.34\*\*** | **.69\*\*\*** | - |  |
| *p* | .73 | .81 | .12 | .19 | **<.001** | **<.001** | **<.001** | .26 | **.01** | **<.001** | - |  |
| 1. Self-reflective PS Content
 | *rs* | .16 | .11 | -.09 | -.05 | -.11 | **.31\*\*** | **.76\*\*\*** | .09 | .18 | **.53\*\*\*** | **.60\*\*\*** | - |
| *p* | .18 | .38 | .44 | .71 | .36 | **.01** | **<.001** | .48 | .13 | **<.001** | **<.001** | - |

**Table S3**

*Spearman Correlations Between the Frequency of Social Speech and PS Subtypes. the Frequency of Maternal Reported Practices for each Parenting Style, and Child Age and Sex*

**Table S4**

*Spearman Correlations Between the Proportion of Social Speech and PS Subtypes. the Frequency of Maternal Reported Practices for each Parenting Style, and Child Age and Sex*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1. Authoritative
 | *rs* | - |  |  |  |  |  |  |  |  |  |  |  |
|  | *p* | - |  |  |  |  |  |  |  |  |  |  |  |
| 1. Authoritarian
 | *rs* | **-.36\*\*** | - |  |  |  |  |  |  |  |  |  |  |
|  | *p* | **.002** | - |  |  |  |  |  |  |  |  |  |  |
| 1. Permissive
 | *rs* | -.09 | -.12 | - |  |  |  |  |  |  |  |  |  |
|  | *p* | .46 | .33 | - |  |  |  |  |  |  |  |  |  |
| 1. Age (months)
 | *rs* | -.21 | .17 | -.08 | - |  |  |  |  |  |  |  |  |
|  | *p* | .08 | .16 | .53 | - |  |  |  |  |  |  |  |  |
| 1. Child Sex

(0 = male, 1 = female) | *rs* | .02 | -.02 | **.24\*** | .04 | - |  |  |  |  |  |  |  |
| *p* | .88 | .85 | **.05** | .77 | - |  |  |  |  |  |  |  |
| 1. Social Speech
 | *rs* | .02 | -.05 | .15 | **-.44\*\*\*** | .08 | - |  |  |  |  |  |  |
|  | *p* | .90 | .66 | .21 | **<.001** | .50 | - |  |  |  |  |  |  |
| 1. Private Speech
 | *rs* | .01 | .05 | -.15 | **.43\*\*\*** | -.07 | **-.99\*\*\*** | - |  |  |  |  |  |
|  | *p* | .96 | .68 | .21 | **<.001** | .58 | **<.001** | - |  |  |  |  |  |
| 1. Unintelligible Private Speech
 | *rs* | .08 | .08 | .10 | .16 | **.29\*** | **-.31\*\*** | **.33\*\*** | - |  |  |  |  |
|  | *p* | .49 | .52 | .43 | .18 | **.01** | **.01** | **.01** | - |  |  |  |  |
| 1. Task-irrelevant PS Content
 | *rs* | .08 | -.18 | .14 | -.15 | -.17 | .07 | -.07 | **-.25\*** | - |  |  |  |
| *p* | .52 | .15 | .24 | .22 | .16 | .55 | .58 | **.03** | - |  |  |  |
| 1. Forethought PS Content
 | *rs* | **.27\*** | -.15 | -.24 | .12 | -.15 | -.05 | .04 | .01 | -.11 | - |  |  |
| *p* | **.03** | .25 | .05 | .33 | .23 | .72 | .73 | .97 | .39 | - |  |  |
| 1. Performance PS Content
 | *rs* | -.17 | -.11 | .00 | -.13 | **-.27\*** | .16 | -.18 | **-.27\*** | .14 | **-.36\*\*** | - |  |
| *p* | .16 | .39 | .99 | .30 | **.03** | .20 | .14 | **.03** | .27 | **.00** | - |  |
| 1. Self-reflective PS Content
 | *rs* | .09 | .16 | .13 | .02 | **.28\*** | -.11 | .13 | .15 | -.12 | -.17 | -.73 | - |
| *p* | .46 | .20 | .31 | .91 | **.02** | .40 | .29 | .25 | .34 | .18 | <001 | - |