Table S1: Descriptive statistics of categories of child and parent number talk and their association with early number skills

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Descriptive statistics | | | | | | | Spearman correlation coefficients N=118 | | | | | | |
|  | N | Min | Max | Mean | SD | Percentage of participants with at least one use of this numbertalk | Overall numerical skills | Cardinality | Digit naming | Ordinality | Arithmetic | Counting | SFON |
| Child arithmetic follows prompt | 128 | 0 | 5 | .09 | .49 | 5.5 | .18\* | .20\* | .13 | .04 | .26\*\* | .05 | .15 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Child cardinality follows parental prompt | 128 | 0 | 10 | .95 | 1.50 | 46.9 | -.01 | .03 | .01 | .02 | -.01 | -.06 | .06 |
| Child cardinality parent utterance inaudible | 128 | 0 | 1 | .03 | 0.18 | 3.1 | -.03 | .01 | -.06 | -.13 | -<.01 | .10 | -.04 |
| Child cardinality-independent | 128 | 0 | 5 | .29 | 0.65 | 22.7 | .23\* | .31\*\* | .12 | .09 | .19 | .10 | .12 |
| Child counting follows parental prompt | 128 | 0 | 16 | 1.50 | 2.29 | 52.3 | .22\* | .29\*\* | .17 | .06 | .11 | .12 | .11 |
| Child counting- independent | 128 | 0 | 9 | .31 | 1.07 | 13.3 | .13 | .01 | .27\*\* | .04 | -.02 | .09 | .11 |
| Child counting parental prompt inaudible | 128 | 0 | 1 | .01 | 0.09 | 0.8 | -.04 | -.13 | -.06 | -.12 | .11 | .05 | -.06 |
| Child- Identify numerals | 128 | 0 | 0 | .00 | 0.00 | 0 |  |  |  |  |  |  |  |
| Child- Magnitude | 128 | 0 | 1 | .01 | 0.09 | 0.8 | .08 | .08 | .04 | .13 | -.07 | .05 | .10 |
| Child ordinal relations follows parental prompt | 128 | 0 | 4 | .04 | 0.36 | 1.6 | -.08 | .08 | -.06 | -.02 | .07 | -.17 | -.06 |
| Parent arithmetic- does not initiate child response | 128 | 0 | 1 | .01 | 0.09 | 0.8 | .15 | .14 | .11 | .15 | .11 | .05 | -.06 |
| Parent arithmetic- initiates child response | 128 | 0 | 6 | .09 | 0.57 | 5.5 | .18\* | .20\* | .13 | .04 | .26\*\* | .05 | .15 |
| Parent cardinality- child response inaudible | 128 | 0 | 2 | .16 | 0.39 | 15.6 | .15 | .09 | .15 | .02 | .12 | .16 | -.08 |
| Parent cardinality- does not provoke child response | 128 | 0 | 8 | 1.23 | 1.58 | 57.0 | .08 | .23\* | -.04 | .10 | .08 | -.06 | <.01 |
| Parent cardinality- initiates child response | 128 | 0 | 10 | 1.64 | 1.83 | 66.4 | .14 | .22\* | .10 | .10 | .11 | -.01 | .08 |
| Parent counting- child response inaudible | 128 | 0 | 1 | .06 | 0.24 | 6.3 | -.06 | -.06 | -.04 | .09 | -.08 | -.09 | .05 |
| Parent counting- does not provoke child response | 128 | 0 | 9 | .30 | 0.95 | 18.0 | -<.01 | .08 | -.01 | .09 | -.01 | -.06 | .05 |
| Parent counting- initiates child response | 128 | 0 | 13 | .54 | 1.44 | 25.8 | -.10 | -.03 | -.03 | -.05 | -.15 | -.05 | .04 |
| Parent- Identify numerals- Does not initiate child response | 128 | 0 | 1 | .01 | 0.09 | 0.8 | .02 | .14 | -.04 | -.12 | -.07 | .05 | -.06 |
| Parent magnitude- initiates child response | 128 | 0 | 2 | .02 | 0.18 | 0.8 | .08 | .08 | .04 | .13 | -.07 | .05 | .10 |
| Parent- ordinal relations initiates child response | 128 | 0 | 4 | .04 | 0.36 | 1.6 | -.08 | .08 | -.06 | -.02 | .07 | -.17 | -.06 |

\*p<.05, \*\* p<.01