

P2_H7_report

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Typically Developing Children during Home Visit 7

N= 20; Age in months: M = 38

Import and Clean Dataset

```
## [1] NA
## [2] "point~"
## [3] "point"
## [4] "$"
## [5] "hold"
## [6] "nod"
## [7] "hold~"
## [8] "iconic"
## [9] "point(x8("
## [10] "shake"
## [11] "beat"
## [12] "iconic+shake"
## [13] "palm"
## [14] "beat-iconic-nod"
## [15] "cont point"
## [16] "flip"
## [17] "cont point~"
## [18] "iconic~"
## [19] "pick up"
## [20] "wave"
## [21] "point + point"
## [22] "point-point-point"
## [23] "point-point-point-point-point"
## [24] "flip+shake"
## [25] "point / palm"
## [26] "palm~"
## [27] "palm+palm"
## [28] "shake~"
## [29] "hold-point"
## [30] "cont pint"
## [31] "point-point"
## [32] "nod~"
## [33] "hold+hold"
## [34] "hold~+hold~"
## [35] "tada"
## [36] "hold-palm"
## [37] "point~+nod"
```

```

## [38] "point~-point"
## [39] "point+point"
## [40] "iconic-point"
## [41] "hold ~"
## [42] "hold~+point"
## [43] "hold~+point~"
## [44] "hold~+palm"
## [45] "hold~+nod"
## [46] "nod+point"
## [47] "point-point-point-point"
## [48] "palm-flip"
## [49] "iconic-iconic"
## [50] "point+hold"
## [51] "point~+hold~"
## [52] "naughties"
## [53] "point + hold"
## [54] "point~+hold"
## [55] "hold~ + point"
## [56] "shh"
## [57] "palm-palm"
## [58] "shh."
## [59] "point~.iconic"
## [60] "iconic - iconic"
## [61] "hold + hold"
## [62] "point - hold"
## [63] "number"
## [64] "iconic-iconic-cont palm"
## [65] "point - point"
## [66] "point - point - point"
## [67] "palm-iconic"
## [68] "pick up~"
## [69] "point/palm~"
## [70] "point-point-palm"
## [71] "point -point"
## [72] "point (x5)"
## [73] "hold-hold"
## [74] "point ~"
## [75] "point. point.point.point"
## [76] "point-shake"
## [77] "metaphoric"
## [78] "wait+shake"
## [79] "hold~ + hold"
## [80] "wait"
## [81] "shrug"
## [82] "wait~+shake"
## [83] "point~-shrug"
## [84] "hold+shake"
## [85] "point?"
## [86] "number-number"
## [87] "hold+palm"
## [88] "number ~"
## [89] "iconic-iconic-iconic"
## [90] "point~-iconic"
## [91] "iconic ~"

```

```

## [92] "palm-point"
## [93] "point-hold"
## [94] "come"
## [95] "dismiss"
## [96] "<wait>"
## [97] "tade"
## [98] "point - point - point - point - number"
## [99] "point-number"
## [100] "point-iconic"
## [101] "continuous point"
## [102] "hold +hold"
## [103] "point-shrug"
## [104] "cont palm"
## [105] "beat-beat"
## [106] "nod - shake"
## [107] "wave~"
## [108] "<wave>"
## [109] "hold+point"
## [110] "point~+point"
## [111] "palm - palm"
## [112] "<naughties>"
## [113] "point + nod"
## [114] "cont point+cont point"
## [115] "point-cont point"
## [116] "point-iconic-point"
## [117] "number + number"
## [118] "beat -beat - beat"
## [119] "oh my"
## [120] "shh~"
## [121] "shrug w/ flip"
## [122] "palm/point"
## [123] "point - point - point - point - point - point - point -point"
## [124] "point-point-point-point-point-point"
## [125] "point - point - point - point - point - point - point"
## [126] "point - point - point - point - point - point-point"
## [127] "point - point - point - point - point - point"
## [128] "drag"
## [129] "point (x4)"
## [130] "point-tada"
## [131] "number~+"
## [132] "number~+number"

```

Child Gesture and Pretend Play overlap:

Child Gesture Pretend Play overlap by individual:

```

## # A tibble: 20 x 2
##   participant_id PP_gest_overlap_individual
##   <int>          <int>
## 1         22          8
## 2         25         21
## 3         28         38
## 4         29         48
## 5         37          6

```

## 6	38	13
## 7	40	17
## 8	42	6
## 9	43	3
## 10	44	7
## 11	45	25
## 12	54	26
## 13	58	18
## 14	61	2
## 15	68	1
## 16	75	1
## 17	84	22
## 18	102	9
## 19	103	10
## 20	106	31

Child Utterance and Pretend Play overlap:

Child Utterance and Pretend Play overlap by individual:

```
## # A tibble: 20 x 2
##   participant_id PP_utts_overlap_individual
##   <int>          <int>
## 1         22         100
## 2         25          88
## 3         28        334
## 4         29        261
## 5         37          59
## 6         38        205
## 7         40          65
## 8         42          54
## 9         43        198
## 10        44          21
## 11        45        240
## 12        54        204
## 13        58        157
## 14        61          28
## 15        68          16
## 16        75          24
## 17        84        155
## 18       102          76
## 19       103        222
## 20       106          75
```

Merged PP_Gesture and PP_Utterance subsets

Representational (Iconic or Metaphoric or Demo) Gesture and Pretend Play overlap:

Representational (Iconic or Metaphoric or Demo) Gesture and Pretend Play overlap by individual:

```
## # A tibble: 10 x 2
##   participant_id PP_gest_rep_overlap_individual
##   <int>          <int>
```

## 1	25	4
## 2	28	1
## 3	29	11
## 4	44	3
## 5	45	1
## 6	54	9
## 7	58	1
## 8	75	1
## 9	84	1
## 10	103	2

Iconic Gesture and Pretend Play overlap:

Iconic Gesture and Pretend Play overlap by individual:

```
## # A tibble: 10 x 2
##   participant_id PP_gest_icon_overlap_individual
##   <int>          <int>
## 1         25            4
## 2         28            1
## 3         29           11
## 4         44            3
## 5         45            1
## 6         54            9
## 7         58            1
## 8         75            1
## 9         84            1
## 10        103            2
```

Table of ALL Gesture, Utterance, and Representative Gesture:

```
## # A tibble: 20 x 4
##   participant_id PP_gest_overlap_individual PP_utts_overlap_individual
##   <int>          <int>          <int>
## 1         22            8           100
## 2         25           21            88
## 3         28           38          334
## 4         29           48          261
## 5         37            6            59
## 6         38           13          205
## 7         40           17            65
## 8         42            6            54
## 9         43            3          198
## 10        44            7            21
## 11        45           25          240
## 12        54           26          204
## 13        58           18          157
## 14        61            2            28
## 15        68            1            16
## 16        75            1            24
## 17        84           22          155
## 18       102            9            76
## 19       103           10          222
## 20       106           31            75
## # i 1 more variable: PP_gest_rep_overlap_individual <int>
```

Reshaped ALL Gesture, Utterance, and Representative Gesture Data for Plotting

Bar graph of All Gesture, Utterance, and Iconic Gesture data:

Warning: Removed 10 rows containing missing values or values outside the scale range
(`geom_bar()`).

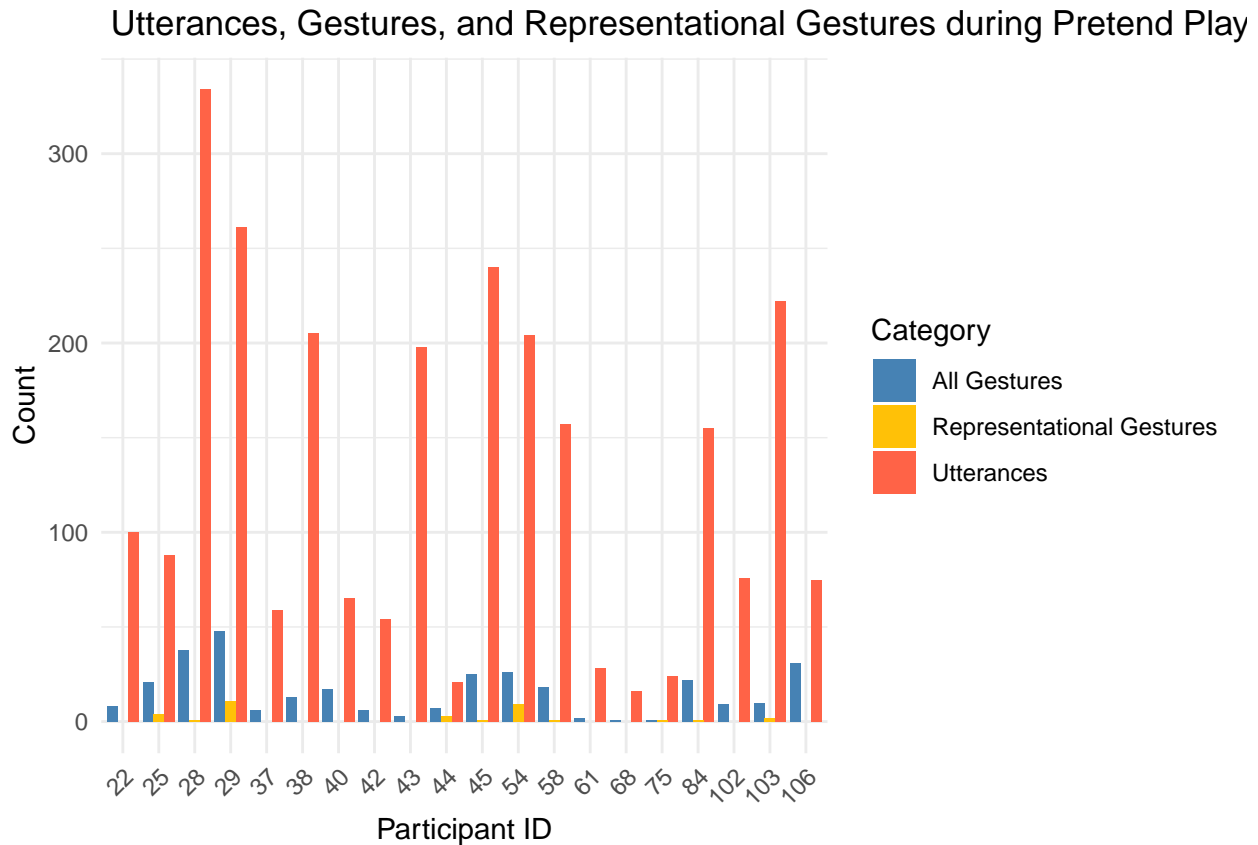


Table of ALL Gesture, Utterance, and Iconic Gesture:

```
## # A tibble: 20 x 4
##   participant_id PP_gest_overlap_individual PP_utts_overlap_individual
##         <int>                <int>                <int>
## 1             22                     8                  100
## 2             25                    21                   88
## 3             28                    38                 334
## 4             29                    48                 261
## 5             37                     6                   59
## 6             38                    13                 205
## 7             40                    17                   65
## 8             42                     6                   54
## 9             43                     3                 198
## 10            44                     7                   21
## 11            45                    25                 240
## 12            54                    26                 204
## 13            58                    18                 157
## 14            61                     2                   28
## 15            68                     1                   16
## 16            75                     1                   24
```

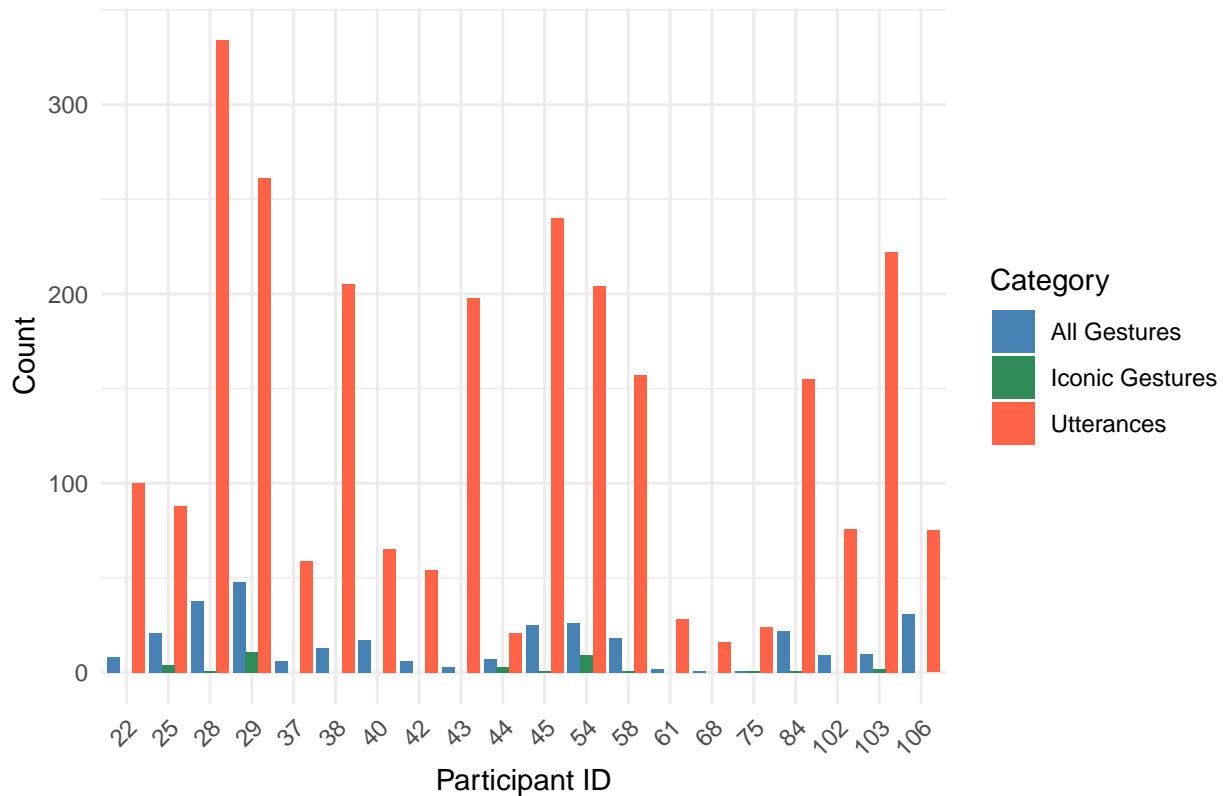
```
## 17      84      22      155
## 18     102       9       76
## 19     103      10      222
## 20     106      31       75
## # i 1 more variable: PP_gest_icon_overlap_individual <int>
```

Reshaped ALL Gesture, Utterance, and Iconic Gesture data for plotting

Bar graph of ALL Gesture, Utterance, and Iconic Gesture data:

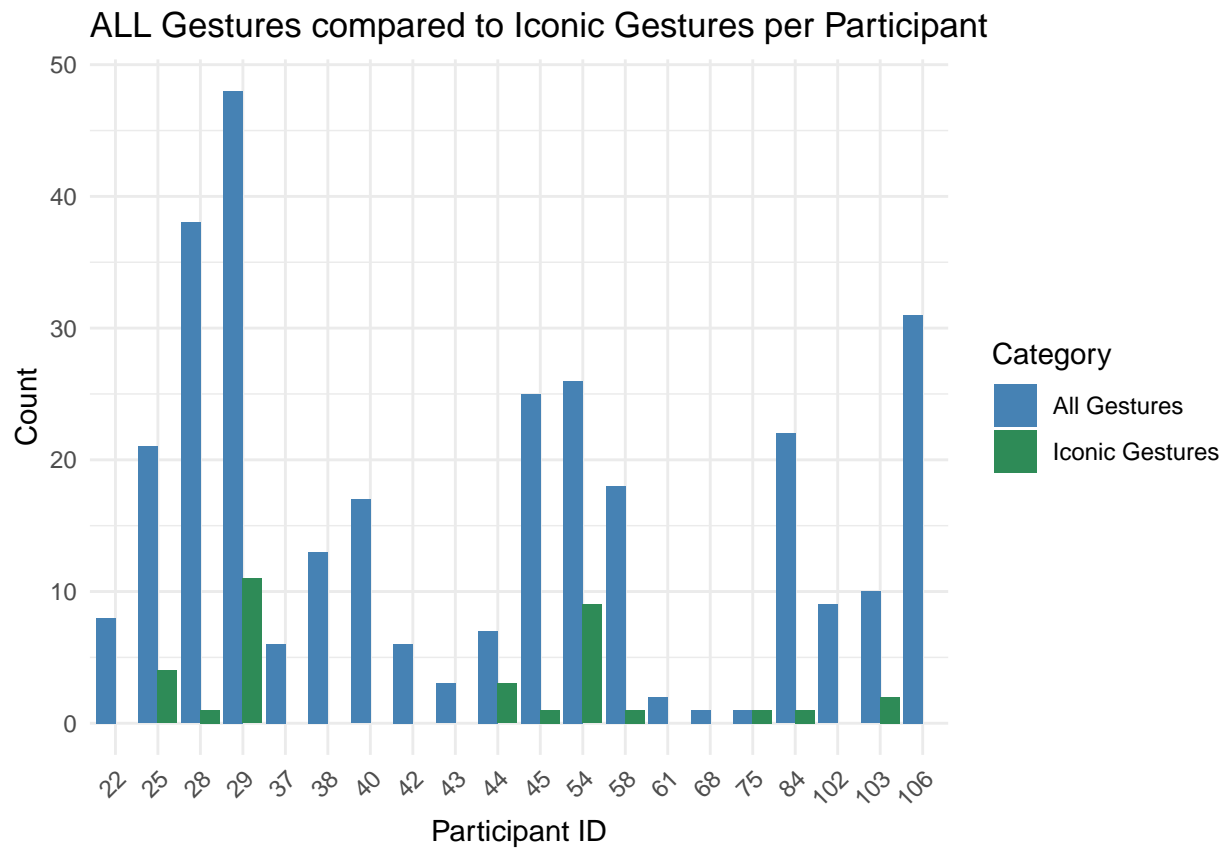
```
## Warning: Removed 10 rows containing missing values or values outside the scale range
## (`geom_bar()`).
```

Utterances, Gestures, and Iconic Gestures during Pretend Play per Participant



Bar graph of All Gestures and Iconic Gestures data

```
## Warning: Removed 10 rows containing missing values or values outside the scale range
## (`geom_bar()`).
```



Bar graph of All Gestures and Representational Gestures data

```
## Warning: Removed 10 rows containing missing values or values outside the scale range
## (`geom_bar()`).
```