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Supplementary material

Abstract: The following data come from our analyses of Malakoff's spontaneous speech corpora. The set includes 28 typically developed (TD) children and 46 children exposed to cocaine and other drugs in utero.

Here we present three tables:
1. Network measures
2. Types of syntactic relations of typically developed children
3. Types of syntactic relations of PCE children

1. Network measures

PCE	n	C (directed network)	L (directed network)	<k> (directed network)	Connected components	Diameter (directed network)	Isolates	N. of edges GCC	N. of connected nodes GCC	N. of words in graph
No	1	0,000	1,255	2,000	2,000	2,000	4	19	18	24
No	2	0,004	1,547	2,143	2,000	4,000	3	46	42	47
No	3	0,042	1,493	2,118	4,000	3,000	6	18	17	40
No	4	0,000	1,412	1,600	3,000	3,000	3	4	5	13
No	5	-	0,000	0,000	0,000	-	11	0	0	11
No	6	-	-	-	1,000	-	11	1	2	13
No	7	-	-	-	1,000	-	8	1	2	10
No	8	0,000	1,000	1,600	5,000	1,000	15	4	5	29
No	9	0,016	1,385	2,000	4,000	3,000	13	17	17	38
No	10	0,000	1,081	2,000	5,000	2,000	10	16	16	41
No	11	0,000	1,473	1,750	3,000	3,000	31	7	8	45
No	12	0,000	1,190	1,667	3,000	2,000	11	5	6	24
No	13	0,000	1,000	1,667	1,000	1,000	8	5	6	14
No	14	0,000	1,313	1,667	6,000	2,000	10	5	6	30
No	15	0,000	1,386	1,778	1,000	3,000	1	9	9	10
No	16	0,000	1,101	1,846	4,000	2,000	28	12	13	50
No	17	0,014	1,629	2,000	3,000	4,000	14	21	21	40
No	18	0,000	1,495	2,000	4,000	3,000	5	17	17	28
No	19	0,000	1,235	1,600	5,000	2,000	5	4	5	21
No	20	0,000	1,000	1,500	4,000	1,000	13	3	4	25
No	21	-	-	-	4,000	-	4	2	3	14
No	22	0,000	1,156	1,750	3,000	2,000	10	7	8	22
No	23	0,000	1,115	1,778	4,000	2,000	9	8	9	25
No	24	0,000	1,214	1,800	9,000	2,000	11	9	10	42
No	25	0,027	1,280	2,053	3,000	4,000	38	40	38	82
No	26	0,000	1,000	1,500	5,000	1,000	16	3	4	29
No	27	-	-	-	2,000	-	25	2	3	30

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No	28	-	-	-	8,000	-	14	2	3	33
Yes	29	0,000	1,238	1,667	4,000	2,000	7	5	6	22
Yes	30	-	-	-	0,000	-	7	0	0	7
Yes	31	0,000	1,583	1,600	3,000	3,000	13	4	5	24
Yes	32	-	-	-	2,000	-	12	2	3	17
Yes	33	-	-	-	0,000	-	2	0	0	2
Yes	34	0,000	1,219	1,714	4,000	2,000	6	6	7	25
Yes	35	0,000	1,091	2,000	5,000	2,000	5	10	10	27
Yes	36	0,000	1,333	1,750	5,000	3,000	9	7	8	27
Yes	37	0,000	1,000	1,600	4,000	1,000	11	4	5	24
Yes	38	-	-	-	2,000	-	2	1	2	6
Yes	39	0,000	1,000	1,600	4,000	1,000	15	4	5	29
Yes	40	0,000	1,443	1,857	3,000	2,000	9	13	14	29
Yes	41	-	-	-	3,000	-	9	2	3	16
Yes	42	0,000	1,210	1,818	3,000	2,000	30	10	11	46
Yes	43	0,094	1,468	2,235	2,000	3,000	18	19	17	38
Yes	44	0,008	1,229	2,294	4,000	3,000	29	39	34	69
Yes	45	-	-	-	2,000	-	17	1	2	21
Yes	46	0,000	1,375	1,600	2,000	2,000	8	4	5	17
Yes	47	-	-	-	0,000	-	0	0	0	6
Yes	48	0,000	1,200	1,667	3,000	2,000	14	5	6	27
Yes	49	-	-	-	4,000	-	8	2	3	18
Yes	50	0,000	1,410	1,714	5,000	2,000	21	7	7	40
Yes	51	-	-	-	1,000	-	8	2	3	11
Yes	52	0,000	1,308	1,500	4,000	2,000	8	3	4	20
Yes	53	0,000	1,687	2,000	3,000	4,000	29	26	26	59
Yes	54	0,000	1,282	1,818	2,000	2,000	6	10	11	20
Yes	55	-	-	-	0,000	-	7	0	0	7
Yes	56	-	-	-	0,000	-	12	0	0	12
Yes	57	-	-	-	0,000	-	8	0	0	8
Yes	58	-	-	-	3,000	-	9	1	2	15
Yes	59	-	-	-	1,000	-	14	2	3	17
Yes	60	0,014	1,078	2,125	4,000	2,000	20	17	16	43
Yes	61	0,000	1,000	1,600	2,000	1,000	9	4	5	17
Yes	62	-	-	-	4,000	-	11	2	3	21
Yes	63	-	-	-	1,000	-	6	2	3	9
Yes	64	-	-	-	3,000	-	8	2	3	16
Yes	65	-	-	-	3,000	-	21	2	3	28
Yes	66	-	-	-	1,000	-	7	1	2	9
Yes	67	-	-	-	4,000	-	18	1	2	26
Yes	68	0,019	1,720	2,375	3,000	4,000	8	39	32	44
Yes	69	-	-	-	0,000	-	5	0	0	5
Yes	70	0,000	1,000	1,667	5,000	1,000	7	5	6	22
Yes	71	0,000	1,250	1,500	5,000	2,000	8	3	4	23

Yes	72	0,000	1,000	1,750	6,000	1,000	17	7	8	39
Yes	73	0,035	1,108	2,182	4,000	2,000	12	12	11	39
Yes	74	-	-	-	0,000	-	10	0	0	10

2. Types of syntactic relations of typically developed children

Participant	Age	Subject	Complement	Modifier	Attribute	Object
1	26	6	6	3	0	8
2	25	15	16	12	11	9
3	24	10	10	9	0	6
4	25	1	4	0	1	1
5	25	0	0	0	0	0
6	24	0	1	0	0	0
7	23	0	1	0	0	0
8	23	2	4	2	1	0
9	23	6	8	4	4	2
10	23	7	4	6	2	7
11	24	2	4	2	1	2
12	24	1	3	1	0	5
13	24	2	1	0	1	1
14	26	4	4	2	2	2
15	24	3	1	2	2	1
16	24	8	3	5	2	3
17	25	6	8	5	1	5
18	24	6	4	3	3	7
19	24	3	3	1	1	4
20	24	2	2	3	0	1
21	23	1	1	1	0	4
22	24	4	3	2	0	1
23	24	1	7	3	0	3
24	24	6	5	6	3	3
25	25	18	11	8	11	5
26	23	3	4	0	0	1
27	24	0	2	0	0	1
28	24	2	3	3	0	3
Mdn.		4,25	4,39	2,96	1,64	3,03

3. Types of syntactic relations of PCE children

Participant	Age	Subject	Complement	Modifier	Attribute	Object
29	24	5	1	1	1	4
30	23	0	0	0	0	0
31	24	1	4	2	0	1
32	24	2	1	0	0	1
33	24	0	0	0	0	0

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34	25	4	2	4	1	2
35	25	6	6	3	3	2
36	24	4	4	3	1	2
37	24	3	1	0	1	2
38	24	1	1	0	0	0
39	24	4	0	1	1	4
40	24	3	13	0	1	2
41	23	1	2	0	0	1
42	24	5	4	1	2	1
43	24	7	6	1	1	7
44	24	14	12	11	0	15
45	24	0	0	2	0	0
46	23	3	2	1	0	1
47	24	0	0	0	0	0
48	25	2	2	4	1	1
49	24	2	1	0	1	2
50	25	2	8	3	1	1
51	24	0	1	0	0	1
52	26	1	2	4	0	1
53	24	6	10	10	0	4
54	26	4	2	3	1	2
55	24	0	0	0	0	0
56	25	0	0	0	0	0
57	25	0	0	0	0	0
58	24	0	0	1	0	2
59	23	1	0	0	1	0
60	23	4	9	4	2	3
61	24	2	2	0	1	2
62	23	0	2	1	0	3
63	24	1	1	0	0	0
64	25	2	0	0	1	2
65	25	2	2	0	0	0
66	25	3	0	0	0	0
67	24	1	2	1	0	0
68	24	12	12	9	1	14
69	25	0	0	0	0	0
70	24	3	5	1	1	1
71	24	2	2	4	0	2
72	24	3	5	3	1	5
73	24	9	9	5	0	4
74	25	0	0	0	0	0