

Table1. Characteristics of the clusters

Cluster no.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
n	195	6	16	2	80	262	21	38	11	6	195	10	168	32	193	52	63	11	11	126	14	17	14	11	36	2	1	19	4	39	12	70	5	91	62	83	25	32	27
DCDQ, mean																																							
Control during movement subscale score	16.3	17.7	15.8	16.5	19.2	24.1	14.5	15.6	17.8	20.5	12.6	12.7	18.3	18.1	10.8	13.2	13.3	20.6	18.5	12.3	16.4	15.7	16.9	20	20.3	10.5	16	12.1	20.2	17.4	14	15.6	21.8	18.3	17.6	15.8	14.6	18.2	17.4
Fine motor/handwriting subscale score	8.9	10.3	8.6	5	11.7	15.1	10.1	6.7	8.5	9	5.5	8.6	11.8	11.4	5.8	7.6	7.5	11.5	10.3	8.4	10.1	7.6	8.7	10.5	12.9	8	12	9.4	9.5	8.5	7.1	8.2	12.4	11.2	11.4	8.2	7.4	7.4	8.8
General Coordination subscale score	11.2	11	11.1	12	11.4	16.8	9.1	8.4	10.6	11.2	9.7	8.2	12.2	13.4	7.8	8	8.2	10.1	13.3	7.6	9.4	11.6	11	14.5	12.2	7	11	7.9	12.8	10	10.8	10	14.8	11.9	10.5	8	8.4	11.5	9.7
Total score	36.5	39	35.5	33.5	42.5	56	33.5	30.6	36.9	40.8	27.8	29.5	42.4	42.9	24.3	28.8	28.7	42.3	42.4	28.2	35.9	34.9	36.6	45	45.5	25.5	39	29.4	42.5	35.9	32.5	33.8	49	41.3	39.6	32	30.5	37.5	36.6
RBS-R, mean																																							
Stereotyped behavior subscale score	10.1	5	6.6	3.5	7.7	3	4.9	6.5	6.3	4.7	6.1	5.5	2.9	4	8.8	2.3	2.9	5.9	4	6.3	5.6	7.4	5.3	4.9	3.8	6.5	10	5.1	6.2	4.9	7.2	5.1	4.2	5.4	6.3	4.8	3.7	7.4	5.3
Self-injurious behavior subscale score	8.6	6.2	0.6	0	6.4	1.3	1.7	6.7	0.5	1.7	2.7	5.1	1.5	1	5.1	2.3	1.5	4.5	1.5	4.4	1.5	2.4	1.4	0.8	1.9	1	4	1.4	3.5	1.8	5.6	2.8	3.2	1.9	3	4.7	2.7	2.4	3.9
Compulsive behavior subscale score	11.3	4.2	4.6	2	7.6	2.4	4.9	6.1	8.3	4.2	3.4	2.8	2.3	5.4	9.2	2	4.1	4.4	5.6	6.4	3.9	6.5	5.6	5.4	3.2	8.5	0	3.1	3.5	4.6	6.4	3	5.2	4.5	6.1	3.3	3.5	8.6	4.3
Ritualistic behavior subscale score	10.8	6	6.9	1.5	9	2.9	5	8.8	7.5	8	2.6	6.1	3	6.3	9.5	3.3	6.3	6.5	6	8	6.1	9.8	9.1	6.5	4.4	8	6	6	5.5	5.8	7	3.6	8.8	5	7.2	4.7	6.4	9.1	6
Sameness behavior subscale score	18.2	7.7	7.5	3.5	15.8	4	7.2	14.2	10.2	10.2	4.7	7.8	4.1	9.1	16.7	5.8	9.3	10.2	9.4	12.3	7.9	12.5	9.9	8.2	7.1	11.5	13	5.7	7.2	7.7	11.9	5.1	11.8	6.8	11.4	7.7	7.5	13.9	8.9
Restricted behavior subscale score	7.5	3.8	3.9	2.5	6.2	2	3.7	6.7	6.3	3.2	3.8	3.8	2	4.3	6.7	2.8	3.1	4.7	3.5	4.8	2.5	3.4	3.6	4.7	3.1	5.5	6	2.9	5	4.7	5.7	4	4.4	3.9	4.6	3.4	3.4	7.2	5.6
Total score	66.6	32.8	30.1	13	52.7	15.7	27.5	49	39	31.8	23.4	31.1	15.7	30.2	56	18.4	27.2	36.1	30	42.2	27.6	41.9	34.9	30.5	23.7	41	39	24.1	31	29.6	43.8	23.6	37.6	27.5	38.7	28.6	27.2	48.6	33.8
SCQ, mean																																							
Total score	27	22.8	20	24	23.9	17.8	22.5	27.6	24.4	27.7	23.6	27	14.1	18.6	29.6	21.7	19.7	22.5	24.3	27.1	26.1	22.6	21.8	26.5	26.6	25	23	16.5	32	24.2	23.3	23.3	26.4	19.7	18.7	25	15.8	24.8	20.8
Basic screening, %																																							
Premature birth	12.8	33.3	0	0	10	8	4.8	13.5	0	0	9.7	50	6.5	25	18.2	3.9	17.7	0	9.1	22.2	7.1	17.6	21.4	9.1	27.8	0	0	15.8	50	15.4	0	5.7	0	7.7	6.5	10.8	12	21.9	33.3
Macrocephaly	6.7	0	0	0	0	2.3	0	5.4	9.1	0	7.2	0	1.2	0	7.3	5.9	8.1	0	0	3.2	0	0	0	0	2.8	0	0	5.3	0	5.1	8.3	4.3	0	1.1	0	2.4	0	3.1	3.7
Seizure disorder or epilepsy	6.2	16.7	0	0	1.2	3.4	0	10.8	0	0	7.2	20	2.4	0	12	2	3.2	9.1	9.1	7.1	7.1	0	0	0	5.6	50	0	0	0	2.6	0	4.3	0	1.1	1.6	4.8	4	9.4	11.1
Dominant hand, %																																							
Either or both	24.7	16.7	31.2	0	12.5	9.2	4.8	28.9	18.2	0	28.1	10	13.1	9.4	21.8	3.8	4.8	9.1	0	15.9	0	5.9	7.1	18.2	0	0	0	26.3	0	2.6	45.5	21.4	0	17.6	17.7	7.2	16	21.9	7.4
Left	11.3	0	18.8	0	5	9.2	0	15.8	18.2	16.7	18.2	30	14.3	28.1	18.7	9.6	9.5	18.2	27.3	11.1	0	11.8	7.1	9.1	5.6	50	0	5.3	0	20.5	36.4	15.7	0	12.1	14.5	3.6	8	18.8	14.8
Right	63.9	83.3	50	100	82.5	81.7	95.2	55.3	63.6	83.3	53.6	60	72.6	62.5	59.6	86.5	85.7	72.7	72.7	73	100	82.4	85.7	72.7	94.4	50	100	68.4	100	76.9	18.2	62.9	100	70.3	67.7	89.2	76	59.4	77.8
Intervention, %																																							
Medication	49.7	50	6.2	100	63.7	45.4	33.3	78.9	18.2	100	32.8	100	44	56.2	65.8	78.8	74.6	72.7	54.5	69	50	47.1	35.7	45.5	83.3	0	100	57.9	50	66.7	33.3	22.9	100	25.3	30.6	81.9	72	68.8	81.5
Biomedical	26.7	33.3	12.5	0	32.5	20.6	4.8	26.3	0	83.3	27.2	0	13.1	31.2	31.6	11.5	27	36.4	9.1	23	35.7	47.1	42.9	18.2	30.6	0	0	5.3	25	15.4	8.3	20	60	11	19.4	30.1	12	40.6	18.5
Intensive behavioral	52.8	33.3	37.5	50	41.2	39.7	14.3	44.7	27.3	50	51.3	0	34.5	21.9	52.8	30.8	25.4	81.8	54.5	31	42.9	64.7	57.1	54.5	50	50	0	47.4	50	23.1	58.3	55.7	100	37.4	30.6	36.1	48	40.6	33.3

DCDQ: the developmental coordination disorder questionnaire, RBS-R: repetitive behavior scale-revised, SCQ: social communication questionnaire, SD: standerd deviation, NA: not applicable.