

## Supplementary Material

### Evaluation using polar coordinate of the representation of movement in the drawing of children aged 5 to 8 years

**Table S1. Indicators of graphic representation of movement with very significant relationships ( $P < 0.001$ ) between focal and conditione behavior.**

5 AGE									
Character Rabbit	Macrocategory	Category	Focal behavior	Conditioned behavior	Significant vectors				
					Quadrant	Length	Angle	Significance	
		Estatic	Vertical-front	1_evfcf	3_evfbcr	I	2,87	85,62	**
2_evfbc					III	2,76	268,34	**	
2_evfbc				1_ehpcfpi	I	2,76	1,66	**	
				2_ehpcfpi	I	2,76	1,66	**	
				1_evfcf	III	2,76	181,66	**	
				4_evfpj	III	2,76	181,66	**	
3_evfbcr				1_evfcf	I	2,87	4,38	**	
				4_evfpj	I	2,87	4,38	**	
				8_evfor	I	3,41	7,99	**	
				1_ehpcfpi	III	2,87	184,38	**	
				2_ehpcfpi	III	2,87	184,38	**	
				6_evfpf	IV	3,67	348,97	**	
4_evfpj				3_evfbcr	I	2,87	85,62	**	
				2_evfbc	III	2,76	268,34	**	
				3_evfbcr	II	3,67	101,03	**	
8_evfor				3_evfbcr	I	3,41	82,01	**	
Horizontal Face Front Profile			1_ehpcfpi	2_evfbc	I	2,76	88,34	**	
				3_evfbcr	III	2,87	265,62	**	
			2_ehpcfpi	2_evfbc	I	2,76	88,34	**	
				3_evfbcr	III	2,87	265,62	**	
			3_ehpcffor	2_evfbc	I	2,76	88,34	**	
				3_evfbcr	III	2,87	265,62	**	
Indication									
Movement		Vertical-Front	1_mvfcpi	2_mvptr	II	2,6	110,55	**	
				5_mvfpdi	IV	2,82	320,72	**	
			2_mvfbdi	1_mvptbed	I	3,64	11,52	**	
				2_mvptr	I	3,23	19,11	**	
				4_mvfpis	III	2,81	266,9	**	
				5_mvfpdi	III	3,27	208,46	**	
			4_mvfpis	2_mvptr	II	2,65	120,38	**	
				2_mvfbdi	III	2,81	183,1	**	
				5_mvfpdi	IV	2,83	329,85	**	
				6_mvfpdi	IV	3,71	342,14	**	
				7_mvfpdi	IV	2,98	337,55	**	

			5_mvfped	7_mvfmfp	I	2,65	37,4	**	
				1_mvfcfp	II	2,82	129,28	**	
				4_mvffps	II	2,83	120,15	**	
				2_mvffbed	III	3,27	241,54	**	
			6_mvffpea	4_mvffps	II	3,71	107,86	**	
			7_mvfmfp	5_mvffped	I	2,65	52,6	**	
				10_mvffppe	I	2,75	30,58	**	
				4_mvffps	II	2,98	112,45	**	
			10_mvffppe	7_mvfmfp	I	2,75	59,42	**	
			11_mvffba	1_mvffptbed	I	3,11	77,17	**	
		Complete Vertical Profile	1_mvffptbed	2_mvffbed	I	3,64	78,48	**	
				8_mvffpc	IV	2,76	350,94	**	
				12_mvffba	IV	3,1	356,06	**	
			2_mvffptr	2_mvffbed	I	3,23	70,89	**	
				1_mvffcp	IV	2,6	339,45	**	
				4_mvffps	IV	2,65	329,62	**	
Character Wolf	Macrocategory	Category	Focal behavior	Conditioned behavior	Significant vectors				
					Quadrant	Length	Angle	Significance	
	Estatic								
	Indication	Horizontal Face Front Profile	1_ihptice	2-ihpcficecg	IV	3,01	293,48	**	
	Movement	Vertical-front	1_mvffcp	3_mvffbea	I	2,6	114,35	**	
				8_mvffpc	II	2,62	320,72	**	
				1_mvffptbed	II	2,65	114,35	**	
				2_mvffptr	II	2,65	114,35	**	
				1_mhpcfpppe	I	3,08	4,98	**	
				2_mhpcfca	III	2,81	244,94	**	
				1_mhptr	II	2,74	113,26	**	
			3_mvffbea	1_mvffcp	I	2,6	87,83	**	
				4_mvffps	II	4,21	106,94	**	
				7_mvfmfp	IV	2,88	338,14	**	
				1_mhpcfpppe	I	3,84	51,08	**	
			4_mvffps	3_mvffbea	IV	4,21	343,06	**	
				1_mhpcfpppe	IV	2,64	328,89	**	
			5_mvffped	2_mhpcfca	I	2,67	63,36	**	
			7_mvfmfp	3_mvffbea	II	2,88	11,86	**	
				2_mhpcfca	IV	3,64	333,51	**	
			8_mvffpc	1_mvffcp	IV	2,62	335,65	**	
		Complete Vertical Profile	2_mvffptr	1_mvffcp	IV	2,65	335,92	**	
				8_mvffpc	IV	2,76	350,94	**	
				12_mvffba	IV	3,1	356,06	**	
		Horizontal Face Front Profile	1_mhpcfpppe	1_mvffcp	I	3,08	85,02	**	
				3_mvffbea	I	3,84	38,92	**	
				4_mvffps	II	2,64	121,11	**	

			2_mhpcfca	1_mvfcfcp	III	2,81	205,06	**
				5_mvfpced	I	2,67	26,64	**
				7_mvffmp	II	3,64	116,49	**
		Complete Horizontal Profile	1_mhptr	IV	2,74	336,74	**	
			2_mhptca	IV	2,65	329,72	**	
			2_mhpcfca	II	3,11	90,04	**	
6 AGE								
Character Rabbit	Macrocategory	Category	Focal behavior	Conditioned behavior	Significant vectors			
					Quadrant	Length	Angle	Significance
	Estatic							
	Indication		ivficecg	Frente1_ivficecg	I	3,56	45	**
	Movement							
Character Wolf	Macrocategory	Category	Focal behavior	Conditioned behavior	Significant vectors			
					Quadrant	Length	Angle	Significance
	Estatic	Vertical-front	vfbc	2_vfbc	I	3,05	56,97	**
			vfpb	2_vfbc	I	2,98	90	**
	Indication							
	Movement	Vertical-front	mvfcfcp	2_mvptbea	I	2,98	65,56	**
			mvfbcd	3_mhpcfpea	II	2,98	101,42	**
				5_mhpcffpc	II	2,98	101,42	**
				mvffbc	5_mhptfpc	I	4,24	90
				10_mhptca	II	2,87	94,75	**
			mvffpa	3_mhpcfpea	II	3,18	95,5	**
			5_mhpcffpc	II	3,18	95,5	**	
		Vertical Face Front Profile	mvpcffba	5_mhptfpc	I	4,24	90	**
				10_mhptca	II	2,87	94,75	**
Complete Vertical Profile		mvptbed	10_mhptca	IV	3,02	351,74	**	
	mvptbea	1_mvfcfcp	I	2,98	24,44	**		
		Horizontal Face Front Profile	mhpcfped	9_mhpcfcoa	I	4,2	56,86	**
				3_mhptpea	II	3,54	98,05	**
			mhpcfpea	2_mvfbcd	IV	2,98	348,58	**
				11_mvffpa	IV	3,18	354,5	**
			mhpcffpc	2_mvfbcd	IV	2,98	348,58	**
				11_mvffpa	IV	3,18	354,5	**
			mhpcfcoa	2_mhpcfped	I	4,2	33,14	**
				9_mhpcfcoa	I	6,68	45	**
				3_mhptpea	I	4,82	75,63	**
		8_mhptr		IV	3,62	350,03	**	
		Complete horinzontal Profile	mhptpea	2_mhpcfped	IV	3,54	351,95	**
				9_mhpcfcoa	I	4,82	14,37	**
			mhptfpc	2_mvffbc	I	3,67	90	**
			mhptr	9_mhpcfcoa	II	3,62	99,97	**
			mhptca	1_mvptbed	II	3,02	98,26	**

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Character Rabbit	Macrocategory	Category	Focal behavior	Conditioned behavior	Significant vectors			
					Quadrant	Length	Angle	Significance
	Estatic							
	Indication							
Character Rabbit	Movement	Vertical-front	1_mvfcfcp	2_mvpcfps	II	2,64	97,58	**
				8_mhptoa	IV	2,64	352,42	**
			3_mvfbca	3_mvfbca	I	2,68	45	**
				2_mhpcffpc	I	3,06	24,01	**
			4_mvffba	6_mvfped	IV	3,03	342,98	**
				4_mvffba	II	3,03	107,02	**
			6_mvfped	6_mvfped	I	2,89	45	**
				2_mvptfbc	II	2,94	102,16	**
			8_mvfppe	2_mvptfbc	IV	3,31	342,76	**
		Vertical Face Front Profile	2_mvpcfps	1_mvfcfcp	IV	2,64	352,42	**
				6_mvfped	I	3,18	68,29	**
			4_mvpcffpc	6_mvpcffpa	IV	2,76	349,59	**
				6_mvfped	I	2,94	82,01	**
			6_mvpcffpa	4_mvpcffpc	II	2,76	100,41	**
				6_mvfped	I	4,32	76,19	**
		Complete Vertical Profile	2_mvptfbc	6_mvfped	IV	2,94	347,84	**
				8_mvfppe	II	3,31	107,24	**
		Horizontal Face Front Profile	1_mhpcfped	3_mhptpea	II	2,7	100,65	**
			2_mhpcffpc	3_mvfbca	I	3,06	65,99	**
				3_mhptpea	II	2,71	97,4	**
			3_mhpcfppe	3_mhptpea	II	2,7	100,65	**
		Complete horinzontal Profile	3_mhptpea	1_mhpcfped	IV	2,7	349,35	**
				2_mhpcffpc	IV	2,71	352,6	**
				3_mhpcfppe	IV	2,7	349,35	**
				8_mhptoa	II	2,64	97,58	**
			8_mhptoa	3_mhptpea	IV	2,64	352,42	**
Character Rabbit	Macrocategory	Category	Focal behavior	Conditioned behavior	Significant vectors			
					Quadrant	Length	Angle	Significance
	Estatic							
	Indication							
	Movement	Vertical Face Front Profile	2_mvptfbc	3_mhpcfppe	IV	2,67	345,12	**
				6_mhptca	I	2,82	85,97	**
			4_mvptped	3_mhpcfppe	IV	2,67	245,12	**
				6_mhptca	I	2,82	85,97	**
		Horizontal Face Front Profile	2_mhpcffpc	3_mhpcfppe	IV	2,71	345,34	**
				2_mvptfbc	II	2,67	104,88	**
			3_mhpcfppe	4_mvptped	II	2,67	104,88	**
				2_mhpcffpc	II	2,71	104,66	**

		Complete horinzontal Profile	4_mhptfpa	2_mvptfbc	IV	3,28	354,88	**	
				4_mvptped	IV	3,28	354,88	**	
			6_mhptca	2_mvptfbc	I	2,82	4,03	**	
				4_mvptped	I	2,82	4,03	**	
			7_mhptfba	2_mvptfbc	IV	3,28	354,88	**	
				4_mvptped	IV	3,28	354,88	**	
8 AGE									
Character Rabbitt	Macrocategory	Category	Focal behavior	Conditioned behavior	Significant vectors				
					Quadrant	Length	Angle	Significance	
	Estatic								
	Indication								
	Movement	Vertical-front	3_mvfbca	4_mvffbba	I	2,7	20,79	**	
				8_mvptfpa	IV	3,23	319,15	**	
			4_mvffbba	3_mvfbca	I	3,39	72,88	**	
				4_mvffbba	IV	3,45	356,1	**	
				5_mvpcfpe	IV	3,31	350,29	**	
				8_mvptfpa	IV	3,2	336,66	**	
				5_mvfps	2_mhpcfped	I	3,02	56,35	**
			4_mhpcfpe		I	3,02	56,35	**	
			6_mvfped	2_mhpcfped	I	3,32	53,67	**	
				4_mhpcfpe	I	3,32	53,67	**	
			7_mvfbca	1_mhpcfps	II	2,79	121,2	**	
		Vertical Face Front Profile	1_mvpcfpe	4_mvffbba	II	3,1	101,55	**	
		Complete Vertical Profile	2_mvptfbc	4_mhptfpa	IV	2,87	341,88	**	
				7_mvptfba	6_mvpcfba	I	2,71	25,33	**
			9_mvptpea	9_mvptpea	I	3,46	9,16	**	
				8_mvptfpa	3_mvfbca	II	2,7	130,85	**
				9_mvptpea	7_mvptfba	I	3,46	80,84	**
		Horizontal Face Front Profile	1_mhpcfps	7_mvfbca	IV	2,79	328,8	**	
			2_mhpcfped	5_mvfps	I	3,02	33,65	**	
				6_mvfped	I	3,32	36,33	**	
			4_mhpcfpe	6_mvfped	I	2,78	45,03	**	
		Complete horinzontal Profile	4_mhptfpa	2_mvptfbc	II	2,82	104,6	**	
Character Wolf	Macrocategory	Category	Focal behavior	Conditioned behavior	Significant vectors				
					Quadrant	Length	Angle	Significance	
	Estatic								
	Indication								
	Movement	Vertical-front	1_mvfbca	5_mvfps	IV	3,19	349,45	**	
				2_mvptfbc	IV	3,26	349,67	**	
				6_mhpcfbc	IV	3,15	349,33	**	
			4_mvffbba	1_mhptps	I	3,81	61,08	**	

				6_mhptca	I		3,12	70,93	**		
			5_mvfps	1_mvfcf	II		3,19	100,55	**		
				2_mvptfbc	II		2,89	96,56	**		
				1_mhpcfyps	IV		2,82	338,95	**		
				2_mhpcfped	IV		3,05	342,19	**		
				6_mhpcfbc	IV		2,92	353,51	**		
			6_mvfped	7_mvptfba	II		2,66	104,67	**		
				8_mvptfpa	II		2,73	110,9	**		
				1_mhpcfyps	IV		3,21	33,25	**		
				2_mhpcfped	IV		2,67	329,96	**		
			7_mvfpca	7_mvptfba	II		4,1	96,6	**		
				8_mvptfpa	II		2,69	104,67	**		
		Complete Vertical Profile	2_mvptfbc	1_mvfcf	II		3,26	100,33	**		
				5_mvfps	IV		2,89	353,44	**		
				6_mhpcfbc	IV		2,85	353,37	**		
			5_mvptfpc	2_mhptped	IV		2,89	322,06	**		
			6_mvptca	7_mhptfba	IV		2,62	345,08	**		
			7_mvptfba	6_mvfped	IV		2,66	345,33	**		
				7_mvfpca	IV		4,1	353,4	**		
							1_mhptps	I		3,22	45,96
		8_mvptfpa				6_mvfped	IV		2,73	339,1	**
		7_mvfpca				IV		2,69	345,33	**	
		9_mvptpca			4_mhpcfpcpe	I		3,19	8,78	**	
		Horizontal Face Front Profile			1_mhpcfyps	5_mvfps	II		2,82	111,05	**
	6_mvfped					II		3,21	116,75	**	
	2_mhpcfped				5_mvfps	II		2,82	111,05	**	
					6_mvfped	II		3,21	116,75	**	
	4_mhpcfpcpe				9_mvptpca	I		3,19	81,22	**	
				2_mhptped	IV		3	312,8	**		
	6_mhpcfbc			1_mvfcf	II		3,15	100,67	**		
				5_mvfps	II		2,92	96,49	**		
		2_mvptfbc		II		2,85	96,63	**			
	Complete horizontal Profile	1_mhptps		4_mvffba	I		3,9	24,69	**		
				7_mvptfba	I		3,22	44,04	**		
				1_mhptps	I		6,07	45	**		
				6_mhptca	I		4,91	46,4	**		
		2_mhptped		5_mvptfpc	II		2,89	127,94	**		
				4_mhpcfpcpe	II		3	137,2	**		
		4_mhptfpa		4_mhptfpa	III		2,66	225	**		
		6_mhptca		4_mvffba	I		3,24	14,97	**		
				1_mhptps	I		4,91	43,6	**		
				6_mhptca	I		2,76	45	**		
		7_mhptfba		6_mvptca	II		2,62	104,92	**		
		7_mhptfbc		1_mhptps	III		1	0,62	**		
	6_mhptca			III		3,34	232,1	**			

Figure S1. Examples of drawings made by children in the three macrocategories of study: (a) static; (b) indication; (c) movement.

