

# Supplementary Material

Developmental Trajectory of Height, Weight, and BMI in Children and Adolescents at Risk for Huntington's Disease: Effect of *mHTT* on Growth

Supplementary Table 1A. Demographics by age

<i>age</i>	<i>GE</i>	<i>GNE</i>
	<i>Number of individuals</i>	<i>Number of individuals</i>
6	7	11
7	5	8
8	8	12
9	14	12
10	6	14
11	6	16
12	13	8
13	13	19
14	4	14
15	22	23
16	10	18
17	12	12
18	12	16
<b>TOTAL</b>	<b>132</b>	<b>183</b>

Supplementary Table 1B. Samples by age groups

Age Group	<i>GE</i>		<i>GNE</i>	
	<i>N (% of Sample)</i>	<i>Total Motor Score Mean (s.d.)</i>	<i>N (% of Sample)</i>	<i>Total Motor Score Mean (s.d.)</i>
6-12 years old	59 (45%)	1.81 (3.33)	81 (45%)	1.92 (3.19)
13-18 years old	73 (55%)	0.57 (1.19)	102 (55%)	0.83 (2.16)
<b>TOTAL</b>		<b>132</b>		<b>183</b>

**Supplementary Table 2A. GE group by age and CAG repeat length**

<i>age</i>	<i>GE</i>	<i>Median CAG</i>	<i>CAG Range</i>
6	7	45.0	36-51
7	5	43.0	41-51
8	8	44.5	43-51
9	14	44.5	39-58
10	6	50.5	44-58
11	6	42.5	39-48
12	13	44.0	40-55
13	13	42.0	38-50
14	4	48.0	41-50
15	22	42.0	38-50
16	10	42.0	38-48
17	12	42.0	38-50
18	12	42.0	38-48
<b>TOTAL</b>	<b>132</b>	<b>43.0</b>	<b>36-58</b>

**Table 2B. GE group by age group**

<b>Age Group</b>	<b>CAG Repeat Median (Range)</b>
6-12 years old	45.0 (36-58)
13-18 years old	42.0 (38-50)

**Table 2C. GE group by CAG group**

<b>CAG range</b>	<b>N</b>	<b>% of Sample</b>
36-39	12	9%
40-45	70	53%
46-49	39	30%
50-54	7	5%
55-58	4	3%

**Supplementary Table 3. Height differences across group and age in males**

<i>age</i>	<i>Estimate</i>	<i>Std. Error</i>	<i>df</i>	<i>t value</i>	<i>lower</i>	<i>upper</i>	<i>Pr(&gt; t )</i>
6	2.428	1.802	243.975	1.347	-1.122	5.978	0.179
7	2.662	1.694	233.549	1.572	-0.675	6	0.117
8	2.896	1.597	221.729	1.813	-0.251	6.044	0.0711
9	3.13	1.514	209.333	2.068	0.146	6.115	0.0399
10	3.365	1.446	197.632	2.326	0.513	6.217	0.021
11	3.599	1.397	188.147	2.576	0.843	6.354	0.0108
12	3.833	1.368	182.31	2.803	1.135	6.531	0.00561
13	4.067	1.36	181.157	2.991	1.384	6.75	0.00316
14	4.301	1.373	185.135	3.132	1.592	7.011	0.00202
15	4.535	1.408	194.023	3.22	1.758	7.313	0.0015
16	4.769	1.463	206.952	3.26	1.885	7.654	0.0013
17	5.004	1.535	222.525	3.259	1.978	8.029	0.00129
18	5.238	1.622	239.093	3.228	2.042	8.434	0.00142

**Supplementary Table 4. Height differences across group and age in females**

<i>age</i>	<i>Estimate</i>	<i>Std. Error</i>	<i>df</i>	<i>t value</i>	<i>lower</i>	<i>upper</i>	<i>Pr(&gt; t )</i>
6	-1.047	1.671	244.668	-0.626	-4.339	2.245	0.532
7	-0.813	1.551	235.428	-0.524	-3.868	2.243	0.601
8	-0.578	1.441	224.159	-0.401	-3.418	2.261	0.689
9	-0.344	1.345	211.317	-0.256	-2.995	2.306	0.798
10	-0.11	1.264	198.113	-0.087	-2.603	2.383	0.931
11	0.124	1.203	186.496	0.103	-2.25	2.498	0.918
12	0.358	1.165	178.717	0.307	-1.941	2.657	0.759
13	0.592	1.151	176.672	0.514	-1.68	2.865	0.608
14	0.826	1.164	181.353	0.71	-1.469	3.122	0.478
15	1.061	1.201	192.569	0.883	-1.307	3.428	0.378
16	1.295	1.26	208.935	1.027	-1.19	3.779	0.305
17	1.529	1.34	228.156	1.141	-1.111	4.169	0.255
18	1.763	1.435	247.67	1.228	-1.064	4.59	0.221

**Supplementary Table 5. Weight differences across group and age in males**

<i>age</i>	<i>Estimate</i>	<i>Std. Error</i>	<i>df</i>	<i>t value</i>	<i>lower</i>	<i>upper</i>	<i>Pr(&gt; t )</i>
6	5.981	3.878	241.898	1.542	-1.657	13.619	0.124
7	5.204	3.678	230.485	1.415	-2.043	12.451	0.158
8	4.428	3.501	217.925	1.265	-2.473	11.328	0.207
9	3.651	3.351	205.315	1.09	-2.955	10.257	0.277
10	2.874	3.23	194.013	0.89	-3.496	9.244	0.375
11	2.097	3.143	185.382	0.667	-4.103	8.297	0.505
12	1.32	3.092	180.549	0.427	-4.78	7.421	0.67
13	0.544	3.079	180.271	0.177	-5.531	6.618	0.86
14	-0.233	3.104	184.876	-0.075	-6.357	5.891	0.94
15	-1.01	3.167	194.234	-0.319	-7.256	5.236	0.75
16	-1.787	3.266	207.712	-0.547	-8.225	4.651	0.585
17	-2.564	3.396	224.174	-0.755	-9.256	4.129	0.451
18	-3.34	3.556	242.077	-0.939	-10.345	3.664	0.348

**Supplementary Table 6. Weight differences across group and age in females**

<i>age</i>	<i>Estimate</i>	<i>Std. Error</i>	<i>df</i>	<i>t value</i>	<i>lower</i>	<i>upper</i>	<i>Pr(&gt; t )</i>
6	1.11	3.562	244.261	0.312	-5.906	8.126	0.756
7	0.334	3.337	234.467	0.1	-6.241	6.908	0.92
8	-0.443	3.134	222.459	-0.141	-6.62	5.733	0.888
9	-1.22	2.958	209.105	-0.412	-7.051	4.611	0.68
10	-1.997	2.813	195.979	-0.71	-7.544	3.551	0.479
11	-2.774	2.704	185.085	-1.026	-8.109	2.562	0.306
12	-3.551	2.637	178.369	-1.346	-8.754	1.653	0.18
13	-4.327	2.613	177.295	-1.656	-9.485	0.83	0.0995
14	-5.104	2.635	182.608	-1.937	-10.304	0.096	0.0543
15	-5.881	2.702	194.21	-2.177	-11.209	-0.553	0.0307
16	-6.658	2.809	211.067	-2.37	-12.195	-1.121	0.0187
17	-7.435	2.953	231.22	-2.518	-13.252	-1.617	0.0125
18	-8.211	3.128	252.13	-2.625	-14.372	-2.051	0.00919