Supplementary Materials: Parents' Attitudes toward Clinical Genetic Testing for Autism Spectrum Disorder—Data from a Norwegian Sample

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Table S1a. Regression models summary of possible positive effects of clinical genetic testing.

Factors	Causal Explanation				Intervention Planning				Treatment Relevance			
	B	Sig.	99% CI		B	Sig.	99% CI		B	Sig.	99% CI	
Constant	4.755	0.000	3.790	5.721	4.286	0.000	3.340	5.231	3.061	0.000	1.841	4.281
Parents' gender parent	−0.183	0.062	−0.435	0.069	−0.144	0.133	−0.390	0.103	−0.025	0.841	−0.341	0.292
Parent's age	0.002	0.771	−0.017	0.021	0.004	0.526	−0.014	0.023	−0.002	0.865	−0.025	0.022
Gender of children with ASD	−0.022	0.820	−0.267	0.223	0.003	0.970	−0.233	0.239	0.068	0.568	−0.239	0.375
Age of children with ASD	0.007	0.372	−0.014	0.028	−0.005	0.536	−0.025	0.016	0.008	0.462	−0.019	0.034
diagnose of children	−0.272	0.000	−0.470	−0.075	−0.002	0.975	−0.193	0.189	0.188	0.051	−0.061	0.437
Model´s R^2	0.018				0.003				0.005			
Model´s p	0.001				0.638				0.329			
Model´s N	1109				1050				1055			

B = Unstandardized Beta coefficients, Sig. = significant level and 99% CI = 99% confidence interval for B for each factor entered in the regression models with statements of possible positive effects as outcome. ASD: Autism Spectrum Disorder.

Factors	Recurrence Prevention				Family Planning			
	B	Sig.	99% CI		B	Sig.	99% CI	
Constant	4.529	0.000	3.226	5.831	2.636	0.000	1.510	3.763
Parents' gender	−0.522	0.000	−0.861	−0.182	−0.108	0.345	−0.402	0.186
Parents' age	0.009	0.360	−0.016	0.034	0.023	0.007	0.001	0.045
Gender of children with ASD	−0.027	0.833	−0.358	0.304	−0.189	0.082	−0.468	0.091
Age of children with ASD	0.012	0.288	−0.017	0.041	−0.008	0.368	−0.033	0.016
ASD diagnose of children	−0.801	0.000	−1.068	−0.534	−0.494	0.000	−0.720	−0.267
Model´s R^2	0.081				0.044			
Model´s p	0.000				0.000			
Model´s N	1047				1090			

B = Unstandardized Beta coefficients, Sig. = significant level and 99% CI = 99% confidence interval for B for each factor entered in the regression models with statements of possible positive effects as outcome. ASD: Autism Spectrum Disorder.

Table S1b. Regression models summary of possible negative effects of clinical genetic testing.

Factors	Insurance Discrimination				Parental Concern				Family Conflicts			
	B	Sig.	99% CI		B	Sig.	99% CI		B	Sig.	99% CI	
Constant	3.814.	0,000	2.840	4,789	2.550	0.000	1.444	3.657	2.990	0.000	1.922	4.057
Parents' gender	0.064	0.515	−0.189	0.316	0.061	0.584	−0.228	0.350	0.062	0.562	−0.214	0.339
Parents' age	0.006	0.429	−0.013	0.025	0.021	0.011	0.000	0.043	0.010	0.190	−0.010	0.031
Gender of children with ASD	−0.011	0.910	−0.250	0.229	0.026	0.811	−0.251	0.302	0.023	0.823	−0.239	0.284
Age of children with ASD	−0.016	0.053	−0.037	0.005	−0.020	0.028	−0.044	0.004	−0.018	0.048	−0.040	0.005
ASD diagnose of children	0.199	0.009	0.003	0.395	0.080	0.359	−0.144	0.304	0.107	0.202	−0.109	0.322
Model´s R^2	0.011				0.007				0.005			
Model´s p	0.055				0.219				0.404			
Model´s N	942				1058				977			

B = Unstandardized Beta coefficients, Sig. = significant level and 99% CI = 99% confidence interval for B for each factor entered in the regression models with statements of possible negative effects as outcome.

ASD: Autism Spectrum Disorder.

Table S2a. Regression models summary of who to offer genetic testing (*N* = 1096).

Factors	Parents of children with ASD				Doubting able to care				Worried about the fetus			
	B	Sig.	99% CI		B	Sig.	99% CI		B	Sig.	99% CI	
Constant	0.786	0.000	0.414	1.158	0.224	0.044	−0.063	0.512	0.352	0.001	0.079	0.626
Parents' gender	−0.037	0.320	−0.134	0.060	−0.054	0.062	−0.129	0.021	−0.129	0.000	−0.200	−0.058
Parents' age	0.003	0.303	−0.004	0.010	0.002	0.409	−0.004	0.007	0.003	0.143	−0.002	0.008
Gender of children with ASD	−0.034	0.352	−0.127	0.060	−0.003	0.911	−0.075	0.069	0.013	0.628	−0.056	0.082
Age of children with ASD	0.001	0.687	−0.007	0.009	0.000	0.951	−0.006	0.006	0.000	0.927	−0.006	0.006
ASD diagnose of children	−0.122	0.000	−0.198	-0.046	−0.031	0.173	−0.089	0.028	−0.080	0.000	−0.135	-0.024
Model´s R^2	0.022				0.008				0.044			
Model´s *p*	0.000				0.109				0.000			

B = Unstandardized Beta coefficients, Sig. = significant level and 99% CI = 99% confidence interval for B for each factor entered in the regression models with who to offer genetic testing statements as outcome. ASD: Autism Spectrum Disorder.

Factors	No Pregnant				All pregnant			
	B	Sig.	99% CI		B	Sig.	99% CI	
Constant	0.030	0.753	−0.219	0.280	0.516	0.000	0.299	0.733
Parents' gender	0.063	0.013	−0.003	0.128	−0.146	0.000	−0.202	−0.089
Parents' age	−0.002	0.320	−0.007	0.003	−0.004	0.021	−0.008	0.000
Gender of children with ASD	0.006	0.813	−0.057	0.068	0.014	0.522	−0.041	0.068
Age of children with ASD	0.000	0.838	−0.006	0.005	0.003	0.155	−0.002	0.007
ASD diagnose of children	0.039	0.050	−0.012	0.089	−0.031	0.074	−0.075	0.014
Model´s R^2	0.015				0.045			
Model´s *p*	0.006				0.000			

B = Unstandardized Beta coefficients, Sig. = significant level and 99% CI = 99% confidence interval for B for each factor entered in the regression models with who to offer genetic testing statements as outcome. ASD: Autism Spectrum Disorder.

Table S2b. Regression models summary of when to offer genetic testing ($N = 1096$).

Factors	Development deviates				Before pregnancy				During pregnancy			
	B	Sig.	99% CI		B	Sig.	99% CI		B	Sig.	99% CI	
Constant	0.596	0.000	0.204	0.987	0.577	0.000	0.206	0.947	0.306	0.000	0.082	0.530
Parents' gender	−0.035	0.376	−0.137	0.067	−0.068	0.068	−0.165	0.028	−0.077	0.001	−0.135	−0.018
Parents' age	−0.004	0.215	−0.011	0.004	0.001	0.606	−0.006	0.009	−0.001	0.686	−0.005	0.004
Gender of children with ASD	0.033	0.382	−0.065	0.132	0.002	0.957	−0.091	0.095	0.003	0.885	−0.053	0.059
Age of children with ASD	0.001	0.812	−0.008	0.009	−0.001	0.826	−0.009	0.007	0.001	0.539	−0.004	0.006
ASD diagnose of children	0.046	0.138	−0.034	0.126	−0.106	0.000	−0.182	−0.031	−0.043	0.015	−0.089	0.002
Model's R^2	0.006				0.018				0.017			
Model's p	0.306				0.002				0.002			

B = Unstandardized Beta coefficients, Sig. = significant level and 99% CI = 99% confidence interval for B for each factor entered in the regression models with when to offer genetic testing statements as outcome. ASD: Autism Spectrum Disorder.

Factors	Immediately after birth			
	B	Sig.	99% CI	
Constant	0.158	0.053	−0.053	0.368
Parents' gender	−0.029	0.180	−0.083	0.026
Parents' age	0.000	0.857	−0.004	0.004
Gender of children with ASD	0.020	0.335	−0.033	0.073
Age of children with ASD	−0.002	0.160	−0.007	0.002
ASD diagnose of children	−0.015	0.362	−0.058	0.028
Model's R^2	0.008			
Model's p	0.116			

B = Unstandardized Beta coefficients, Sig. = significant level and 99% CI = 99% confidence interval for B for each factor entered in the regression models with when to offer genetic testing statements as outcome. ASD: Autism Spectrum Disorder.