Supplementary Table 1. Available data per group per time-point (TP).

	TD	ASD	TOTAL
Internalizing	n	n	N
1 TP	33	11	44
2 TPs	22	8	30
3 TPs	42	40	82
Externalizing			
1 TP	33	11	44
2 TPs	23	8	31
3 TPs	41	40	81
Negative Emotion expression			
1 TP	29	11	40
2 TPs	21	7	28
3 TPs	47	41	88
Emotion recognition			
1 TP	29	11	40
2 TPs	20	7	27
3 TPs	48	41	59
Emotion vocabulary			
Basic			
1 TP	29	11	40
2 TPs	21	7	28
3 TPs	47	41	89
Mental states			
1 TP	29	11	40
2 TPs	21	7	28
3 TPs	47	41	89

Supplementary Table 2. Internal consistency of measures per time point per group.

		Cronbach's α	
		TD	ASD
Time 1			
Internalizing		0.874	0.639
Externalizing		0.868	0.962
Negative emotion expression		0.787	0.633
Positive emotion expression		0.655	0.673
Emotion recognition		0.758	0.878
Emotion vocabulary			
	Basic	0.865	0.748
	Mental states	0.697	0.752
Time 2			
Internalizing		0.874	0.882
Externalizing		0.889	0.895
Negative emotion expression		0.802	0.817
Positive emotion expression		0.398	0.705
Emotion recognition		0.764	0.908
Emotion vocabulary			
	Basic	0.749	0.831
	Mental states	0.827	0.824
Time 3			
Internalizing		0.869	0.894
Externalizing		0.887	0.919
Negative emoiton expression		0.679	0.825
Positive emotion expression		0.600	0.780
Emotion recognition		0.798	0.908
Emotion vocabulary			
	Basic	-0.360	0.792
	Mental states	0.134	0.811

Supplementary Table 3. Model fit indices per model.

	Internalizing			Externalizing		
Best fitting age-model	AIC	BIC	X^2 statistic	AIC	BIC	X^2 statistic
Null Model	2055	2062	-	2391	2399	-
Linear Age-model	1976	1983	X^2 (1) = -79, p <.001	2315	2323	X^2 (1) = -67, p <.001
Quadratic Age-model	1985	1993	X^2 (1) = 10, p >.20	2324	2332	X^2 (1) = 9, p >.20
Cubic Age-model	1995	2003	X^2 (1) = 10, p >.20	2333	2340	X^2 (1) = 8, p >.20
Linear Age x Group	**1966**	**1974**	X^2 (2) = 29, p <.001	**2291**	**2299**	X^2 (2) = -41, p <.001
Best fitting model including all predictors						
Full model	**1878**	**1885**	X^2 (5) = 89, p <.001	2203	2211	X^2 (5) = -88, p <.001
Full model including interactions with Group	1868	1875	X^2 (5) = 10, p >.10	**2179**	**2186**	X^2 (5) = -25, p <.001

With χ^2 analyses we tested whether adding extra variables to the model improved model fit. We used the difference between the BIC values of the most parsimonious model with the next model, so null model – linear age-model (i.e., BIC (linear age-model) 1983 - BIC (null model) 2062 = 79). For the full model including all variables of emotion functioning (i.e., emotion expression, emotion recognition, and emotion vocabulary), we compared with the best age-model. We report the χ^2 statistic of model comparison of the BIC values, given that BIC values take the number of added variables into account. Note that BIC and AIC indices resulted in the same selection of best fitting models.