

nu parameter	total	CBCL	
		internalizing	externalizing
0.10	0.010	0.015	0.034
0.15	0.002	0.001	0.023
0.20	0.002	0.001	0.039
0.25	<0.001	0.001	0.008
0.30	0.001	0.004	0.005
0.35	0.008	0.027	0.006

**Supplementary Table 1:** Effects of nu parameter. The table describes the p-values of OC-SVM label (typical and atypical) in the General Linear Model for each psychopathological manifestation (CBCL) as response variable and age, gender, site and head movement (mean frame displacement) as nuisance variables.