

Article: Slow identification of facial happiness in early adolescence predicts onset of depression during eight years of follow-up

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Online Resource 3

*Results logistic regression analyses of DSM-IV depression and symptoms of anhedonia and sadness for at least several days between age 11 and age 19 on facial emotion recognition reaction times at age 11 – **without correcting for sadness and anhedonia***

		Anhedonia ^a <i>without</i> sadness as covariate N=1732-1773		Sadness ^b <i>without</i> anhedonia as covariate N=1748-1793	
		OR	P	OR	P
Emotions tested separately	RT Happy	1.04	.50	1.00	.95
	RT Sad	0.94	.24	1.02	.74
	RT Angry	0.97	.56	0.99	.80
	RT Fearful	1.02	.69	1.03	.53
Models backward selection	RT Happy	1.17	.03		
	RT Sad	0.84	.02		
	RT Angry				
	RT Fearful				
Posthoc analyses	RT Sad - RT Happy (HS)	0.88	.02	Not tested	Not tested

^a Symptoms of anhedonia for at least several consecutive days;

^b Symptoms of sadness for at least several consecutive days;

All effects were adjusted for error proportions, gender and age at the time of the facial emotion task;

OR = odds ratio; RT = mean reaction time for correct responses; all RTs in this table are standardized (Z-values) with one exception: HS was calculated on unstandardized RT Sad and RT Happy and was standardized afterwards