## **Supplementary Online Content**

Amlung M, Marsden E, Holshausen K, et al. Delay discounting as a transdiagnostic process in psychiatric disorders: a meta-analysis. *JAMA Psychiatry*. Published online August 28, 2019. doi:10.1001/jamapsychiatry.2019.2102

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This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1. Complete List of Search Terms

Discounting Keywords (Group 1)	Delay discounting OR temporal discounting OR intertemporal choice.
Psychiatric Keywords (Group 2)	Psychiatric OR Mood Disorder OR Depress* OR Bipolar OR Mania OR Manic OR Schiz* OR Psychosis OR Psychotic OR Delusional OR Anxiety OR Post traumatic stress disorder OR PTSD OR Acute stress disorder OR Phobia OR Panic OR Obsessive compulsive OR OCD OR Hoarding OR Eating disorder OR Anorexia OR Bulimia OR Binge eating OR Body dysmorphic OR Personality disorder OR Borderline OR Antisocial OR Dependent OR Somatoform OR Somatic.
Final Search String	(Group 1) AND (Group 2)

Note: PTSD and OCD were entered into the search as acronyms as stated

eTable 2. Raw Data Used to Calculate Effect Size (Hedges g) for Each Study

Study	Data Used to Calculate g
Major Depressive Disorder	
Brown et al. 2018	Clinical: $M(SD)$ , $N = -4.94(2.46)$ , 32
	Control: $M(SD)$ , $N = -5.51(2.12)$ , 61
Caceda et al. 2014	Clinical: $M(SD)$ , $N = 0.08(0.02)$ , 20
	Control: $M(SD)$ , $N = 0.07(0.02)$ , 20
Dombrovski et al. 2011	Clinical: <i>M</i> (SD), <i>N</i> = -5.35(1.24), 42
	Control: <i>M</i> (SD), <i>N</i> = -5.64(1.54), 31
Engelmann et al. 2013	Clinical: <i>M</i> (SD), <i>N</i> = 1.37(0.99), 11
	Control: $M(SD)$ , $N = 0.66(0.57)$ , 15
Imhoff et al. 2014	Clinical: $M(SD)$ , $N = 0.78(0.25)$ , 20
	Control: $M(SD)$ , $N = 0.53(0.32)$ , 20
Pulcu et al. 2014	Clinical: $M(SD)$ , $N = 0.04(0.07)$ , 24
	Control: $M(SD)$ , $N = 0.02(0.03)$ , 29
Weidberg et al. 2015	Clinical: $M(SD)$ , $N = 0.01(6.27)$ , 30
	Control: $M(SD)$ , $N = 0.01(2.98)$ , 65
Schizophrenia	
Ahn et al. 2011	Clinical: <i>M</i> (SD), <i>N</i> = -2.33(2.10), 21
	Control: $M(SD)$ , $N = -4.68(1.80)$ , 30
Avsar et al. 2013	Clinical: <i>M</i> (SD), <i>N</i> = -0.17(0.67), 14
	Control: <i>M</i> (SD), <i>N</i> = -1.91(0.67), 14
Brown et al. 2018	Clinical: <i>M</i> (SD), <i>N</i> = -3.65(3.55), 31
	Control: M(SD), N = -5.51(2.12), 61
Heerey et al. 2007	Clinical: <i>M</i> (SD), <i>N</i> = 0.05(0.07), 42
	Control: $M(SD)$ , $N = 0.01(0.02)$ , 29
Heerey et al. 2011	Clinical: <i>M</i> (SD), <i>N</i> = 0.11(0.14), 37
	Control: $M(SD)$ , $N = 0.06(0.09)$ , 24
Horan et al. 2017	Clinical: $M(SD)$ , $N = 0.73(0.25)$ , 131
	Control: $M(SD)$ , $N = 0.75(0.23)$ , 70
MacKillop et al. 2011a (Small)	Clinical: $M(SD)$ , $N = 0.03(0.10)^*$ , 23
	Control: $M(SD)$ , $N = 0.07(0.09)^*$ , 24
	*Estimated marginal means, see paper for covariates

MacKillop et al. 2011b (Large)	Clinical: $M(SD)$ , $N = 0.02(0.05)^*$ , 23 Control: $M(SD)$ , $N = 0.04(1.43)^*$ , 24 *Estimated marginal means, see paper for covariates
Wang et al. 2018a (Immediate)	Clinical: $M(SD)$ , $N = 0.54(0.67)$ , 25 Control: $M(SD)$ , $N = 0.19(0.79)$ , 30
Wang et al. 2018b (Delayed)	Clinical: $M(SD)$ , $N = 0.57(0.71)$ , 25 Control: $M(SD)$ , $N = 0.16(0.77)$ , 30
Wing et al. 2012	Clinical: $M(SD)$ , $N = -4.65(1.27)$ , 34 Control: $M(SD)$ , $N = -4.52(1.17)$ , 37
Yu et al. 2017	Clinical: $M(SD)$ , $N = 0.10(0.05)$ , 47 Control: $M(SD)$ , $N = 0.07(0.06)$ , 42
Borderline Personality Disorder	
Barker et al. 2015	Clinical: $M(SD)$ , $N = -4.03(1.88)$ , 19 Control: $M(SD)$ , $N = -5.40(1.82)$ , 21
Berenson et al. 2016a (Hypothetical)	Clinical: $M(SD)$ , $N = -4.01(2.01)$ , 35 Control: $M(SD)$ , $N = -4.32(1.95)$ , 45
Berenson et al. 2016b (Actual)	Clinical: $M(SD)$ , $N = -3.82(1.54)$ , 35 Control: $M(SD)$ , $N = -5.01(1.54)$ , 45
Coffey et al. 2011	Clinical: $M(SD)$ , $N = -2.69(2.28)$ , 19 Control: $M(SD)$ , $N = -3.42(2.02)$ , 28
Dougherty et al. 1999	Clinical: $M(SD)$ , $N = 0.60(0.27)$ , 13 Control: $M(SD)$ , $N = 0.59(0.28)$ , 17
Krause-Utz et al. 2016	Clinical: $M(SD)$ , $N = -3.30(1.50)$ , 25 Control: $M(SD)$ , $N = -4.90(1.43)$ , 24
Lawrence et al. 2010	Cohen's <i>d</i> = 1.24; SE = 0.284
Maraz et al. 2016	Clinical: $M(SD)$ , $N = -1.61(1.07)$ , 36 Control: $M(SD)$ , $N = -2.08(0.98)$ , 111
Bipolar Disorder	
Ahn et al. 2011	Clinical: $M(SD)$ , $N = -2.49(2.00)$ , 22 Control: $M(SD)$ , $N = -4.68(1.80)$ , 30
Brown et al. 2018	Clinical: $M(SD)$ , $N = -3.57(2.77)$ , 16 Control: $M(SD)$ , $N = -5.51(2.12)$ , 61
Strakowski et al 2010	Clinical: $M(SD)$ , $N = 47.00(28.00)$ , 108 Control: $M(SD)$ , $N = 33.00(22.00)$ , 48

Urošević et al. 2016	Clinical: <i>M</i> (SD), <i>N</i> = 0.58(0.03), 32
	Control: <i>M</i> (SD), <i>N</i> = 0.47(0.28), 32
Obsessive Compulsive Disorder	
Norman et al. 2017	Clinical: $M(SD)$ , $N = 0.03(0.03)$ , 20
	Control: $M(SD)$ , $N = 0.02(0.01)$ , 20
Pinto et al. 2014a (Delay)	Clinical: $M(SD)$ , $N = 0.73(0.25)$ , 25
	Control: $M(SD)$ , $N = 0.73(0.25)$ , 25
Pinto et al. 2014b (Accelerate)	Clinical: $M(SD)$ , $N = 0.58(0.33)$ , 25
	Control: $M(SD)$ , $N = 0.58(0.30)$ , 25
Sohn et al. 2014	Clinical: <i>M</i> (SD), <i>N</i> = -4.04(2.50), 80
	Control: $M(SD)$ , $N = -5.09(1.81)$ , 76
Steinglass et al. 2017	Clinical: $M(SD)$ , $N = 0.01(0.02)$ , 50
	Control: <i>M</i> (SD), <i>N</i> = 0.01(0.01), 75
Bulimia Nervosa	
Bartholdy et al. 2017	Clinical: $M(SD)$ , $N = 0.41(0.22)$ , 27
	Control: <i>M</i> (SD), <i>N</i> = 0.37(0.22), 28
Kekic et al. 2016a (Accelerate)	Clinical: $M(SD)$ , $N = 0.68(0.34)$ , 39
	Control: $M(SD)$ , $N = 0.55(0.35)$ , 53
Kekic et al. 2016b (Delay)	Clinical: $M(SD)$ , $N = 0.73(0.04)$ , 39
	Control: $M(SD)$ , $N = 0.58(0.31)$ , 53
Neveu et al. 2014	Clinical: $M(SD)$ , $N = 0.002(0.006)$ , 18
	Control: $M(SD)$ , $N = 0.001(0.002)$ , 18
Binge Eating Disorder	
Bartholdy et al. 2017	Clinical: $M(SD)$ , $N = 0.64(0.21)$ , 11
	Control: <i>M</i> (SD), <i>N</i> = 0.63(0.22), 28
Davis et al. 2010	Clinical N = 65; Control N = 71 Independent groups
	two-tailed $p = .012$
Manasse et al. 2015	Clinical: $M(SD)$ , $N = 0.38(0.16)$ , 31
	Control: <i>M</i> (SD), <i>N</i> = 0.28(0.18), 43
Manwaring et al. 2011	Clinical: $M(SD)$ , $N = 0.58(0.30)$ , 27
	Control: $M(SD)$ , $N = 0.52(0.25)$ , 30
Mole et al. 2015	Clinical: $M(SD)$ , $N = 0.04(0.05)$ , 30
	Control: $M(SD)$ , $N = 0.01(0.03)$ , 30
Steward et al. 2017	Clinical: $M(SD)$ , $N = 0.19(0.14)$ , 24
	Control: $M(SD)$ , $N = 0.14(0.10)$ , 80

Yan et al. 2018	Clinical: $M(SD)$ , $N = 0.68(0.38)$ , 85
	Control: $M(SD)$ , $N = 0.66(0.35)$ , 928
Anorexia Nervosa	
Bartholdy et al. 2017	Clinical: M(SD), N = 0.22(0.20), 28
•	Control: $M(SD)$ , $N = 0.37(0.22)$ , 28
Decker et al. 2015	Clinical: $M(SD)$ , $N = 0.54(1.51)$ , 54
	Control: $M(SD)$ , $N = 0.77(1.47)$ , 39
King et al. 2016	Clinical: $M(SD)$ , $N = 0.01(0.01)$ , 31
	Control: $M(SD)$ , $N = 0.01(0.01)$ , 31
Neveu et al. 2014	Clinical: $M(SD)$ , $N = 0.016(0.061)$ , 16
	Control: $M(SD)$ , $N = 0.001(0.002)$ , 18
Ritschel et al. 2015	Clinical: $M(SD)$ , $N = -5.15(1.30)$ , 34
	Control: $M(SD)$ , $N = -5.14(1.30)$ , 53
Steinglass et al. 2012a (Accelerate)	Clinical: $M(SD)$ , $N = 0.46(0.39)$ , 36
	Control: $M(SD)$ , $N = 0.63(0.30)$ , 28
Steinglass et al. 2012b (Delay)	Clinical: $M(SD)$ , $N = 0.62(0.30)$ , 36
	Control: $M(SD)$ , $N = 0.70(0.21)$ , 28
Steinglass et al. 2017	Clinical: $M(SD)$ , $N = 0.003(0.060)$ , 27
	Control: $M(SD)$ , $N = 0.007(0.011)$ , 75
Steward et al. 2017	Clinical: $M(SD)$ , $N = 0.10(0.07)$ , 37
	Control: $M(SD)$ , $N = 0.14(0.10)$ , 80
Wierenga et al. 2015	Clinical: $M(SD)$ , $N = 0.53(0.31)$ , 23
	Control: $M(SD)$ , $N = 0.58(0.31)$ , 17

Note: Values rounded to 2 decimal places for presentation in table, unless values contained 2 leading zeros. Exact values in Comprehensive Meta-Analysis Software dataset available upon request from corresponding author. Values are unadjusted means (i.e., not estimated marginal means or covariate adjusted means), unless otherwise specified.

eTable 3. Complete Meta-analytic Results by Disorder Category

Study	g	95% CI	Z	р	OSR	OSR-p
Major Depressive Disorder						-
Brown et al. 2018	0.25	-0.17, 0.68	1.16	0.246	0.42	0.005
Caceda et al. 2014	0.65	0.03, 1.27	2.04	0.041	0.34	0.010
Dombrovski et al. 2011	0.21	-0.25, 0.67	0.89	0.374	0.42	0.004
Engelmann et al. 2013	0.89	0.10, 1.68	2.20	0.028	0.32	0.006
Imhoff et al. 2014	0.87	0.23, 1.50	2.67	0.008	0.29	0.008
Pulcu et al. 2014	0.36	-0.18. 0.90	1.31	0.190	0.39	0.007
Weidberg et al. 2015	0.00	0.43, 0.43	0.00	0.999	0.44	<0.001
Aggregate	0.37	0.14, 0.61	3.08	0.002		
Schizophrenia						
Ahn et al. 2011	1.20	0.60, 1.80	3.94	< 0.0001	0.39	0.014
Avsar et al. 2013	2.51	1.53, 3.48	5.05	<0.0001	0.34	0.011
Brown et al. 2018	0.69	0.25, 1.13	3.06	0.002	0.44	0.011
Heerey et al. 2007	0.69	0.21, 1.17	2.81	0.005	0.44	0.011
Heerey et al. 2011	0.42	-0.10, 0.93	1.59	0.111	0.46	0.008
Horan et al. 2017	-0.08	-0.37, 0.21	-0.56	0.579	0.52	0.002
MacKillop et al. 2011a (Small)	-0.43	-1.00, 0.14	-1.48	0.138	0.53	0.001
MacKillop et al. 2011b (Large)	-0.02	-0.58, 0.54	-0.07	0.947	0.50	0.003
Wang et al. 2018a (Immediate)	0.46	-0.07, 0.99	1.72	0.086	0.46	0.008
Wang et al. 2018b (Delayed)	0.54	0.01, 1.07	1.98	0.048	0.45	0.009
Wing et al. 2012	-0.11	-0.57, 0.35	-0.45	0.652	0.51	0.003
Yu et al. 2017	0.46	0.04, 0.88	2.15	0.031	0.46	0.009
Aggregate	0.46	0.14, 0.77	2.86	0.004		
Borderline Personality Disorder						
Barker et al. 2015	1.22	0.67, 1.77	4.37	0.024	0.58	<0.0001
Berenson et al. 2016a (Hypothetical)	0.73	0.10, 1.36	2.26	0.487	0.67	<0.001
Berenson et al. 2016b (Actual)	0.16	0.28, 0.59	0.70	0.001	0.57	<0.0001
Coffey et al. 2011	0.76	0.31, 1.22	3.31	0.252	0.63	<0.001
Dougherty et al. 1999	0.34	-0.24, 0.91	1.15	0.0010	0.54	<0.0001
Krause-Utz et al. 2016	1.07	0.48, 1.66	3.55	0.016	0.62	<0.001

Lawrence et al. 2010	0.47	0.09, 0.84	2.42	<0.0001	0.51	<0.001
Maraz et al. 2016	0.03	-0.67, 0.74	0.09	0.927	0.65	<0.0001
Aggregate	0.60	0.32, 0.87	4.21	<0.0001		
Bipolar Disorder						
Ahn et al. 2011	1.14	0.56, 1.73	3.83	0.000	0.58	<0.0001
Brown et al. 2018	0.85	0.29, 1.41	2.96	0.003	0.64	0.001
Strakowski et al 2010	0.53	0.19, 0.87	3.02	0.003	0.77	<0.001
Urošević et al. 2016	0.37	-0.11, 0.86	1.50	0.133	0.78	<0.0001
Aggregate	0.68	0.37, 0.98	4.31	<0.0001		
Obsessive Compulsive Disorder						
Obsessive Compulsive Disorder	0.45	0.46.4.07	1.44	0.149	0.07	0.047
Norman et al. 2017	0.45	-0.16, 1.07	0.00	1.000	0.27	0.017 0.001
Pinto et al. 2014a (Delay)	0.00	-0.55, 0.55				
Pinto et al. 2014b (Accelerate) Sohn et al. 2014	0.00	-0.55, 0.55 0.16, 0.79	0.00 2.95	1.000 0.003	0.34	0.001 0.109
	0.48	·	1.53	0.003		
Steinglass et al. 2017  Aggregate	0.28	-0.08, 0.64 <b>0.11, 0.49</b>	3.06	0.125	0.28	0.036
Aggregate	0.30	0.11, 0.49	3.00	0.002	<b></b>	
Bulimia Nervosa						
Bartholdy et al. 2017	0.18	-0.34, 0.70	0.67	0.501	0.47	0.001
Kekic et al. 2016a (Accelerate)	0.37	-0.04, 0.79	1.77	0.077	0.43	0.004
Kekic et al. 2016b (Delay)	0.63	0.21, 1.05	2.93	0.003	0.31	0.037
Neveu et al. 2014	0.35	-0.30, 0.99	1.06	0.291	0.42	0.001
Aggregate	0.41	0.17, 0.65	3.38	0.001		
Binge Eating Disorder						
Bartholdy et al. 2017	0.05	-0.64, 0.73	0.13	0.897	0.37	0.001
Davis et al. 2010	0.03	0.10, 0.77	2.52	0.097	0.37	0.001
Manasse et al. 2015	0.43	0.10, 0.77	2.52	0.012	0.37	0.010
Manwaring et al. 2011	0.38	-0.31, 0.72	0.77	0.016	0.37	0.007
Manwaring et al. 2011  Mole et al. 2015	0.20	0.22, 1.25	2.79	0.440	0.29	0.005
Steward et al. 2017	0.74	0.22, 1.25	2.19	0.003	0.32	0.003
Yan et al. 2018	0.06	-0.17, 0.28	0.50	0.617	0.43	<0.007
Aggregate	0.00	0.13, 0.56	3.19	0.001		<u> </u>
луугсуасс	0.54	0.10, 0.00	J. 13	0.001		1

Anorexia Nervosa						
Bartholdy et al. 2017	-0.70	-1.24, -0.17	-2.59	0.010	-0.27	0.001
Decker et al. 2015	-0.48	-0.89, -0.06	-2.25	0.024	-0.27	0.003
King et al. 2016	-0.10	-0.59, 0.39	-0.41	0.682	-0.32	<0.001
Neveu et al. 2014	0.35	-0.31, 1.02	1.05	0.295	-0.34	<0.0001
Ritschel et al. 2015	0.00	-0.43, 0.42	-0.02	0.983	-0.35	<0.0001
Steinglass et al. 2012a (Accelerate)	-0.47	-0.97, 0.02	-1.88	0.060	-0.28	0.002
Steinglass et al. 2012b (Delay)	-0.30	-0.79, 0.19	-1.19	0.233	-0.30	0.001
Steinglass et al. 2017	-0.40	-0.84, 0.04	-1.78	0.075	-0.29	0.002
Steward et al. 2017	-0.42	-0.81, -0.03	-2.09	0.036	-0.28	0.003
Wierenga et al. 2015	-0.16	-0.78, 0.46	-0.51	0.611	-0.31	0.001
Aggregate	-0.30	-0.46, -0.14	-3.62	0.000		

Note: CI = 95% Confidence Interval; OSR = One Study Removed (i.e., aggregate effect size when study iteratively removed from analysis.

eTable 4. Studies Excluded at Full-Text Stage with Reasons for Exclusion

Study	Diagnostic Category	Reason for Exclusion
Ahn et al. 2016	Depression, Anxiety, Psychopathy. Conduct	No association between discounting and
	Disorder, Antisocial Personality Disorder	clinical group/variable
Amlung et al. 2017	Depression	Non-relevant sample
Andrade et al. 2014	Antisocial Personality Disorder	Non-relevant sample
Audrain-McGovern et al. 2009	Depression	No association between discounting and
		clinical group/variable
Audrain-McGovern et al. 2009	Depression	No association between discounting and
		clinical group/variable
Barkley et al. 2011	Oppositional Defiant Disorder, Conduct	Non-relevant sample
	Disorder	
Bobova et al. 2009	Conduct Disorder	Non-relevant sample
Brennan et al. 2010	Antisocial behaviour	No association between discounting and
		clinical group/variable
Bridge et al. 2015	Suicidality, Affective Disorders	No association between discounting and
		clinical group/variable
Buchanan et al. 2015	Schizophrenia	No association between discounting and
		clinical group/variable
Cáceda et al. 2018	Suicidality, Depression, Bipolar Disorder,	No association between discounting and
	Anxiety	clinical group/variable
Call et al. 2017	Eating Disorders, Depression, Anxiety	Non-relevant sample
Castellanos-Ryan et al. 2014	Conduct Disorder	No association between discounting and
		clinical group/variable
Castellanos-Ryan et al. 2016	Oppositional Defiant Disorder, Conduct	No association between discounting and
	Disorder	clinical group/variable
Clare et al. 2010	Depression, Anxiety	No discounting task
Crean et al. 2000	Borderline Personality Disorder, Bipolar	Non-relevant sample
	Disorder, Antisocial Personality Disorder,	
Culbreth et al. 2016	Schizophrenia	No discounting task
Dai et al. 2016	Externalizing symptoms	No original data
Dennhardt et al. 2011	Depression	Non-relevant sample
Docx et al. 2015	Schizophrenia	Non-relevant sample
Dom et al. 2006	Cluster-B Personality Disorder	No association between discounting and
		clinical group/variable

Dombrovski et al. 2012	Depression	Overlapping sample
Dong et al. 2016	Restrained Eating	Non-relevant sample
Dutra et al. 2015	Bipolar Disorder	No discounting task
Duva et al. 2011	Schizophrenia	No discounting task
Farris et al. 2017	Psychopathology	Non-relevant sample
Finn et al. 2015	Conduct Disorder, Antisocial Personality Disorder	Non-relevant sample
Fortgang et al. 2018	Schizophrenia	Non-relevant sample
Gerst et al. 2017	Antisocial Psychopathology	No association between discounting and clinical group/variable
Gonzalez et al. 2011	Depression	Non-relevant sample
Gunn et al. 2018	Antisocial Personality Disorder	Overlapping sample
Hartmann et al. 2015	Schizophrenia	No discounting task
Hermann et al. 2015	Depression	No discounting index
Hosking et al. 2017	Psychopathy	Non-relevant sample
Janis et al. 2009	Self-injurious behaviour, Mood Disorder, Anxiety Disorder	Non-relevant sample
Jarmolowicz et al. 2014	Depression	Non-relevant sample
Jenks et al. 2015	Social Anxiety	Non-relevant sample
Johnson et al. 2017	Borderline Personality Disorder	Non-relevant sample
Kalapatapu et al. 2013	PTSD	No association between discounting and clinical group/variable
Kekic et al. 2017	Bulimia Nervosa	No association between discounting and clinical group/variable
Landes et al. 2018	Depression	No discounting task
Leitch et al. 2013	Eating behaviour	Non-relevant sample
Lempert et al. 2010	Anhedonia	Non-relevant sample
Levin et al. 2018	Depression	Non-relevant sample
Li et al. 2016	Schizophrenia	Non-relevant sample
Lijffijt et al. 2017	Antisocial Personality Disorder	Insufficient numbers in study category
Lister et al. 2015	Axis I and Axis II Psychiatric Disorders	No association between discounting and clinical group/variable
Ludwig et al. 2015	Depression, Anxiety	No discounting task
Manasse et al. 2014	Binge Eating	Non-relevant sample
Manasse et al. 2015	Binge Eating	Non-relevant sample

Manasse et al. 2016	Binge Eating Disorder	No association between discounting and clinical group/variable
Mason et al. 2012	Hypomania	Non-relevant sample
McClelland et al. 2016	Anorexia	Experimental manipulation
Melanko et al. 2009	Psychopathy	Non-relevant sample
Meyer et al. 2015	Hypomania	Non-relevant sample
Mies et al. 2016	Depression	Non-relevant sample
Miller et al. 2003	Psychopathy	Non-relevant sample
Mishra et al. 2017	Antisocial behaviour	No association between discounting and clinical group/variable
Moody et al. 2016	Depression, Antisocial Personality Disorder	Non-relevant sample
Morgan et al. 2011	Psychopathy	Non-relevant sample
Mostert et al. 2015	Depression	No association between discounting and clinical group/variable
Murphy et al. 2017	Depression, Anxiety	No association between discounting and clinical group/variable
Nicolai et al. 2017	Obsessive-Compulsive Symptoms	Non-relevant sample
Olson et al. 2017	PTSD, Anhedonia	Insufficient numbers in study category
Ong et al. 2018	Obsessive Compulsive Symptoms	Non-relevant sample
Petry et al. 2002	Antisocial Personality Disorder	No association between discounting and clinical group/variable
Privitera et al. 2015	Depression	Non-relevant sample
Rounds et al. 2007	Social Anxiety	Non-relevant sample
Sanchez-Roige et al. 2018	Depression, Schizophrenia, Anorexia, Bipolar Disorder	Non-relevant sample
Sargent et al. 2012	Antisocial Personality Disorder	Non-relevant sample
Scherr et al. 2010	Eating Disorders, Anxiety	Non-relevant sample
Sherman et al. 2017	Psychopathy	Non-relevant sample
Simmen-Janevska et al. 2015	PTSD	Insufficient numbers in study category
Soltis et al. 2017	Depression	Non-relevant sample
Stojek et al. 2014	Binge Eating	Non-relevant sample
Swann et al. 2002	Conduct Disorder, Oppositional Defiant Disorder	Non-relevant sample
Szuhany et al. 2018	Depression	Non-relevant sample
Takahashi et al. 2008	Depression, Bipolar Disorder	Data not available

Takahashi et al. 2014	Psychopathy	Non-relevant sample
Tanovic et al. 2018	Anxiety	Experimental manipulation
Thamotharan et al. 2015	Disordered Eating	No association between discounting and
		clinical group/variable
vandenBerk-Clark et al. 2018	PTSD	Insufficient numbers in study category
VanderOord et al. 2018	Binge Eating	No association between discounting and
		clinical group/variable
Vanyukov et al. 2016	Depression	No discounting index
Vassileva et al. 2011	Psychopathy	Non-relevant sample
Vicario et al. 2018	Anorexia	No discounting task
Vickers et al. 2016	Hoarding	Non-relevant sample
Voon et al. 2015	Binge Eating Disorder	No original data
Weatherly et al. 2012	Schizophrenia	Non-relevant sample
Weller et al. 2014	Schizophrenia	Overlapping sample
White et al. 2014	Psychopathy, Conduct Disorder	Non-relevant sample
Willoughby et al. 2015	Depression	No discounting task
Wing et al. 2013	Schizophrenia	Overlapping sample
Xia et al. 2017	Anxiety	Non-relevant sample
Yamane et al. 2013	Depression	No association between discounting and
		clinical group/variable
Yeomans et al. 2008	Eating Disorders	Non-relevant sample
Yoon et al. 2007	Depression	Non-relevant sample; no clinical diagnosis
Zhao et al. 2015	Anxiety	Experimental manipulation