Study	N(Drug, Pla)	Drug, dose	SMD [95% CI]
Walsh, 2018	20, 20	Bupropion 150mg	−0.06 [−0.68, 0.56]
Ikeda, 2019	15	Bupropion 150mg	0.30 [−0.33, 0.93]
de Wit, 2002	36, 36	D−amphetamine 20mg	0.21 [−0.25, 0.67]
Wardle, 2011	17, 17	D−amphetamine 20mg	0.64 [−0.05, 1.33]
Soder, 2021	28, 28	D−amphetamine 20mg	0.33 [−0.20, 0.86]
Bernacer, 2013	17	Methamphetamine 0.3mg/kg	−0.70 [−1.33, −0.08]
Westbrook, 2020	46	Methylphenidate 20mg	0.19 [−0.10, 0.48]
Daood, 2022	57	Methylphenidate 20mg	0.11 [0.01, 0.21]
Howlett, 2017	19	Methylphenidate 40mg	0.27 [−0.26, 0.81]
Addicott, 2021	22	Methylphenidate 40mg	0.38 [−0.03, 0.79]
Bellebaum, 2017	16, 20	Modafinil 200mg	0.38 [−0.29, 1.04]
Pessiglione, 2006	13, 13	L−dopa 100mg+25mg	0.75 [−0.04, 1.55]
Grimm, 2021	45	L−dopa 100mg+25mg	0.02 [−0.35, 0.39]
Jansen, 2023	30, 30	L−dopa 100mg+25mg	0.00 [−0.51, 0.51]
Weis, 2012	27, 28	L−dopa 100mg+35mg	0.04 [−0.49, 0.57]
Pine, 2010	13	L−dopa 150mg	−0.70 [−1.34, −0.06]
Michely, 2020	20	L−dopa 150mg	0.80 [0.20, 1.39]
Smith, 2024	76, 76	L−dopa 150mg	0.14 [−0.18, 0.46]
Guitart−Masip, 2012	16, 20	L−dopa 150mg+37.5mg	−0.10 [−0.76, 0.56]
Beierholm, 2013	30, 30	L−dopa 150mg+37.5mg	0.59 [0.07, 1.11]
Guitart−Masip, 2014	30, 29	L−dopa 150mg+37.5mg	−0.30 [−0.82, 0.21]
Chakroun, 2023	31	L−dopa 150mg+37.5mg	−0.17 [−0.63, 0.29]
Mehta, 2001	18	Bromocriptine 1.25mg	0.47 [−0.10, 1.05]
Pizzagalli, 2008	11, 13	Pramipexole 0.5mg	−1.42 [−2.32, −0.52]
Au−Yeung, 2024	19, 18	Pramipexole 1mg/day	0.21 [−0.44, 0.86]
Halahakoon, 2024	21, 19	Pramipexole 1mg/day	0.68 [0.04, 1.32]
Kayser, 2012	23	Tolcapone 200mg	0.11 [0.01, 0.20]
Scholz, 2022	35, 35	Tolcapone 200mg	0.03 [−0.44, 0.50]
Jocham, 2011	16	Amisulpride 200mg	−0.93 [−1.75, −0.11]
Graf, 2018	17	Amisulpride 200mg/day	0.21 [−0.44, 0.86]
Jocham, 2014	22	Amisulpride 400mg	0.44 [−0.02, 0.90]
Kahnt, 2015	27, 24	Amisulpride 400mg	0.24 [−0.31, 0.79]
Weber, 2016	40, 40	Amisulpride 400mg	−0.58 [−1.02, −0.13]
Murray, 2019	18, 18	Amisulpride 400mg	−0.04 [−0.69, 0.62]
Mikus, 2022	38, 35	Amisulpride 400mg	0.38 [−0.08, 0.84]
Cremer, 2023	23, 22	Amisulpride 400mg	0.59 [−0.00, 1.19]
Admon, 2017	20, 18	Amisulpride 50mg	−0.26 [−0.90, 0.38]
Frank, 2006	19, 20	Haloperidol 2mg	−0.37 [−1.00, 0.26]
Wagner, 2020	23, 26	Haloperidol 2mg	−0.53 [−1.10, 0.04]
Erfian Abdoust, 2024	62	Haloperidol 2mg	−0.00 [−0.12, 0.12]
Abler, 2007	8	Olanzapine 5mg	0.66 [−0.11, 1.42]
Diederen, 2017	19, 19	Sulpiride 600mg	0.58 [−0.07, 1.23]
Haarsma, 2021	20, 20	Sulpiride 600mg	0.71 [0.07, 1.35]
Eisenegger, 2014	41, 35	Sulpiride 800mg	−0.05 [−0.50, 0.40]
Grob, 2012	28, 28	AMPT 40mg/kg	−0.36 [−0.88, 0.17]
Cox, 2015	10, 10	Phe / Tyr depletion 100g	0.00 [−0.88, 0.88]
Mehta, 2005	14	Phe / Tyr depletion	−0.17 [−0.88, 0.54]
Hebart, 2015	35, 34	Phe / Tyr depletion	0.65 [0.17, 1.14]
Kelm, 2013	15	Phe / Tyr depletion 68.7g	−0.03 [−0.26, 0.20]
Random−effects meta−analysis:			0.10 [−0.00, 0.20]

Decreased reward function / Increased reward function

SMD (95% CI)