	Fluoxetine			Control			Std. Mean Difference			Std. Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	Year	IV, Random, 95% CI
3.2.1 Higher doses										
Iñiguez 2010 20 mg	130.01	20.68	5	178.77	27.64	5	3.5%	-1.80 [-3.41, -0.20]	2010	
Vorhees 2011 10 mg	169.21	71.08	20	161.26	69.28	19	7.4%	0.11 [-0.52, 0.74]	2011	
Homberg 2011 12 mg	97.66	47.38	10	65.49	24.07	10	6.0%	0.82 [-0.10, 1.74]	2011	
Yoo 2013 10 mg	146.08	36.18	5	64.79	43.1	5	3.5%	1.85 [0.23, 3.46]	2013	
Badenhorst 2017 10 mg	239.96	25.7	15	249.08	23.47	15	7.0%	-0.36 [-1.08, 0.36]	2016	+
Sonei 2017 7.5 mg	135.25	10.28	8	109.89	30.11	8	5.4%	1.07 [-0.00, 2.13]	2016	
Schoeman 2017 10 mg	195.13	25.76	7	190.71	26.28	8	5.6%	0.16 [-0.86, 1.18]	2017	
Yu 2022 20 mg Subtotal (95% CI)	23.91	19.58	12 82	27.83	24.1	12 82	6.6% 45.1%	-0.17 [-0.97, 0.63] 0.19 [-0.34, 0.72]	2022	•
Heterogeneity: Tau ² = 0.33	3; Chi² = 1	7.34, df	f = 7 (P	= 0.02);	$I^2 = 60\%$	6				
Test for overall effect: Z =	0.71 (P =	0.48)	•	,						
3.2.2 Lower doses										
Oh 2009 B6 strain 3 mg	78.05	10.91	36	82.33	9.41	34	8.1%	-0.41 [-0.89, 0.06]	2009	
Oh 2009 SW strain 3 mg	54.72	9.93	29	44.48	7.95	31	7.8%	1.13 [0.58, 1.68]	2009	
Vorhees 2011 3 mg	154.64	69.8	21	161.26	69.28	19	7.5%	-0.09 [-0.71, 0.53]	2011	+
Warren 2011 5 mg	101.83	25.2	7	152.38	25.2	7	4.4%	-1.88 [-3.21, -0.55]	2011	
Bouet 2012 5 mg	129.57	34.95	10	125.81	37.1	10	6.3%	0.10 [-0.78, 0.98]	2012	
Schoeman 2017 5 mg	148.23	25.76	7	190.71	26.28	8	4.9%	-1.54 [-2.73, -0.34]	2017	
Masrour 2018 5 mg	81.66	13.96	7	88.54	22.54	7	5.4%	-0.34 [-1.40, 0.71]	2018	
Sahafi 2018 5 mg	79.72	29.61	6	90.02	27.02	6	5.1%	-0.34 [-1.48, 0.81]	2018	
Zolfaghari 2021 5 mg Subtotal (95% CI)	90.05	27.19	7 130	99.84	19.42	7 129	5.4% 54.9%	-0.39 [-1.45, 0.67] - 0.31 [-0.88, 0.26]	2021	•
Heterogeneity: Tau ² = 0.53 Test for overall effect: Z =			f = 8 (P	< 0.000	1); I ² = 7	7%				
Total (95% CI)			212			211	100.0%	-0.07 [-0.46, 0.31]		•
Heterogeneity: Tau ² = 0.42	2; Chi² = 5	2.64. df	f = 16 (I	P < 0.000	001): l² :	= 70%				
Test for overall effect: Z =	•	-	(, .	/, -					-4 -2 0 2 4
Test for subgroup difference	`	,	df = 1 (1	P = 0.20\	l ² = 38	10%				Favours fluoxetine Favours control

Forest plot of the effects of chronic fluoxetine at higher (7.5-20 mg/kg/day) or lower (3-5 mg/kg/day) doses vs. vehicle on depressive-like behavior in naive animals measured as immobility time in the FST.