Patients Study	with schize Total Mea		Healthy Total Mea	controls n SD	Standardised Mean Difference	SMD	95%-CI	Weight (fixed)	Weight (random)
metabolite = Glu da Silva Alves et al. 2011 Goldstein et al. 2015 Smesny et al. 2015	42 1.1	7 1.0956 7 0.0766 1 1.0800	15 1.1	14 1.3500 2 0.0500 19 1.6840		-0.05 - 0.68 - 0.79	[-0.67; 0.56] [ 0.07; 1.28] [ 0.28; 1.31]	5.4% 5.7% 7.7%	6.9% 7.0% 8.1%
Chen et al. 2017 Maddock et al. 2018 Iwata et al. 2019 Kaminski et al. 2019	17 0.9 64 14.0	4 2.1514 0 0.0700 2 1.5500 2 1.0900	25 0.9 26 13.9	28 1.8677 90 0.0800 94 1.3200 92 0.9000		0.00 0.05	[-0.39; 0.75] [-0.62; 0.62] [-0.40; 0.51] [-0.72; 0.13]	6.4% 5.4% 9.9% 11.4%	7.4% 6.9% 8.9% 9.3%
Wang et al. 2019 Fixed effect model Random effects model Heterogeneity: $I^2 = 67\%$ , $\tau^2$	323	1 0.7500	84 6.6 263	55 0.5200		0.00	[-0.69; -0.06] [-0.17; 0.17] [-0.21; 0.40]	20.4% 72.3% 	10.9%  <b>65.5</b> %
metabolite = Glx Goto et al. 2012 Kegeles et al. 2012 Jessen et al. 2013 Coughlin et al. 2015 Hugdahl et al. 2015 Fixed effect model Random effects model Heterogeneity: I <sup>2</sup> = 34%, τ <sup>2</sup>	32 0.0 20 2.1 25 1.4 18 7.7 113	9 0.2800 0 0.0011 1 0.3000 0 0.2300 5 4.7804	22 0.0 20 2.0 16 1.3	07 0.4000 00 0.0005 06 0.3300 07 0.2060 00 4.1410		-0.27 0.16 0.12 -0.65 -0.08	[-0.31; 1.01] [-0.82; 0.27] [-0.46; 0.78] [-0.51; 0.75] [-1.26; -0.03] [-0.35; 0.19] [-0.41; 0.26]	4.8% 6.9% 5.3% 5.2% 5.4% 27.7%	6.4% 7.7% 6.8% 6.7% 6.9% 
Fixed effect model Random effects model Heterogeneity: $I^2 = 57\%$ , $\tau^2$ Residual heterogeneity: $I^2 = 10\%$	<b>436</b> = 0.0962, <i>p</i> ·	< 0.01	365		-1 -0.5 0 0.5 1		[-0.16; 0.12] [-0.19; 0.26]	100.0% 	 100.0%