Patients Study		schizophrenia Mean SD		althy controls Mean SD	Standardised Mean Difference	SMD	95%-CI	Weight (fixed)	Weight (random)
medication_status = unmedicated									
Kegeles2 et al. 2012	16		11.0		-		[-1.17; 0.38]		4.9%
Kaminski2 et al. 2019	19	7.89 0.8400	17.5	8.22 0.9000			[-1.03; 0.28]		6.0%
Fixed effect model	35		28.5				[-0.88; 0.13]	8.4%	
Random effects model Heterogeneity: $I^2 = 0\%$, $\tau^2 =$	0, p =	0.99				-0.38	[-0.88; 0.13]		11.0%
medication_status = naï	VΑ								
Goto et al. 2012	18	0.79 0.2800	18.0	0.67 0.4000		0.35	[-0.31; 1.01]	4.8%	6.0%
Smesny et al. 2015	_	11.61 1.0880		10.49 1.6840		0.330.79	-		7.6%
Chen et al. 2017	24		24.0				[-0.39; 0.75]	6.5%	7.0%
Fixed effect model	73		73.0	000		0.46	[0.13; 0.79]		
Random effects model						0.46	[0.08; 0.83]		20.6%
Heterogeneity: $I^2 = 22\%$, τ^2	= 0.025	50, $p = 0.28$							
medication_status = me					 				
da Silva Alves et al. 2011	11		23.0				[-0.76; 0.68]		5.4%
Kegeles et al. 2012	16		11.0				[-0.97; 0.57]		5.0%
Jessen et al. 2013	20		20.0				[-0.46; 0.78]	5.4%	6.4%
Coughlin et al. 2015	25	1.40 0.2300	16.0				[-0.51; 0.75]	5.3%	6.3%
Goldstein et al. 2015	42	1.17 0.0766	15.0	1.12 0.0500	-		[0.07; 1.28]		6.6%
Hugdahl et al. 2015	18	5.60 3.0000	26.0		 1_		[-1.31; -0.07]		6.4%
Iwata et al. 2019		14.02 1.5500	26.0				[-0.40; 0.51]		8.4%
Kaminski et al. 2019	36	7.94 1.2200	17.5	8.22 0.9000			[-0.82; 0.32]	6.4%	6.9%
Wang et al. 2019	72	6.41 0.7500	84.0	6.65 0.5200			[-0.69; -0.06]		10.4%
Fixed effect model	304		238.5				[-0.30; 0.06]		
Random effects model Heterogeneity: $I^2 = 44\%$, τ^2	= 0.06	10, <i>p</i> = 0.08				-0.08	[-0.33; 0.17]		62.0%
medication_status = und	clear								
Maddock et al. 2018	17	0.90 0.0700	25.0	0.90 0.0800		0.00	[-0.62; 0.62]	5.5%	6.4%
Fixed effect model	17		25.0			0.00	[-0.62; 0.62]	5.5%	
Random effects model Heterogeneity: not applicabl	е					0.00	[-0.62; 0.62]		6.4%
Fixed effect model	429		365.0			0_02	[-0.17; 0.12]	100 00/	
Random effects model	723		JUJ.U				[-0.17, 0.12] [-0.21; 0.22]		 100.0%
Heterogeneity: $I^2 = 52\%$, τ^2	– 0 000	0.8 n = 0.01				0.01	[-0.21, 0.22]		100.0 /6
Residual heterogeneity: $I^2 =$					-1 -0.5 0 0.5 1				
Nosidual fieldlogenelly. I =	. 55 /0,	0 – 0.11			-1 -0.0 0 0.0 1				