Reference	Statistics					OR; 95% confidence interval				lative weight
	Odd ratio (OR)	Lower limit	Upper limit	P-value						
Zibaei and Ghorbani. [20]	11.897	1.479	95.709	0.020	1	Ī	1 —			10.10
Kuk et al. [47]	5.939	0.635	55.530	0.118			-	-	_	9.02
Khalili et al. [48]	3.100	1.260	7.629	0.014	- 1					28.69
Esfandiari et al. [40]	2.939	0.756	11.429	0.120	- 1		- +-			18.66
Cicero et al. [39]	1.148	0.553	2.383	0.711	- 1		-			33.53
Pooled OR:	2.672	1.272	5.613	0.009					1	
					0.01	0.1	1	10	100	

Figure S1. Forest plot for sensitivity analysis (after removing of study by Khalilidehkordi et al. [49], which was a conference paper) pooled with random effects regarding the association between *Toxocara* infection/exposure (assessed by anti-Toxocara serum IgG antibody detection) and multiple sclerosis (MS), showing the odd ratio (OR) and a 95% confidence interval (CI). The *P*-value referred to the significance of OR.

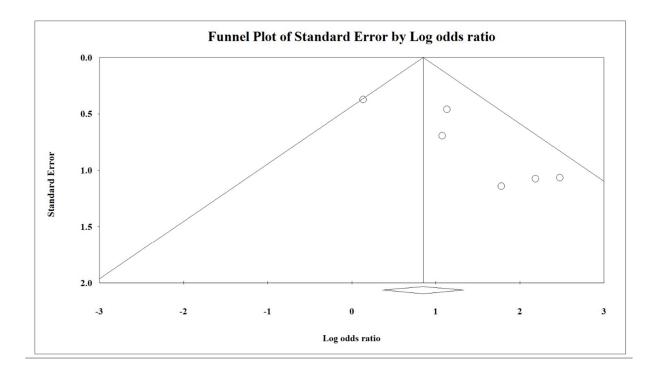


Figure S2. Publication bias calculated using an Egger's plot.