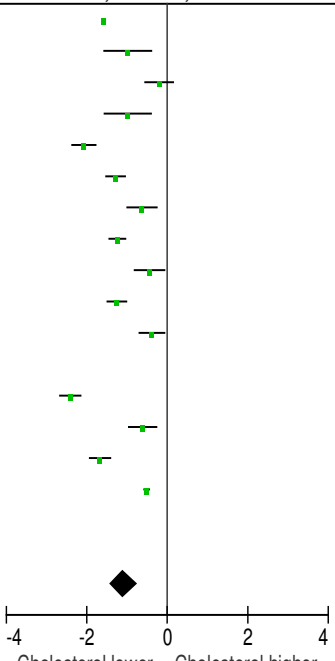
Study or Subgroup	Malaria cases Mean	SD	Total	Healthy controls Mean	SD	Total	Weight	Mean Difference IV, Random, 95% CI	Year
Seshadri 1981	2.82	0.09	30	4.4	0.11	39	7.1%	-1.58 [-1.63, -1.53]	1981
Djoumessi 1989	3.18	0.96	37	4.16	1.55	37	5.9%	-0.98 [-1.57, -0.39]	1989
Cuisinier-Raynal 1990	4.8	1.04	67	5	0.89	51	6.6%	-0.20 [-0.55, 0.15]	1990
Agbedana 1990	2.56	0.7	15	3.54	0.77	11	5.9%	-0.98 [-1.56, -0.40]	1990
Mohanty 1992	2.7	0.87	60	4.77	0.91	83	6.7%	-2.07 [-2.36, -1.78]	1992
Selvam 1992	3.9	1.04	98	5.18	0.83	174	6.9%	-1.28 [-1.52, -1.04]	1992
Sumitha 1996	5.46	0.5	20	6.09	0.68	20	6.6%	-0.63 [-1.00, -0.26]	1996
Das 1996	2.23	0.62	100	3.47	0.59	50	6.9%	-1.24 [-1.44, -1.04]	1996
Erel 1998	2.96	0.8	60	3.4	1.12	50	6.6%	-0.44 [-0.81, -0.07]	1998
Njoku 2001	2.95	0.35	33	4.2	0.49	22	6.9%	-1.25 [-1.49, -1.01]	2001
Faucher 2002	3.49	0.88	47	3.87	0.66	47	6.7%	-0.38 [-0.69, -0.07]	2002
Parola 2004	0	0	0	0	0	0		Not estimable	2004
Kim 2008	1.97	0.7	55	4.38	0.67	52	6.8%	-2.41 [-2.67, -2.15]	2008
Ogbodo 2008	2.27	0.43	20	2.88	0.58	15	6.6%	-0.61 [-0.96, -0.26]	2008
Al Omar 2010	1.93	1.59	200	3.6	0.99	200	6.8%	-1.67 [-1.93, -1.41]	2010
Mfonkeu 2010	2.57	0.14	139	3.08	0.21	45	7.1%	-0.51 [-0.58, -0.44]	2010
Eteng 2010	4.28	1.16	17	2.95	0.71	20		Not estimable	2010
Total (95% CI)			**981**			**896**	**100.0%**	**-1.09 [-1.44, -0.74]**	

Heterogeneity: Tau² = 0.44; Chi² = 897.72, df = 14 (P < 0.00001); I² = 98%

Test for overall effect: Z = 6.14 (P < 0.00001)