

Estimates of the mean square error associated with R_0 estimates

Table A: Estimates of the mean square error associated with R_0 estimates. Column 2 shows the mean square error of R_0 , as calculated using the default approach against R_0 calculated using study-specific seroprevalence data. Columns 2-7 hold the minimum, median, maximum 2.5th and 95.5th percentiles of the MSE values between the 1000 bootstrap-derived values of R_0 calculated using the regional collection of force of infection bootstrap values and the 1000 bootstrap-derived study-specific R_0 values. The final column holds the MSE between study-specific R_0 and the regional point estimate of R_0 .

	R_0 from study-specific seroprevalence data vs default R_0 estimate	Min	2.5 %	Median	97.5%	Max	R_0 from study-specific seroprevalence data vs R_0 from regional point estimate of the force of infection
All countries	6.97	4.76	7.31	16.03	125.75	1513.39	8.31
Africa	1.03	0.73	1.01	2.16	16.23	65.14	2.23
Americas	8.72	4.62	6.60	12.04	298.38	1992.15	9.36
Eastern Mediterranean	5.01	2.73	3.88	6.46	75.69	3183.24	4.61
Europe	22.56	6.83	13.16	44.09	694.90	11359.21	28.10
South East Asia	4.71	1.33	2.38	7.65	133.70	440.50	6.14
Western Pacific	1.36	0.86	1.04	2.44	18.57	281.34	1.39