Table I. Percent relative bias[a] for $\hat{R}_b$, I^2, and $\hat{R}_I$, by different numbers of studies (K), between-studies coefficient of variations (CV_B), and coefficient of variations of within-study variances (CV_{v_i}).

R_b	K	$CV_{v_i} = 0.5$			$CV_{v_i} = 1$			$CV_{v_i} = 2$		
		$\hat{R}_b$	$\hat{I}^2$	$\hat{R}_I$	$\hat{R}_b$	$\hat{I}^2$	$\hat{R}_I$	$\hat{R}_b$	$\hat{I}^2$	$\hat{R}_I$
$CV_B = 0.5$										
0.1	5	60	62	66	57	63	75	52	62	88
	20	30	35	36	21	33	37	16	40	51
	50	13	17	17	6	17	19	0	25	30
	100	4	8	8	-1	10	11	-6	18	21
0.5	5	-27	-26	-25	-27	-24	-20	-27	-19	-11
	20	-10	-6	-5	-9	3	5	-8	18	22
	50	-4	1	1	-4	11	12	-3	29	31
	100	-2	3	3	-2	14	15	-2	33	34
0.7	5	-22	-20	-19	-21	-17	-14	-19	-10	-4
	20	-5	-1	-1	-4	6	7	-5	16	18
	50	-2	2	3	-2	10	11	-2	21	22
	100	-1	4	4	-1	11	12	-1	22	23
$CV_B = 1$										
0.1	5	63	65	69	54	60	71	49	58	84
	20	30	35	36	21	33	37	10	33	44
	50	10	14	14	6	18	19	2	27	33
	100	5	9	9	0	10	11	-4	21	24
0.5	5	-27	-26	-25	-27	-23	-19	-27	-20	-11
	20	-10	-6	-6	-9	3	5	-8	17	22
	50	-4	0	1	-4	11	12	-3	29	31
	100	-2	3	3	-2	14	14	-2	33	35
0.7	5	-21	-19	-18	-21	-16	-13	-20	-11	-5
	20	-5	-1	-1	-5	6	7	-5	15	18
	50	-2	2	3	-2	10	11	-2	21	21
	100	-1	3	3	-1	11	12	-1	22	23
$CV_B = 3$										
0.1	5	61	63	67	56	61	73	53	63	89
	20	29	33	35	23	35	39	12	36	47
	50	12	15	16	7	19	20	1	26	32
	100	4	7	7	-1	9	10	-4	21	24
0.5	5	-27	-25	-24	-27	-23	-19	-26	-18	-10
	20	-10	-6	-6	-9	3	5	-8	17	22
	50	-4	1	1	-3	11	12	-4	28	31
	100	-2	3	3	-2	14	15	-2	33	34

R_b	K	$CV_{v_i} = 0.5$			$CV_{v_i} = 1$			$CV_{v_i} = 2$		
		$\hat{R}_b$	$\hat{I}^2$	$\hat{R}_I$	$\hat{R}_b$	$\hat{I}^2$	$\hat{R}_I$	$\hat{R}_b$	$\hat{I}^2$	$\hat{R}_I$
0.7	5	-21	-20	-19	-21	-17	-14	-19	-11	-5
	20	-5	-2	-1	-4	6	7	-4	16	18
	50	-2	2	3	-2	10	10	-2	21	21
	100	-1	3	3	-1	11	12	-1	22	23

Abbreviation: R_b, proportion of variance of the pooled random effects estimate due to between-studies heterogeneity; K, number of studies;
CV_B, between − studies coefficient of variation; CV_{v_i}, the coefficient of variation of within-study variances.

[a] Relative risk = 2