Main text Table 2

Estimates of SAUC with CR when $c_1^2 = 1, c_2^2 = 0$ for scenario 1-4

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Print table

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s.rdt <- "scenario/18rows/set-0.5b-all-c10.RData"
dt <- "res/DT-pkg-0.5b-all-c10/"
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Table 1: Estimates of sAUC when $c_1^2 = 1; c_2^2 = 0$

		$S = 25$		$S = 50$		$S = 200$	
	SAUC	Median (Q1, Q3)	CR	Median (Q1, Q3)	CR	Median (Q1, Q3)	CR
Proposed $(\hat{c}_1^2, \hat{c}_2^2)$	0.620	0.617 (0.503, 0.719)	99.3	0.626 (0.543, 0.690)	99.5	0.632 (0.591, 0.667)	99.2
Proposed $(c_1^2 = 1)$		0.641 (0.521, 0.731)	99.8	0.634 (0.548, 0.696)	99.7	0.624 (0.585, 0.660)	99.6
Proposed $(c_1^2 = c_2^2)$		0.623 (0.511, 0.714)	99.8	0.634 (0.561, 0.699)	99.9	0.656 (0.626, 0.683)	99.7
Reistma$_O$		0.665 (0.560, 0.738)	100.0	0.664 (0.607, 0.713)	100.0	0.662 (0.635, 0.688)	100.0
Reistma$_P$		0.630 (0.537, 0.701)	100.0	0.622 (0.563, 0.674)	100.0	0.620 (0.591, 0.646)	100.0
Proposed $(\hat{c}_1^2, \hat{c}_2^2)$	0.702	0.703 (0.621, 0.757)	99.6	0.700 (0.645, 0.740)	99.7	0.705 (0.685, 0.726)	100.0
Proposed $(c_1^2 = 1)$		0.721 (0.643, 0.766)	99.6	0.708 (0.657, 0.747)	99.7	0.705 (0.685, 0.724)	99.0
Proposed $(c_1^2 = c_2^2)$		0.702 (0.609, 0.759)	99.8	0.705 (0.654, 0.744)	99.6	0.713 (0.693, 0.732)	99.6
Reistma$_O$		0.725 (0.657, 0.770)	100.0	0.717 (0.676, 0.752)	100.0	0.717 (0.701, 0.734)	100.0
Reistma$_P$		0.708 (0.651, 0.751)	100.0	0.703 (0.668, 0.735)	100.0	0.703 (0.687, 0.719)	100.0
Proposed $(\hat{c}_1^2, \hat{c}_2^2)$	0.564	0.589 (0.524, 0.654)	99.9	0.582 (0.521, 0.637)	99.5	0.570 (0.537, 0.610)	98.7
Proposed $(c_1^2 = 1)$		0.581 (0.507, 0.648)	99.9	0.573 (0.518, 0.620)	100.0	0.566 (0.539, 0.591)	99.7
Proposed $(c_1^2 = c_2^2)$		0.616 (0.560, 0.665)	100.0	0.627 (0.589, 0.662)	99.8	0.641 (0.623, 0.660)	99.1
Reistma$_O$		0.649 (0.598, 0.695)	100.0	0.649 (0.620, 0.678)	100.0	0.649 (0.634, 0.665)	100.0
Reistma$_P$		0.567 (0.513, 0.611)	100.0	0.564 (0.529, 0.597)	100.0	0.563 (0.547, 0.582)	100.0
Proposed $(\hat{c}_1^2, \hat{c}_2^2)$	0.620	0.633 (0.575, 0.679)	99.9	0.636 (0.584, 0.673)	99.4	0.641 (0.609, 0.666)	98.6
Proposed $(c_1^2 = 1)$		0.631 (0.577, 0.679)	99.8	0.626 (0.589, 0.662)	100.0	0.620 (0.602, 0.637)	99.8
Proposed $(c_1^2 = c_2^2)$		0.641 (0.601, 0.685)	100.0	0.655 (0.621, 0.681)	99.6	0.666 (0.651, 0.680)	99.0
Reistma$_O$		0.670 (0.635, 0.707)	100.0	0.674 (0.647, 0.698)	100.0	0.673 (0.660, 0.684)	100.0
Reistma$_P$		0.620 (0.579, 0.657)	100.0	0.619 (0.589, 0.646)	100.0	0.618 (0.605, 0.632)	99.9

Note:
Proposed $(hatc_1^2, hatc_2^2)$ is the proposed model estimating $(c_1^2, c_2^2)^T$; Proposed $(hatc_1^2, hatc_2^2)$ is the proposed model specified $c_1^2 = c_2^2 = 0.5$; Reitsma$_O$ is Reitsma model based on the observed studies; and Reitsma$_P$ is Reitsma model based on the population studies.