Estimates of SAUC with CR, 3 True c vectors

t0.5

Yi

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Print table

```
s.rdt <- "../../scenario/scenario-t0.5/set-t0.5-c11.RData"
dt <- "c11"


# s.rdt <- "../../scenario/scenario-t0.5/set-t0.5-c10.RData"
# dt <- "c10"
#
#
# s.rdt <- "../../scenario/scenario-t0.5/set-t0.5-c01.RData"
# dt <- "c01"
```

With No column

Without No column

Table 1: Estimates of SAUC when true $c_1 = c_2$

			$S = 25$		$S = 50$		$S = 200$	
No.		True	Median (Q1, Q3)	CR	Median (Q1, Q3)	CR	Median (Q1, Q3)	CR
1	Proposed $(\hat{c}_1, \hat{c}_2)$	0.620	0.642 (0.460, 0.744)	99.4	0.618 (0.501, 0.703)	99.1	0.620 (0.573, 0.666)	99.4
	Proposed $(c_1 = c_2)$		0.639 (0.467, 0.747)	99.9	0.625 (0.518, 0.701)	99.9	0.626 (0.583, 0.669)	99.6
	Proposed $(c_1 = 1)$		0.676 (0.549, 0.760)	90.7	0.664 (0.583, 0.729)	83.0	0.669 (0.636, 0.700)	45.5
	Reistma$_O$		0.681 (0.562, 0.761)	100.0	0.669 (0.591, 0.731)	100.0	0.673 (0.642, 0.702)	100.0
	Reistma$_P$		0.638 (0.512, 0.719)	100.0	0.624 (0.548, 0.679)	100.0	0.621 (0.590, 0.654)	100.0
2	Proposed $(\hat{c}_1, \hat{c}_2)$	0.702	0.714 (0.610, 0.772)	99.6	0.710 (0.650, 0.758)	99.3	0.705 (0.679, 0.727)	98.9
	Proposed $(c_1 = c_2)$		0.713 (0.607, 0.770)	99.9	0.709 (0.653, 0.757)	99.7	0.705 (0.680, 0.726)	99.4
	Proposed $(c_1 = 1)$		0.732 (0.655, 0.782)	91.6	0.729 (0.688, 0.766)	82.9	0.726 (0.705, 0.742)	46.3
	Reistma$_O$		0.733 (0.658, 0.781)	99.9	0.732 (0.692, 0.769)	100.0	0.728 (0.709, 0.745)	100.0
	Reistma$_P$		0.714 (0.635, 0.759)	100.0	0.709 (0.664, 0.744)	100.0	0.702 (0.682, 0.719)	100.0
3	Proposed $(\hat{c}_1, \hat{c}_2)$	0.846	0.847 (0.799, 0.869)	98.9	0.848 (0.815, 0.866)	97.9	0.848 (0.834, 0.859)	98.9
	Proposed $(c_1 = c_2)$		0.847 (0.798, 0.869)	98.8	0.847 (0.814, 0.866)	98.5	0.847 (0.833, 0.858)	99.1
	Proposed $(c_1 = 1)$		0.850 (0.807, 0.871)	99.5	0.853 (0.827, 0.868)	99.5	0.854 (0.843, 0.863)	99.3
	Reistma$_O$		0.858 (0.817, 0.876)	100.0	0.860 (0.839, 0.874)	100.0	0.862 (0.851, 0.869)	100.0
	Reistma$_P$		0.843 (0.800, 0.864)	100.0	0.845 (0.819, 0.861)	100.0	0.846 (0.835, 0.855)	100.0
4	Proposed $(\hat{c}_1, \hat{c}_2)$	0.864	0.860 (0.838, 0.874)	99.0	0.863 (0.852, 0.873)	98.7	0.865 (0.859, 0.869)	99.4
	Proposed $(c_1 = c_2)$		0.860 (0.838, 0.875)	98.2	0.863 (0.851, 0.873)	98.2	0.864 (0.858, 0.869)	99.4
	Proposed $(c_1 = 1)$		0.862 (0.843, 0.875)	99.6	0.866 (0.855, 0.874)	99.6	0.867 (0.862, 0.872)	99.5
	Reistma$_O$		0.867 (0.849, 0.879)	100.0	0.871 (0.861, 0.879)	100.0	0.872 (0.868, 0.877)	100.0
	Reistma$_P$		0.860 (0.843, 0.872)	100.0	0.862 (0.853, 0.871)	100.0	0.864 (0.859, 0.868)	100.0
5	Proposed $(\hat{c}_1, \hat{c}_2)$	0.877	0.861 (0.808, 0.891)	99.3	0.877 (0.847, 0.895)	99.6	0.879 (0.865, 0.889)	99.4
	Proposed $(c_1 = c_2)$		0.859 (0.804, 0.890)	99.9	0.875 (0.843, 0.893)	99.6	0.877 (0.863, 0.887)	99.2
	Proposed $(c_1 = 1)$		0.855 (0.796, 0.887)	99.1	0.868 (0.831, 0.890)	98.7	0.869 (0.855, 0.882)	99.6
	Reistma$_O$		0.862 (0.808, 0.895)	100.0	0.876 (0.843, 0.897)	100.0	0.878 (0.863, 0.889)	100.0
	Reistma$_P$		0.866 (0.820, 0.893)	100.0	0.877 (0.848, 0.893)	100.0	0.876 (0.865, 0.887)	100.0
6	Proposed $(\hat{c}_1, \hat{c}_2)$	0.835	0.832 (0.776, 0.873)	99.1	0.835 (0.797, 0.867)	99.4	0.838 (0.821, 0.855)	99.2
	Proposed $(c_1 = c_2)$		0.825 (0.770, 0.871)	99.4	0.831 (0.793, 0.862)	99.6	0.835 (0.818, 0.850)	99.8
	Proposed $(c_1 = 1)$		0.819 (0.767, 0.866)	98.1	0.826 (0.790, 0.855)	98.6	0.830 (0.814, 0.845)	99.5
	Reistma$_O$		0.827 (0.776, 0.871)	100.0	0.835 (0.798, 0.863)	100.0	0.839 (0.824, 0.853)	100.0
	Reistma$_P$		0.823 (0.774, 0.866)	100.0	0.830 (0.795, 0.858)	100.0	0.835 (0.819, 0.848)	100.0

Note:
Proposed $(hatc_1, hatc_2)$ is the proposed model estimating (c_1, c_2); Proposed $(c_1 = c_2)$ is the proposed model correctly specifying that $c_1 = c_2$; Proposed $(c_1 = 1)$ is the proposed model misspecifying that $(c_1, c_2) = (1, 0)$; Reitsma$_O$ is Reitsma model based on the observed studies; and Reitsma$_P$ is Reitsma model based on the population studies.