Estimates of SAUC with CR, 3 True c vectors

t12

Yi

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Print table

```
s.rdt <- "../../scenario/scenario-t12/set-t12-c11.RData"
dt <- "c11"


# s.rdt <- "../../scenario/scenario-t12/set-t12-c10.RData"
# dt <- "c10"


# s.rdt <- "../../scenario/scenario-t12/set-t12-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 $(\hat{c}_1, \hat{c}_2)$	0.564	0.027 (0.484, 0.670)	99.5	0.004 (0.493, 0.631)	99.9	-0.001 (0.523, 0.607)	99.8
	Proposed $(c_1 = c_2)$		0.033 (0.503, 0.672)	99.9	0.018 (0.512, 0.639)	99.8	0.010 (0.537, 0.610)	98.9
	Proposed $(c_1 = 0)$		0.096 (0.593, 0.717)	83.7	0.094 (0.608, 0.699)	71.6	0.100 (0.641, 0.686)	24.9
	Reistma$_O$		0.113 (0.615, 0.727)	99.9	0.106 (0.629, 0.708)	99.9	0.110 (0.653, 0.692)	100.0
	Reistma$_P$		0.003 (0.517, 0.615)	99.9	-0.001 (0.529, 0.595)	100.0	0.002 (0.546, 0.583)	100.0
2	Proposed $(\hat{c}_1, \hat{c}_2)$	0.620	0.014 (0.558, 0.702)	99.7	0.004 (0.566, 0.669)	99.5	-0.001 (0.583, 0.651)	99.5
	Proposed $(c_1 = c_2)$		0.018 (0.566, 0.699)	99.5	0.012 (0.581, 0.679)	99.6	0.004 (0.595, 0.649)	98.9
	Proposed $(c_1 = 0)$		0.071 (0.633, 0.735)	83.9	0.072 (0.658, 0.721)	66.1	0.072 (0.675, 0.704)	21.2
	Reistma$_O$		0.079 (0.649, 0.739)	99.8	0.080 (0.664, 0.729)	99.9	0.077 (0.681, 0.711)	100.0
	Reistma$_P$		0.001 (0.579, 0.658)	99.8	-0.001 (0.591, 0.648)	100.0	-0.001 (0.605, 0.633)	99.9
3	Proposed $(\hat{c}_1, \hat{c}_2)$	0.828	0.012 (0.796, 0.873)	99.9	0.009 (0.799, 0.863)	99.7	0.002 (0.811, 0.846)	99.8
	Proposed $(c_1 = c_2)$		0.008 (0.795, 0.871)	99.8	0.008 (0.804, 0.863)	99.7	0.001 (0.813, 0.845)	99.9
	Proposed $(c_1 = 0)$		0.025 (0.819, 0.883)	98.0	0.030 (0.832, 0.877)	96.7	0.035 (0.850, 0.873)	87.6
	Reistma$_O$		0.044 (0.842, 0.892)	100.0	0.045 (0.852, 0.888)	99.7	0.044 (0.863, 0.880)	99.9
	Reistma$_P$		0.001 (0.799, 0.850)	100.0	-0.001 (0.807, 0.845)	99.9	-0.000 (0.819, 0.836)	100.0
4	Proposed $(\hat{c}_1, \hat{c}_2)$	0.846	0.006 (0.818, 0.877)	99.5	0.003 (0.827, 0.868)	99.5	0.002 (0.836, 0.859)	99.5
	Proposed $(c_1 = c_2)$		0.004 (0.819, 0.876)	99.4	0.004 (0.829, 0.868)	99.7	0.002 (0.837, 0.858)	100.0
	Proposed $(c_1 = 0)$		0.018 (0.838, 0.885)	97.5	0.020 (0.850, 0.880)	95.8	0.024 (0.861, 0.877)	82.5
	Reistma$_O$		0.027 (0.853, 0.892)	99.9	0.028 (0.861, 0.887)	99.8	0.029 (0.869, 0.882)	100.0
	Reistma$_P$		-0.001 (0.824, 0.864)	100.0	-0.001 (0.833, 0.858)	99.9	-0.000 (0.839, 0.852)	100.0
5	Proposed $(\hat{c}_1, \hat{c}_2)$	0.892	-0.000 (0.869, 0.909)	99.6	-0.000 (0.875, 0.905)	99.6	0.000 (0.884, 0.899)	99.7
	Proposed $(c_1 = c_2)$		-0.000 (0.872, 0.909)	99.6	0.001 (0.879, 0.905)	99.8	0.001 (0.885, 0.899)	99.2
	Proposed $(c_1 = 0)$		-0.003 (0.862, 0.909)	99.4	0.001 (0.873, 0.907)	99.3	0.006 (0.888, 0.904)	98.3
	Reistma$_O$		0.012 (0.888, 0.919)	99.9	0.015 (0.897, 0.916)	100.0	0.017 (0.903, 0.913)	99.9
	Reistma$_P$		-0.001 (0.873, 0.905)	99.8	-0.000 (0.879, 0.901)	100.0	0.000 (0.886, 0.897)	99.9
6	Proposed $(\hat{c}_1, \hat{c}_2)$	0.877	-0.000 (0.852, 0.896)	99.7	-0.001 (0.861, 0.890)	99.8	0.000 (0.870, 0.885)	99.1
	Proposed $(c_1 = c_2)$		0.001 (0.858, 0.896)	99.5	0.001 (0.864, 0.892)	99.9	0.001 (0.872, 0.885)	99.6
	Proposed $(c_1 = 0)$		-0.004 (0.848, 0.893)	99.0	-0.001 (0.859, 0.891)	99.1	0.003 (0.871, 0.888)	97.3
	Reistma$_O$		0.011 (0.870, 0.903)	99.9	0.013 (0.877, 0.901)	99.8	0.014 (0.886, 0.896)	100.0
	Reistma$_P$		-0.002 (0.858, 0.891)	100.0	-0.000 (0.865, 0.889)	99.8	-0.000 (0.872, 0.883)	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.