

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 $c_1 = c_2$

No.		True	$S = 25$		$S = 50$		$S = 200$	
			Median (Q1, Q3)	CR	Median (Q1, Q3)	CR	Median (Q1, Q3)	CR
1	Proposed (\hat{c}_1, \hat{c}_2)	0.564	0.591 (0.484, 0.670)	99.5	0.567 (0.493, 0.631)	99.9	0.563 (0.523, 0.607)	99.8
	Proposed ($c_1 = c_2$)		0.596 (0.503, 0.672)	99.9	0.582 (0.512, 0.639)	99.8	0.574 (0.537, 0.610)	98.9
	Proposed ($c_1 = 1$)		0.660 (0.593, 0.717)	83.7	0.658 (0.608, 0.699)	71.6	0.663 (0.641, 0.686)	24.9
	Reistma _O		0.676 (0.615, 0.727)	99.9	0.670 (0.629, 0.708)	99.9	0.673 (0.653, 0.692)	100.0
	Reistma _P		0.567 (0.517, 0.615)	99.9	0.563 (0.529, 0.595)	100.0	0.566 (0.546, 0.583)	100.0
2	Proposed (\hat{c}_1, \hat{c}_2)	0.620	0.634 (0.558, 0.702)	99.7	0.624 (0.566, 0.669)	99.5	0.619 (0.583, 0.651)	99.5
	Proposed ($c_1 = c_2$)		0.637 (0.566, 0.699)	99.5	0.631 (0.581, 0.679)	99.6	0.624 (0.595, 0.649)	98.9
	Proposed ($c_1 = 1$)		0.690 (0.633, 0.735)	83.9	0.692 (0.658, 0.721)	66.1	0.692 (0.675, 0.704)	21.2
	Reistma _O		0.699 (0.649, 0.739)	99.8	0.700 (0.664, 0.729)	99.9	0.697 (0.681, 0.711)	100.0
	Reistma _P		0.621 (0.579, 0.658)	99.8	0.619 (0.591, 0.648)	100.0	0.619 (0.605, 0.633)	99.9
3	Proposed (\hat{c}_1, \hat{c}_2)	0.828	0.840 (0.796, 0.873)	99.9	0.837 (0.799, 0.863)	99.7	0.830 (0.811, 0.846)	99.8
	Proposed ($c_1 = c_2$)		0.835 (0.795, 0.871)	99.8	0.836 (0.804, 0.863)	99.7	0.829 (0.813, 0.845)	99.9
	Proposed ($c_1 = 1$)		0.853 (0.819, 0.883)	98.0	0.858 (0.832, 0.877)	96.7	0.863 (0.850, 0.873)	87.6
	Reistma _O		0.872 (0.842, 0.892)	100.0	0.873 (0.852, 0.888)	99.7	0.872 (0.863, 0.880)	99.9
	Reistma _P		0.829 (0.799, 0.850)	100.0	0.826 (0.807, 0.845)	99.9	0.827 (0.819, 0.836)	100.0
4	Proposed (\hat{c}_1, \hat{c}_2)	0.846	0.852 (0.818, 0.877)	99.5	0.850 (0.827, 0.868)	99.5	0.848 (0.836, 0.859)	99.5
	Proposed ($c_1 = c_2$)		0.850 (0.819, 0.876)	99.4	0.850 (0.829, 0.868)	99.7	0.848 (0.837, 0.858)	100.0
	Proposed ($c_1 = 1$)		0.864 (0.838, 0.885)	97.5	0.866 (0.850, 0.880)	95.8	0.870 (0.861, 0.877)	82.5
	Reistma _O		0.873 (0.853, 0.892)	99.9	0.874 (0.861, 0.887)	99.8	0.876 (0.869, 0.882)	100.0
	Reistma _P		0.846 (0.824, 0.864)	100.0	0.845 (0.833, 0.858)	99.9	0.846 (0.839, 0.852)	100.0
5	Proposed (\hat{c}_1, \hat{c}_2)	0.892	0.891 (0.869, 0.909)	99.6	0.891 (0.875, 0.905)	99.6	0.892 (0.884, 0.899)	99.7
	Proposed ($c_1 = c_2$)		0.892 (0.872, 0.909)	99.6	0.893 (0.879, 0.905)	99.8	0.892 (0.885, 0.899)	99.2
	Proposed ($c_1 = 1$)		0.889 (0.862, 0.909)	99.4	0.893 (0.873, 0.907)	99.3	0.897 (0.888, 0.904)	98.3
	Reistma _O		0.904 (0.888, 0.919)	99.9	0.907 (0.897, 0.916)	100.0	0.908 (0.903, 0.913)	99.9
	Reistma _P		0.891 (0.873, 0.905)	99.8	0.891 (0.879, 0.901)	100.0	0.892 (0.886, 0.897)	99.9
6	Proposed (\hat{c}_1, \hat{c}_2)	0.877	0.877 (0.852, 0.896)	99.7	0.876 (0.861, 0.890)	99.8	0.878 (0.870, 0.885)	99.1
	Proposed ($c_1 = c_2$)		0.878 (0.858, 0.896)	99.5	0.879 (0.864, 0.892)	99.9	0.878 (0.872, 0.885)	99.6
	Proposed ($c_1 = 1$)		0.873 (0.848, 0.893)	99.0	0.877 (0.859, 0.891)	99.1	0.881 (0.871, 0.888)	97.3
	Reistma _O		0.888 (0.870, 0.903)	99.9	0.890 (0.877, 0.901)	99.8	0.891 (0.886, 0.896)	100.0
	Reistma _P		0.875 (0.858, 0.891)	100.0	0.877 (0.865, 0.889)	99.8	0.877 (0.872, 0.883)	100.0

Note:

Proposed (\hat{c}_1, \hat{c}_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 $(c_1, c_2) = (1, 0)$; Reistma_O is Reitsma model based on the observed studies; and Reistma_P is Reitsma model based on the population studies.