Appendix Table 14-17

Estimates of other parameters when $c_1^2=1,\ c_2^2=0$ for scenario 5-8

Yi

2021-04-05

Load data

```
s.rdt <- "scenario/18rows/set-0.5b-all-c10.RData"
dt <- "res/DT-pkg-0.5b-all-c10/"</pre>
```

Scenario 9

Scenario 10

Scenario 15

Scenario 16

Table 1: Estimates of the parameters when $c_1^2 = 1, c_2^2 = 0$

S_P	Par	True	Proposed $(\tilde{c}_1^2, \tilde{c}_2^2)$	Proposed $(c_1^2 = 1)$	Proposed $(c_1^2 = c_2^2)$	$\mathrm{Reitsma}_O$	$Reitsma_{P}$
25	SAUC	0.828	0.837 (0.801, 0.866)	0.833 (0.791, 0.864)	0.844 (0.814, 0.869)	0.860 (0.837, 0.881)	0.826 (0.799, 0.850)
	μ_1	1.386	1.576 (1.368, 1.803)	1.431 (1.159, 1.654)	1.658 (1.469, 1.821)	1.710 (1.550, 1.868)	1.385 (1.218, 1.541)
	μ_2	1.386	$0.744\ (0.204,\ 1.282)$	$1.371\ (0.997,\ 1.716)$	$0.688 \ (0.163, \ 1.179)$	$1.208 \ (0.866, 1.564)$	$1.392\ (1.119,\ 1.687)$
	$ au_1^2 \ au_2^2$	1.000	$0.698\ (0.464,\ 0.980)$	$0.836\ (0.504,\ 1.315)$	$0.605 \ (0.412, \ 0.842)$	$0.587\ (0.404,\ 0.812)$	$0.915 \ (0.670, \ 1.158)$
	$ au_2^2$	4.000	4.476 (3.128, 6.033)	$3.632\ (2.690,\ 4.684)$	4.443 (3.145, 6.055)	$3.438\ (2.595,\ 4.491)$	$3.659\ (2.932,\ 4.595)$
	$ au_{12}$	-0.600	-0.308 (-0.768, 0.065)	-0.465 (-0.972, -0.098)	$-0.250 \ (-0.636, \ 0.092)$	-0.358 (-0.705, -0.076)	-0.532 (-0.875, -0.255)
	c_{1}^{2}	1.000	$0.760 \ (0.238, \ 0.993)$				
	β	0.500	$1.291 \ (0.381, \ 2.000)$	$0.656 \ (0.241, \ 2.000)$	$0.270 \ (0.062, \ 0.844)$		
	$\alpha_{0.7}$	-0.569	-0.447 (-1.669, 0.460)	-0.578 (-1.304, -0.122)	0.102 (-0.267, 0.409)		
	CR		99.8	99.7	99.5	99.8	99.8
50	SAUC	0.828	$0.834\ (0.806,\ 0.858)$	$0.832\ (0.806,\ 0.855)$	$0.849\ (0.829,\ 0.865)$	$0.862\ (0.847,\ 0.878)$	$0.826\ (0.808,\ 0.845)$
	μ_1	1.386	1.546 (1.367, 1.738)	1.418 (1.213, 1.595)	1.668 (1.546, 1.785)	1.719 (1.602, 1.840)	1.376 (1.262, 1.504)
	μ_2	1.386	0.859 (0.348, 1.292)	1.378 (1.121, 1.651)	$0.778 \ (0.359, 1.152)$	$1.226 \ (0.985, 1.455)$	1.386 (1.182, 1.584)
	$ au_1^2 \ au_2^2$	1.000	$0.756 \ (0.600, \ 0.978)$	$0.905 \ (0.655, 1.270)$	$0.663 \ (0.532, \ 0.806)$	$0.648\ (0.527,\ 0.787)$	$0.958 \ (0.807, 1.141)$
	$ au_2^2$	4.000	4.477 (3.551, 5.507)	$3.820 \ (3.104, 4.558)$	4.398 (3.496, 5.557)	3.710(3.024, 4.375)	3.832 (3.310, 4.448)
	$ au_{12}$	-0.600	-0.373 (-0.704, -0.025)	-0.565 (-0.922, -0.269)	-0.345 (-0.598, -0.049)	-0.425 (-0.654, -0.208)	-0.576 (-0.817, -0.347)
	c_{1}^{2}	1.000	$0.857 \ (0.393, \ 1.000)$				
	β	0.500	$0.613 \ (0.307, \ 1.196)$	$0.542\ (0.273,\ 0.930)$	$0.183\ (0.042,\ 0.449)$		
	$\alpha_{0.7}$	-0.569	-0.473 (-1.062, 0.257)	-0.525 (-0.917, -0.244)	$0.143 \ (-0.112, \ 0.386)$		
	CR		99.8	99.7	99.6	99.9	100
200	SAUC	0.828	0.834 (0.817, 0.849)	0.828 (0.815, 0.841)	$0.852\ (0.842,\ 0.862)$	$0.864 \ (0.856, \ 0.871)$	$0.828 \ (0.819, \ 0.835)$
	μ_1	1.386	1.489 (1.356, 1.651)	1.394 (1.290, 1.480)	$1.682 \ (1.621, \ 1.738)$	1.727 (1.672, 1.777)	1.383 (1.332, 1.436)
	μ_2	1.386	1.108 (0.721, 1.381)	1.394 (1.239, 1.518)	$0.905 \ (0.623, 1.123)$	1.232 (1.102, 1.343)	1.384 (1.296, 1.488)
	$\begin{array}{c} \tau_1^2 \\ \tau_2^2 \end{array}$	1.000	$0.816 \ (0.705, 1.004)$	0.973 (0.814, 1.170)	$0.681\ (0.608,\ 0.765)$	$0.678 \ (0.607, \ 0.758)$	0.994 (0.903, 1.080)
	$ au_2^2$	4.000	4.168 (3.761, 4.703)	3.933 (3.614, 4.327)	4.261 (3.849, 4.852)	3.853 (3.538, 4.236)	3.977 (3.668, 4.263)
	$ au_{12}$	-0.600	-0.448 (-0.631, -0.246)	-0.584 (-0.760, -0.413)	-0.372 (-0.513, -0.220)	-0.432 (-0.547, -0.315)	-0.597 (-0.717, -0.473)
	c_{1}^{2}	1.000	$0.972 \ (0.564, \ 1.000)$				
	$ar{eta}$	0.500	$0.467 \ (0.280, \ 0.644)$	$0.524\ (0.383,\ 0.670)$	$0.130\ (0.023,\ 0.263)$		
	$\alpha_{0.7}$	-0.569	-0.495 (-0.737, -0.048)	-0.564 (-0.709, -0.424)	$0.128 \ (-0.061, \ 0.396)$		
	CR		97.9	99.9	98.1	99.9	99.9

Table 2: Estimates of the parameters when $c_1^2=1, c_2^2=0$

S_P	Par	True	Proposed $(\tilde{c}_1^2, \tilde{c}_2^2)$	Proposed $(c_1^2 = 1)$	Proposed $(c_1^2 = c_2^2)$	$Reitsma_O$	$Reitsma_{P}$
25	SAUC	0.846	$0.851 \ (0.825, \ 0.873)$	$0.850 \ (0.823, \ 0.872)$	$0.855 \ (0.831, \ 0.875)$	0.869 (0.849, 0.885)	0.845 (0.824, 0.864)
	μ_1	1.386	$1.677 \ (1.427, \ 1.892)$	$1.428\ (1.172,\ 1.668)$	$1.706\ (1.529,\ 1.888)$	1.715 (1.548, 1.892)	$1.379\ (1.208,\ 1.539)$
	μ_2	1.386	0.539 (-0.025, 1.134)	$1.311\ (0.937,\ 1.718)$	$0.515\ (0.022,\ 0.971)$	$1.053\ (0.731,\ 1.380)$	$1.395\ (1.126,\ 1.668)$
	$\begin{array}{c} \tau_1^2 \\ \tau_2^2 \end{array}$	1.000	$0.679 \ (0.484, \ 0.974)$	$0.831\ (0.546,\ 1.290)$	$0.600 \ (0.446, \ 0.830)$	$0.594\ (0.432,\ 0.820)$	$0.924 \ (0.704, \ 1.186)$
	$ au_2^2$	4.000	$4.342\ (2.951,\ 5.724)$	3.495 (2.621, 4.659)	$4.137\ (2.946,\ 5.657)$	$3.239\ (2.431,\ 4.202)$	3.669 (2.933, 4.505)
	$ au_{12}$	-1.200	-0.877 (-1.354, -0.446)	-1.014 (-1.563, -0.590)	-0.757 (-1.171, -0.370)	-0.767 (-1.124, -0.453)	-1.101 (-1.493, -0.786)
	c_{1}^{2}	1.000	$0.644 \ (0.263, \ 0.955)$				
	β	0.500	$1.669 \ (0.467, \ 2.000)$	$0.631\ (0.227,\ 2.000)$	$0.353 \ (0.077, \ 1.252)$		
	$\alpha_{0.7}$	-0.570	-0.536 (-1.786, 0.423)	$-0.560 \ (-1.295, -0.088)$	-0.012 (-0.524, 0.333)		
	CR		99.4	99.8	100	100	100
50	SAUC	0.846	$0.851\ (0.833,\ 0.867)$	$0.850 \ (0.833, \ 0.865)$	$0.856\ (0.841,\ 0.871)$	$0.871\ (0.857,\ 0.882)$	$0.847\ (0.834,\ 0.859)$
	μ_1	1.386	$1.657 \ (1.454, \ 1.836)$	$1.431\ (1.240,\ 1.591)$	$1.725 \ (1.606, \ 1.841)$	$1.730\ (1.618,\ 1.833)$	$1.402 \ (1.289, \ 1.504)$
	μ_2	1.386	$0.593 \ (0.098, \ 1.072)$	$1.342\ (1.061,\ 1.612)$	$0.572\ (0.191,\ 0.882)$	$1.047 \ (0.817, 1.282)$	$1.372 \ (1.184, \ 1.566)$
	$\tau_1^2 \\ \tau_2^2$	1.000	$0.732\ (0.577,\ 0.936)$	$0.896 \ (0.659, 1.244)$	$0.640 \ (0.518, \ 0.794)$	$0.640\ (0.523,\ 0.790)$	$0.949 \ (0.788, 1.115)$
	$ au_2^2$	4.000	4.336 (3.402, 5.658)	3.708 (3.040, 4.636)	4.168 (3.351, 5.415)	$3.449\ (2.852,\ 4.159)$	3.868 (3.273, 4.496)
	$ au_{12}$	-1.200	-0.938 (-1.273, -0.593)	-1.096 (-1.460, -0.783)	-0.810 (-1.096, -0.560)	-0.831 (-1.080, -0.610)	-1.156 (-1.392, -0.921)
	c_{1}^{2}	1.000	$0.671\ (0.281,\ 0.965)$				
	β	0.500	$0.733 \ (0.363, \ 1.973)$	$0.538 \ (0.287, \ 1.022)$	$0.281 \ (0.085, \ 0.622)$		
	$\alpha_{0.7}$	-0.570	-0.470 (-1.270, 0.371)	-0.553 (-0.996, -0.271)	-0.008 (-0.359, 0.293)		
	CR		99.6	99.8	99.7	100	100
200	SAUC	0.846	$0.851\ (0.840,\ 0.861)$	$0.847 \ (0.838, \ 0.856)$	$0.860 \ (0.851, \ 0.867)$	$0.870\ (0.864,\ 0.876)$	$0.846 \ (0.839, \ 0.852)$
	μ_1	1.386	$1.618\ (1.424,\ 1.739)$	1.392 (1.299, 1.494)	$1.718\ (1.663,\ 1.776)$	$1.720\ (1.667,\ 1.777)$	$1.384 \ (1.326, 1.437)$
	μ_2	1.386	$0.856 \ (0.476, 1.259)$	$1.368 \ (1.235, \ 1.515)$	$0.655 \ (0.448, \ 0.869)$	$1.055 \ (0.931, \ 1.168)$	$1.390\ (1.284,\ 1.482)$
	$\begin{array}{c} \tau_1^2 \\ \tau_2^2 \end{array}$	1.000	$0.763 \ (0.668, \ 0.920)$	$0.969 \ (0.812, \ 1.140)$	$0.683 \ (0.612, \ 0.750)$	$0.689 \ (0.618, \ 0.758)$	$0.993 \ (0.902, \ 1.076)$
	$ au_2^2$	4.000	4.135 (3.719, 4.689)	3.958 (3.578, 4.385)	4.125 (3.698, 4.657)	3.666 (3.340, 4.006)	3.991 (3.689, 4.280)
	$ au_{12}$	-1.200	-0.962 (-1.171, -0.792)	-1.169 (-1.393, -0.995)	-0.869 (-1.004, -0.744)	-0.876 (-0.997, -0.764)	-1.197 (-1.323, -1.058)
	c_{1}^{2}	1.000	$0.782\ (0.406,\ 0.999)$				
	β	0.500	$0.437 \ (0.255, \ 0.641)$	$0.505 \ (0.375, \ 0.656)$	$0.200\ (0.084,\ 0.337)$		
	$\alpha_{0.7}$	-0.570	-0.473 (-0.779, 0.024)	-0.557 (-0.707, -0.422)	-0.019 (-0.188, 0.224)		
	CR		99.3	99.8	99.2	100	99.9

Table 3: Estimates of the parameters when $c_1^2 = 1, c_2^2 = 0$

S_P	Par	True	Proposed $(\tilde{c}_1^2, \tilde{c}_2^2)$	Proposed $(c_1^2 = 1)$	Proposed $(c_1^2 = c_2^2)$	$\mathrm{Reitsma}_O$	$Reitsma_{P}$
25	SAUC	0.892	0.902 (0.882, 0.918)	0.893 (0.866, 0.913)	0.907 (0.891, 0.923)	0.912 (0.897, 0.926)	$0.891\ (0.873,\ 0.905)$
	μ_1	2.197	2.307 (2.112, 2.533)	$2.224 \ (1.976, \ 2.435)$	$2.386\ (2.207,\ 2.567)$	$2.459 \ (2.279, \ 2.631)$	2.211 (2.048, 2.351)
	μ_2	-0.405	-1.003 (-1.499, -0.554)	-0.444 (-0.777, -0.062)	-1.041 (-1.543, -0.588)	-0.540 (-0.887, -0.208)	-0.406 (-0.681, -0.122)
	$ au_1^2 \ au_2^2$	1.000	$0.800 \ (0.564, \ 1.097)$	$0.861 \ (0.589, 1.263)$	$0.722\ (0.522,\ 0.970)$	$0.706\ (0.514,\ 0.942)$	$0.920 \ (0.676, \ 1.165)$
	$ au_2^2$	4.000	$4.581 \ (3.285, 5.876)$	3.753 (2.789, 4.928)	4.549 (3.256, 5.910)	$3.632\ (2.722,\ 4.786)$	$3.840\ (2.979,\ 4.702)$
	$ au_{12}$	-0.600	-0.384 (-0.794, 0.064)	-0.579 (-0.977, -0.154)	-0.342 (-0.746, 0.044)	-0.469 (-0.802, -0.120)	-0.598 (-0.900, -0.241)
	c_{1}^{2}	1.000	$0.767 \ (0.365, \ 0.961)$				
	β	0.500	$2.000 \ (0.429, \ 2.000)$	$0.665 \ (0.284, \ 2.000)$	$0.224\ (0.022,\ 0.660)$		
	$\alpha_{0.7}$	-1.266	-0.466 (-2.536, 1.071)	-1.624 (-3.615, -0.730)	$0.473 \ (0.233, \ 0.745)$		
	CR		99.2	99.5	99.5	100	99.8
50	SAUC	0.892	$0.900 \ (0.886, \ 0.913)$	$0.893\ (0.876,\ 0.907)$	$0.910\ (0.898,\ 0.920)$	$0.915\ (0.903,\ 0.923)$	$0.891\ (0.879,\ 0.902)$
	μ_1	2.197	2.278 (2.108, 2.443)	2.211 (2.058, 2.363)	2.400(2.271, 2.530)	$2.464 \ (2.352, \ 2.574)$	2.197 (2.085, 2.308)
	μ_2	-0.405	-0.945 (-1.389, -0.530)	-0.419 (-0.667, -0.146)	-0.980 (-1.376, -0.597)	-0.534 (-0.782, -0.314)	-0.412 (-0.607, -0.229)
	$ au_1^2 \ au_2^2$	1.000	$0.879\ (0.684,\ 1.116)$	$0.949 \ (0.715, \ 1.239)$	$0.787 \ (0.620, \ 0.948)$	$0.770\ (0.611,\ 0.932)$	$0.962 \ (0.814, 1.157)$
	$ au_2^2$	4.000	4.372 (3.524, 5.523)	3.737 (3.107, 4.497)	4.350 (3.537, 5.469)	3.663 (3.047, 4.400)	$3.861 \ (3.272, 4.436)$
	$ au_{12}$	-0.600	-0.342 (-0.659, -0.027)	-0.557 (-0.871, -0.288)	-0.357 (-0.627, -0.091)	-0.457 (-0.693, -0.231)	-0.561 (-0.807, -0.339)
	c_{1}^{2}	1.000	$0.835 \ (0.468, \ 0.988)$				
	β	0.500	$0.712 \ (0.351, \ 1.684)$	$0.556 \ (0.327, \ 0.929)$	$0.169\ (0.014,\ 0.390)$		
	$\alpha_{0.7}$	-1.266	-0.732 (-1.875, 0.528)	-1.372 (-2.172, -0.852)	$0.420 \ (0.267, \ 0.576)$		
	CR		98.8	99.2	99	99.9	100
200	SAUC	0.892	$0.897 \ (0.888, \ 0.906)$	$0.893\ (0.885,\ 0.901)$	$0.912\ (0.906,\ 0.917)$	$0.915\ (0.910,\ 0.920)$	$0.892\ (0.886,\ 0.897)$
	μ_1	2.197	2.247(2.150, 2.349)	$2.213 \ (2.129, \ 2.285)$	2.441 (2.377, 2.496)	2.469(2.410, 2.523)	2.197 (2.143, 2.254)
	μ_2	-0.405	-0.655 (-0.936, -0.429)	-0.412 (-0.536, -0.276)	-0.775 (-0.992, -0.568)	-0.540 (-0.665, -0.409)	-0.403 (-0.505, -0.305)
	$ au_1^2$	1.000	0.912 (0.797, 1.068)	0.972 (0.860, 1.107)	0.787 (0.713, 0.865)	0.787 (0.715, 0.862)	0.995 (0.908, 1.077)
	$\tau_1^2 \\ \tau_2^2$	4.000	4.106 (3.732, 4.597)	3.948 (3.594, 4.310)	4.133(3.751, 4.606)	3.886 (3.545, 4.248)	$3.956 \ (3.683, 4.264)$
	$ au_{12}$	-0.600	-0.452 (-0.626, -0.277)	-0.590 (-0.748, -0.426)	-0.453 (-0.575, -0.308)	-0.487 (-0.609, -0.360)	-0.578 (-0.708, -0.466)
	c_{1}^{2}	1.000	$0.976 \ (0.701, \ 1.000)$				
	β	0.500	$0.482\ (0.312,\ 0.645)$	$0.500 \ (0.395, \ 0.627)$	$0.067 \ (0.000, \ 0.160)$		
	$\alpha_{0.7}$	-1.266	-1.072 (-1.487, -0.070)	-1.269 (-1.559, -1.026)	$0.395\ (0.300,\ 0.491)$		
	CR		96.7	99.9	97.1	99.8	99.8

Table 4: Estimates of the parameters when $c_1^2 = 1, c_2^2 = 0$

S_P	Par	True	Proposed $(\tilde{c}_1^2, \tilde{c}_2^2)$	Proposed $(c_1^2 = 1)$	Proposed $(c_1^2 = c_2^2)$	$\mathrm{Reitsma}_O$	$Reitsma_{P}$
25	SAUC	0.877	0.889 (0.868, 0.908)	0.880 (0.855, 0.901)	$0.895 \ (0.876, \ 0.911)$	0.897 (0.879, 0.914)	$0.876\ (0.858,\ 0.893)$
	μ_1	2.197	2.392 (2.180, 2.625)	$2.239\ (2.027,\ 2.461)$	$2.465 \ (2.285, \ 2.628)$	$2.469 \ (2.290, \ 2.615)$	$2.205 \ (2.045, \ 2.355)$
	μ_2	-0.405	-1.210 (-1.736, -0.648)	-0.440 (-0.831, -0.065)	-1.250 (-1.752, -0.770)	-0.684 (-1.017, -0.340)	-0.415 (-0.704, -0.124)
	$ au_1^2 \ au_2^2$	1.000	$0.778 \ (0.548, \ 1.035)$	$0.852\ (0.575,\ 1.226)$	$0.720\ (0.513,\ 0.935)$	$0.711\ (0.500,\ 0.926)$	$0.910 \ (0.676, \ 1.139)$
	$ au_2^2$	4.000	4.315 (3.115, 6.010)	3.593 (2.644, 4.777)	4.319 (3.140, 6.097)	$3.406\ (2.529,\ 4.421)$	3.708 (3.006, 4.656)
	$ au_{12}$	-1.200	-0.918 (-1.405, -0.524)	-1.069 (-1.550, -0.664)	-0.889 (-1.351, -0.504)	-0.909 (-1.271, -0.583)	-1.132 (-1.508, -0.791)
	c_{1}^{2}	1.000	$0.679 \ (0.387, \ 0.909)$				
	β	0.500	$2.000 \ (0.633, \ 2.000)$	$0.611\ (0.244,\ 1.940)$	$0.326 \ (0.076, \ 1.243)$		
	$\alpha_{0.7}$	-1.265	-0.392 (-2.452, 1.202)	-1.512 (-3.431, -0.578)	$0.424 \ (0.157, \ 0.734)$		
	CR		99.7	99.3	99.8	99.7	100
50	SAUC	0.877	0.889 (0.874, 0.901)	0.880 (0.861, 0.895)	0.896 (0.883, 0.906)	0.899 (0.887, 0.909)	$0.876 \ (0.865, \ 0.888)$
	μ_1	2.197	2.379(2.200, 2.526)	2.216 (2.047, 2.378)	2.457 (2.333, 2.576)	$2.458 \ (2.342, \ 2.568)$	$2.191\ (2.072,\ 2.302)$
	μ_2	-0.405	-1.147 (-1.590, -0.683)	-0.399 (-0.688, -0.120)	-1.109 (-1.510, -0.768)	-0.653 (-0.901, -0.437)	-0.388 (-0.585, -0.184)
	$ au_1^2 \ au_2^2$	1.000	0.802 (0.644, 0.992)	0.899 (0.692, 1.179)	$0.735\ (0.608,\ 0.893)$	$0.745 \ (0.610, 0.904)$	$0.942 \ (0.776, 1.137)$
	$ au_2^2$	4.000	$4.451 \ (3.501, \ 5.515)$	3.817(3.114, 4.640)	4.315 (3.411, 5.349)	$3.608\ (2.950,\ 4.304)$	$3.810 \ (3.322, 4.406)$
	$ au_{12}$	-1.200	-0.926 (-1.277, -0.653)	-1.113 (-1.507, -0.815)	-0.932 (-1.237, -0.666)	-0.930 (-1.205, -0.706)	-1.157 (-1.401, -0.918)
	c_{1}^{2}	1.000	$0.698 \ (0.434, \ 0.931)$				
	β	0.500	$0.757 \ (0.372, \ 1.997)$	$0.553 \ (0.307, \ 0.889)$	$0.222\ (0.048,\ 0.529)$		
	$\alpha_{0.7}$	-1.265	-0.403 (-1.704, 0.600)	-1.359 (-2.115, -0.791)	$0.365 \ (0.187, \ 0.559)$		
	CR		99.1	99.1	99.3	99.8	99.9
200	SAUC	0.877	$0.884 \ (0.875, \ 0.893)$	$0.878 \ (0.869, \ 0.885)$	0.896 (0.890, 0.902)	0.900 (0.894, 0.905)	0.877 (0.871, 0.882)
	μ_1	2.197	2.293 (2.176, 2.411)	2.201 (2.128, 2.282)	2.461 (2.403, 2.521)	2.464 (2.403, 2.518)	2.196 (2.135, 2.249)
	μ_2	-0.405	-0.757 (-1.157, -0.459)	-0.412 (-0.550, -0.269)	-0.981 (-1.214, -0.762)	-0.678 (-0.800, -0.557)	-0.398 (-0.502, -0.301)
	$ au_1^2$	1.000	0.869 (0.774, 1.017)	$0.975 \ (0.851, 1.115)$	0.787 (0.706, 0.862)	0.790(0.716, 0.871)	0.995 (0.907, 1.083)
	$\begin{array}{c} \tau_1^2 \\ \tau_2^2 \end{array}$	4.000	$4.080 \ (3.664, 4.575)$	$3.963 \ (3.607, 4.344)$	4.100 (3.668, 4.578)	3.739 (3.419, 4.057)	$3.962 \ (3.659, 4.259)$
	$ au_{12}$	-1.200	-1.022 (-1.211, -0.858)	-1.195 (-1.384, -1.023)	-0.983 (-1.120, -0.851)	-0.986 (-1.117, -0.868)	-1.197 (-1.338, -1.075)
	c_{1}^{2}	1.000	$0.934\ (0.651,\ 1.000)$				
	\dot{eta}	0.500	$0.507 \ (0.361, \ 0.660)$	$0.507 \ (0.401, \ 0.634)$	$0.125\ (0.020,\ 0.253)$		
	$\alpha_{0.7}$	-1.265	-1.061 (-1.498, -0.093)	-1.283 (-1.550, -1.031)	$0.328\ (0.225,\ 0.460)$		
	CR		98.6	99.7	99.1	100	99.9