Estimates of other parameters

t12

Yi

2021-05-03

Load data

```
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"
```

Scenario 1

Scenario 2

Scenario 3

Scenario 4

Scenario 5

Table 1: Estimates of the parameters

S	Par	True	Proposed $(\hat{c}_1^2, \hat{c}_2^2)$	Proposed (correct)	Proposed (wrong)	Reitsma$_O$	Reitsma$_P$
25	μ_1	0.000	-0.051 (-0.347, 0.234)	0.040 (-0.171, 0.266)	-0.021 (-0.282, 0.194)	0.141 (-0.049, 0.331)	0.016 (-0.135, 0.171)
	μ_2	1.735	1.936 (1.485, 2.396)	1.880 (1.378, 2.265)	2.488 (2.157, 2.770)	2.385 (2.046, 2.646)	1.716 (1.442, 1.997)
	τ_1	1.000	0.999 (0.836, 1.181)	0.940 (0.789, 1.097)	0.977 (0.830, 1.162)	0.920 (0.767, 1.075)	0.947 (0.825, 1.077)
	τ_2	2.000	1.833 (1.537, 2.192)	1.840 (1.540, 2.203)	1.664 (1.403, 1.900)	1.644 (1.400, 1.876)	1.916 (1.707, 2.122)
	ρ	-0.300	-0.371 (-0.599, -0.112)	-0.359 (-0.588, -0.097)	-0.516 (-0.678, -0.310)	-0.497 (-0.667, -0.307)	-0.319 (-0.465, -0.151)
	c_1	0.707	0.776 (0.539, 0.925)				
	β	0.500	2.000 (0.448, 2.000)	0.575 (0.186, 2.000)	0.047 (0.000, 0.227)		
	α	-0.165	0.177 (-0.380, 0.890)	0.003 (-0.364, 0.291)	0.642 (0.466, 0.915)		
50	μ_1	0.000	-0.060 (-0.301, 0.152)	0.009 (-0.144, 0.163)	0.016 (-0.168, 0.159)	0.112 (-0.017, 0.250)	-0.006 (-0.114, 0.118)
	μ_2	1.735	1.853 (1.472, 2.231)	1.836 (1.473, 2.155)	2.475 (2.257, 2.701)	2.408 (2.194, 2.593)	1.746 (1.543, 1.946)
	τ_1	1.000	1.037 (0.900, 1.171)	0.972 (0.864, 1.085)	0.989 (0.872, 1.099)	0.956 (0.850, 1.063)	0.970 (0.884, 1.056)
	τ_2	2.000	1.916 (1.705, 2.220)	1.917 (1.702, 2.195)	1.711 (1.543, 1.869)	1.697 (1.538, 1.859)	1.983 (1.824, 2.129)
	ρ	-0.300	-0.329 (-0.510, -0.146)	-0.336 (-0.507, -0.151)	-0.485 (-0.612, -0.357)	-0.479 (-0.601, -0.344)	-0.311 (-0.411, -0.188)
	c_1	0.707	0.759 (0.545, 0.897)				
	β	0.500	0.894 (0.459, 2.000)	0.548 (0.242, 1.071)	0.033 (0.000, 0.103)		
	α	-0.165	0.132 (-0.243, 0.613)	-0.039 (-0.275, 0.225)	0.578 (0.478, 0.691)		
200	μ_1	0.000	-0.018 (-0.151, 0.093)	0.014 (-0.060, 0.080)	0.079 (0.008, 0.141)	0.123 (0.062, 0.187)	0.007 (-0.051, 0.059)
	μ_2	1.735	1.795 (1.559, 2.019)	1.779 (1.596, 1.969)	2.418 (2.324, 2.532)	2.407 (2.296, 2.509)	1.733 (1.634, 1.835)
	τ_1	1.000	1.013 (0.959, 1.088)	0.989 (0.939, 1.048)	0.980 (0.922, 1.033)	0.979 (0.932, 1.031)	0.993 (0.948, 1.037)
	τ_2	2.000	1.957 (1.816, 2.115)	1.964 (1.826, 2.104)	1.719 (1.640, 1.794)	1.723 (1.645, 1.798)	1.990 (1.915, 2.062)
	ρ	-0.300	-0.310 (-0.411, -0.208)	-0.320 (-0.409, -0.218)	-0.455 (-0.519, -0.409)	-0.468 (-0.524, -0.407)	-0.302 (-0.359, -0.245)
	c_1	0.707	0.730 (0.612, 0.828)				
	β	0.500	0.542 (0.404, 0.727)	0.497 (0.364, 0.647)	0.019 (0.007, 0.035)		
	α	-0.165	-0.068 (-0.189, 0.102)	-0.120 (-0.208, -0.033)	0.530 (0.485, 0.568)		

Table 2: Estimates of the parameters

S	Par	True	Proposed $(\hat{c}_1^2, \hat{c}_2^2)$	Proposed (correct)	Proposed (wrong)	Reitsma$_O$	Reitsma$_P$
25	μ_1	0.000	-0.101 (-0.414, 0.174)	0.013 (-0.199, 0.208)	-0.160 (-0.388, 0.065)	0.025 (-0.174, 0.199)	0.004 (-0.150, 0.163)
	μ_2	1.735	1.979 (1.472, 2.461)	1.860 (1.415, 2.275)	2.505 (2.171, 2.853)	2.316 (2.029, 2.630)	1.740 (1.425, 2.012)
	τ_1	1.000	1.026 (0.856, 1.199)	0.947 (0.803, 1.099)	0.994 (0.838, 1.156)	0.940 (0.798, 1.088)	0.960 (0.839, 1.081)
	τ_2	2.000	1.867 (1.592, 2.183)	1.861 (1.579, 2.199)	1.715 (1.495, 1.958)	1.670 (1.456, 1.886)	1.923 (1.712, 2.132)
	ρ	-0.600	-0.670 (-0.815, -0.457)	-0.665 (-0.813, -0.457)	-0.743 (-0.846, -0.580)	-0.734 (-0.842, -0.568)	-0.631 (-0.731, -0.486)
	c_1	0.707	0.794 (0.557, 0.927)				
	β	0.500	2.000 (0.494, 2.000)	0.551 (0.162, 1.934)	0.046 (0.000, 0.221)		
	α	-0.251	0.056 (-0.606, 0.751)	-0.111 (-0.592, 0.232)	0.650 (0.490, 0.998)		
50	μ_1	0.000	-0.102 (-0.359, 0.118)	0.005 (-0.138, 0.148)	-0.070 (-0.252, 0.068)	0.023 (-0.127, 0.148)	-0.011 (-0.121, 0.112)
	μ_2	1.735	1.869 (1.474, 2.289)	1.772 (1.452, 2.161)	2.434 (2.188, 2.688)	2.340 (2.105, 2.557)	1.736 (1.556, 1.953)
	τ_1	1.000	1.048 (0.934, 1.178)	0.984 (0.881, 1.078)	1.005 (0.900, 1.116)	0.985 (0.883, 1.077)	0.977 (0.896, 1.066)
	τ_2	2.000	1.909 (1.716, 2.183)	1.934 (1.722, 2.182)	1.747 (1.585, 1.922)	1.741 (1.581, 1.901)	1.967 (1.819, 2.110)
	ρ	-0.600	-0.614 (-0.740, -0.472)	-0.632 (-0.740, -0.502)	-0.712 (-0.790, -0.613)	-0.707 (-0.783, -0.611)	-0.609 (-0.685, -0.535)
	c_1	0.707	0.788 (0.605, 0.911)				
	β	0.500	0.881 (0.462, 2.000)	0.517 (0.252, 0.978)	0.026 (0.000, 0.092)		
	α	-0.251	0.000 (-0.324, 0.413)	-0.161 (-0.396, 0.077)	0.587 (0.492, 0.723)		
200	μ_1	0.000	-0.038 (-0.202, 0.092)	0.005 (-0.065, 0.069)	-0.038 (-0.122, 0.033)	0.017 (-0.048, 0.079)	-0.000 (-0.052, 0.055)
	μ_2	1.735	1.798 (1.526, 2.068)	1.750 (1.557, 1.946)	2.393 (2.283, 2.509)	2.330 (2.229, 2.445)	1.728 (1.631, 1.836)
	τ_1	1.000	1.025 (0.965, 1.087)	0.995 (0.942, 1.041)	1.006 (0.951, 1.060)	1.000 (0.947, 1.048)	0.991 (0.953, 1.034)
	τ_2	2.000	1.955 (1.816, 2.140)	1.979 (1.851, 2.118)	1.775 (1.691, 1.864)	1.768 (1.696, 1.846)	1.989 (1.918, 2.060)
	ρ	-0.600	-0.600 (-0.677, -0.519)	-0.607 (-0.669, -0.540)	-0.689 (-0.729, -0.652)	-0.684 (-0.727, -0.645)	-0.603 (-0.639, -0.561)
	c_1	0.707	0.740 (0.619, 0.858)				
	β	0.500	0.576 (0.420, 0.755)	0.508 (0.366, 0.671)	0.023 (0.013, 0.038)		
	α	-0.251	-0.142 (-0.275, 0.048)	-0.211 (-0.307, -0.120)	0.536 (0.505, 0.588)		

Table 3: Estimates of the parameters

S	Par	True	Proposed $(\hat{c}_1^2, \hat{c}_2^2)$	Proposed (correct)	Proposed (wrong)	Reitsma$_O$	Reitsma$_P$
25	μ_1	1.386	1.391 (1.129, 1.620)	1.413 (1.206, 1.587)	1.216 (0.920, 1.462)	1.489 (1.326, 1.684)	1.389 (1.237, 1.549)
	μ_2	1.386	1.537 (1.073, 2.023)	1.490 (1.062, 1.921)	2.174 (1.844, 2.498)	1.983 (1.695, 2.323)	1.392 (1.136, 1.657)
	τ_1	1.000	1.001 (0.828, 1.200)	0.958 (0.806, 1.129)	1.093 (0.903, 1.295)	0.936 (0.784, 1.093)	0.953 (0.838, 1.094)
	τ_2	2.000	1.880 (1.608, 2.182)	1.875 (1.586, 2.183)	1.727 (1.492, 1.956)	1.673 (1.453, 1.885)	1.916 (1.721, 2.120)
	ρ	-0.300	-0.405 (-0.605, -0.133)	-0.369 (-0.572, -0.104)	-0.516 (-0.668, -0.305)	-0.473 (-0.632, -0.286)	-0.312 (-0.464, -0.146)
	c_1	0.707	0.763 (0.477, 0.924)				
	β	0.500	2.000 (0.456, 2.000)	0.594 (0.206, 2.000)	0.252 (0.033, 0.949)		
	α	-0.766	-1.013 (-2.438, -0.100)	-0.803 (-1.827, -0.176)	0.191 (-0.165, 0.440)		
50	μ_1	1.386	1.379 (1.144, 1.566)	1.407 (1.266, 1.547)	1.269 (1.057, 1.462)	1.502 (1.377, 1.629)	1.389 (1.278, 1.499)
	μ_2	1.386	1.513 (1.073, 1.889)	1.474 (1.130, 1.784)	2.166 (1.922, 2.407)	2.005 (1.794, 2.227)	1.384 (1.182, 1.577)
	τ_1	1.000	1.016 (0.888, 1.153)	0.972 (0.862, 1.088)	1.070 (0.931, 1.222)	0.957 (0.855, 1.068)	0.977 (0.886, 1.068)
	τ_2	2.000	1.942 (1.710, 2.248)	1.931 (1.706, 2.173)	1.752 (1.584, 1.921)	1.721 (1.558, 1.881)	1.978 (1.825, 2.115)
	ρ	-0.300	-0.358 (-0.534, -0.161)	-0.330 (-0.495, -0.149)	-0.492 (-0.612, -0.338)	-0.459 (-0.576, -0.320)	-0.309 (-0.422, -0.189)
	c_1	0.707	0.736 (0.522, 0.895)				
	β	0.500	0.806 (0.417, 2.000)	0.536 (0.278, 0.966)	0.167 (0.019, 0.467)		
	α	-0.766	-0.829 (-1.680, -0.268)	-0.752 (-1.300, -0.380)	0.193 (-0.066, 0.432)		
200	μ_1	1.386	1.380 (1.272, 1.495)	1.390 (1.317, 1.466)	1.381 (1.252, 1.488)	1.498 (1.435, 1.564)	1.387 (1.331, 1.441)
	μ_2	1.386	1.387 (1.156, 1.627)	1.393 (1.232, 1.565)	2.086 (1.967, 2.205)	2.001 (1.897, 2.104)	1.383 (1.278, 1.485)
	τ_1	1.000	1.009 (0.950, 1.075)	0.993 (0.943, 1.051)	1.027 (0.968, 1.106)	0.982 (0.933, 1.038)	0.996 (0.952, 1.041)
	τ_2	2.000	1.984 (1.839, 2.157)	1.983 (1.857, 2.112)	1.769 (1.687, 1.848)	1.751 (1.675, 1.833)	1.994 (1.913, 2.066)
	ρ	-0.300	-0.314 (-0.411, -0.227)	-0.303 (-0.395, -0.219)	-0.456 (-0.513, -0.397)	-0.442 (-0.502, -0.383)	-0.301 (-0.357, -0.246)
	c_1	0.707	0.709 (0.610, 0.802)				
	β	0.500	0.566 (0.424, 0.709)	0.510 (0.388, 0.656)	0.049 (0.003, 0.179)		
	α	-0.766	-0.752 (-1.001, -0.530)	-0.770 (-0.955, -0.582)	0.296 (0.079, 0.475)		

Table 4: Estimates of the parameters

S	Par	True	Proposed $(\hat{c}_1^2, \hat{c}_2^2)$	Proposed (correct)	Proposed (wrong)	Reitsma$_O$	Reitsma$_P$
25	μ_1	1.386	1.349 (1.093, 1.604)	1.376 (1.182, 1.574)	1.110 (0.822, 1.357)	1.394 (1.207, 1.581)	1.381 (1.236, 1.537)
	μ_2	1.386	1.545 (1.039, 2.020)	1.472 (1.062, 1.878)	2.205 (1.874, 2.577)	1.929 (1.649, 2.255)	1.395 (1.103, 1.671)
	τ_1	1.000	1.003 (0.835, 1.194)	0.954 (0.800, 1.103)	1.083 (0.892, 1.296)	0.941 (0.795, 1.090)	0.957 (0.827, 1.073)
	τ_2	2.000	1.928 (1.640, 2.229)	1.889 (1.598, 2.207)	1.798 (1.550, 2.071)	1.717 (1.493, 1.973)	1.936 (1.727, 2.148)
	ρ	-0.600	-0.687 (-0.825, -0.477)	-0.659 (-0.805, -0.444)	-0.749 (-0.850, -0.595)	-0.708 (-0.826, -0.546)	-0.631 (-0.744, -0.487)
	c_1	0.707	0.754 (0.515, 0.917)				
	β	0.500	2.000 (0.504, 2.000)	0.581 (0.202, 1.980)	0.232 (0.025, 0.860)		
	α	-0.848	-1.214 (-2.822, -0.219)	-0.911 (-2.151, -0.206)	0.263 (-0.079, 0.523)		
50	μ_1	1.386	1.369 (1.154, 1.575)	1.398 (1.269, 1.515)	1.186 (0.964, 1.362)	1.404 (1.281, 1.525)	1.395 (1.285, 1.506)
	μ_2	1.386	1.431 (0.988, 1.867)	1.422 (1.109, 1.717)	2.142 (1.880, 2.417)	1.917 (1.697, 2.137)	1.377 (1.184, 1.569)
	τ_1	1.000	1.021 (0.905, 1.151)	0.968 (0.868, 1.075)	1.085 (0.941, 1.238)	0.972 (0.869, 1.074)	0.977 (0.886, 1.069)
	τ_2	2.000	1.987 (1.749, 2.272)	1.940 (1.728, 2.182)	1.816 (1.660, 2.004)	1.754 (1.599, 1.924)	1.963 (1.818, 2.110)
	ρ	-0.600	-0.648 (-0.760, -0.513)	-0.624 (-0.731, -0.495)	-0.715 (-0.793, -0.616)	-0.682 (-0.763, -0.583)	-0.612 (-0.691, -0.521)
	c_1	0.707	0.732 (0.540, 0.889)				
	β	0.500	0.772 (0.453, 1.850)	0.532 (0.274, 0.923)	0.133 (0.018, 0.420)		
	α	-0.848	-0.914 (-1.729, -0.340)	-0.844 (-1.477, -0.436)	0.252 (0.032, 0.444)		
200	μ_1	1.386	1.373 (1.278, 1.480)	1.386 (1.321, 1.454)	1.290 (1.154, 1.384)	1.394 (1.332, 1.459)	1.383 (1.327, 1.441)
	μ_2	1.386	1.403 (1.160, 1.660)	1.404 (1.235, 1.573)	2.045 (1.913, 2.190)	1.927 (1.821, 2.041)	1.382 (1.282, 1.484)
	τ_1	1.000	1.011 (0.961, 1.067)	0.992 (0.946, 1.044)	1.043 (0.987, 1.103)	0.997 (0.951, 1.049)	0.995 (0.955, 1.040)
	τ_2	2.000	1.981 (1.848, 2.139)	1.970 (1.853, 2.097)	1.820 (1.731, 1.897)	1.791 (1.714, 1.871)	1.992 (1.916, 2.072)
	ρ	-0.600	-0.614 (-0.676, -0.555)	-0.604 (-0.663, -0.549)	-0.682 (-0.724, -0.638)	-0.670 (-0.710, -0.624)	-0.600 (-0.645, -0.557)
	c_1	0.707	0.703 (0.621, 0.807)				
	β	0.500	0.544 (0.420, 0.703)	0.498 (0.376, 0.642)	0.047 (0.003, 0.162)		
	α	-0.848	-0.818 (-1.086, -0.586)	-0.830 (-1.059, -0.623)	0.333 (0.145, 0.473)		

Table 5: Estimates of the parameters

S	Par	True	Proposed $(\hat{c}_1^2, \hat{c}_2^2)$	Proposed (correct)	Proposed (wrong)	Reitsma$_O$	Reitsma$_P$
25	μ_1	2.197	2.217 (1.979, 2.439)	2.203 (2.006, 2.405)	2.087 (1.833, 2.334)	2.299 (2.120, 2.485)	2.199 (2.038, 2.339)
	μ_2	-0.405	-0.236 (-0.700, 0.196)	-0.256 (-0.659, 0.185)	0.436 (0.115, 0.746)	0.269 (-0.018, 0.588)	-0.374 (-0.660, -0.101)
	τ_1	1.000	0.958 (0.797, 1.135)	0.936 (0.788, 1.092)	0.996 (0.811, 1.231)	0.915 (0.776, 1.060)	0.950 (0.820, 1.073)
	τ_2	2.000	1.884 (1.585, 2.243)	1.845 (1.568, 2.175)	1.676 (1.439, 1.935)	1.645 (1.427, 1.881)	1.922 (1.702, 2.139)
	ρ	-0.300	-0.412 (-0.609, -0.141)	-0.361 (-0.574, -0.106)	-0.527 (-0.678, -0.324)	-0.501 (-0.649, -0.302)	-0.326 (-0.476, -0.161)
	c_1	0.707	0.712 (0.496, 0.877)				
	β	0.500	2.000 (0.410, 2.000)	0.563 (0.176, 2.000)	0.253 (0.038, 0.727)		
	α	-0.198	-0.035 (-1.292, 0.871)	-0.033 (-0.482, 0.253)	-0.306 (-1.047, 0.238)		
50	μ_1	2.197	2.204 (2.038, 2.374)	2.211 (2.069, 2.350)	2.129 (1.921, 2.293)	2.318 (2.202, 2.437)	2.198 (2.092, 2.302)
	μ_2	-0.405	-0.356 (-0.777, -0.011)	-0.324 (-0.665, -0.016)	0.399 (0.182, 0.630)	0.259 (0.055, 0.452)	-0.394 (-0.597, -0.199)
	τ_1	1.000	1.000 (0.880, 1.116)	0.974 (0.867, 1.073)	1.038 (0.905, 1.195)	0.959 (0.856, 1.054)	0.976 (0.896, 1.056)
	τ_2	2.000	1.978 (1.725, 2.255)	1.945 (1.709, 2.203)	1.729 (1.566, 1.914)	1.695 (1.548, 1.873)	1.976 (1.835, 2.120)
	ρ	-0.300	-0.350 (-0.514, -0.174)	-0.335 (-0.482, -0.167)	-0.495 (-0.619, -0.380)	-0.474 (-0.590, -0.357)	-0.308 (-0.410, -0.198)
	c_1	0.707	0.695 (0.541, 0.829)				
	β	0.500	0.781 (0.406, 2.000)	0.554 (0.267, 1.010)	0.195 (0.041, 0.494)		
	α	-0.198	-0.089 (-0.791, 0.595)	-0.090 (-0.340, 0.135)	-0.225 (-0.792, 0.243)		
200	μ_1	2.197	2.200 (2.109, 2.291)	2.203 (2.132, 2.281)	2.172 (2.064, 2.270)	2.323 (2.262, 2.388)	2.206 (2.146, 2.256)
	μ_2	-0.405	-0.397 (-0.597, -0.190)	-0.387 (-0.569, -0.211)	0.349 (0.230, 0.474)	0.247 (0.147, 0.348)	-0.416 (-0.510, -0.316)
	τ_1	1.000	1.009 (0.953, 1.069)	1.001 (0.947, 1.056)	1.042 (0.973, 1.108)	0.989 (0.937, 1.042)	0.999 (0.953, 1.044)
	τ_2	2.000	1.995 (1.846, 2.127)	1.979 (1.851, 2.112)	1.741 (1.668, 1.821)	1.728 (1.656, 1.803)	1.991 (1.918, 2.075)
	ρ	-0.300	-0.324 (-0.406, -0.221)	-0.312 (-0.401, -0.227)	-0.480 (-0.543, -0.417)	-0.466 (-0.526, -0.405)	-0.303 (-0.358, -0.250)
	c_1	0.707	0.704 (0.635, 0.763)				
	β	0.500	0.555 (0.408, 0.718)	0.519 (0.381, 0.667)	0.148 (0.029, 0.278)		
	α	-0.198	-0.148 (-0.394, 0.120)	-0.163 (-0.251, -0.073)	-0.124 (-0.434, 0.299)		

Scenario 6

Table 6: Estimates of the parameters

S	Par	True	Proposed $(\hat{c}_1^2, \hat{c}_2^2)$	Proposed (correct)	Proposed (wrong)	Reitsma$_O$	Reitsma$_P$
25	μ_1	2.197	2.174 (1.940, 2.418)	2.203 (1.992, 2.421)	1.973 (1.708, 2.220)	2.214 (2.027, 2.404)	2.202 (2.039, 2.352)
	μ_2	-0.405	-0.276 (-0.775, 0.178)	-0.308 (-0.740, 0.084)	0.400 (0.054, 0.765)	0.170 (-0.143, 0.472)	-0.419 (-0.691, -0.128)
	τ_1	1.000	0.992 (0.831, 1.160)	0.953 (0.804, 1.100)	1.062 (0.865, 1.257)	0.944 (0.798, 1.091)	0.952 (0.829, 1.080)
	τ_2	2.000	1.883 (1.597, 2.222)	1.843 (1.590, 2.192)	1.734 (1.491, 1.996)	1.653 (1.440, 1.908)	1.901 (1.696, 2.109)
	ρ	-0.600	-0.693 (-0.833, -0.475)	-0.668 (-0.815, -0.456)	-0.757 (-0.867, -0.625)	-0.728 (-0.848, -0.586)	-0.623 (-0.734, -0.495)
	c_1	0.707	0.729 (0.549, 0.883)				
	β	0.500	2.000 (0.509, 2.000)	0.610 (0.197, 1.888)	0.281 (0.049, 0.821)		
	α	-0.284	-0.357 (-1.706, 0.553)	-0.190 (-0.722, 0.198)	-0.281 (-1.083, 0.215)		
50	μ_1	2.197	2.181 (1.988, 2.365)	2.198 (2.049, 2.353)	2.011 (1.804, 2.195)	2.216 (2.086, 2.344)	2.204 (2.091, 2.316)
	μ_2	-0.405	-0.366 (-0.743, -0.005)	-0.355 (-0.708, -0.023)	0.365 (0.143, 0.646)	0.182 (-0.042, 0.373)	-0.418 (-0.612, -0.214)
	τ_1	1.000	1.003 (0.893, 1.124)	0.976 (0.869, 1.084)	1.057 (0.926, 1.216)	0.978 (0.867, 1.084)	0.971 (0.883, 1.064)
	τ_2	2.000	1.959 (1.725, 2.219)	1.918 (1.693, 2.188)	1.771 (1.597, 1.984)	1.717 (1.569, 1.898)	1.958 (1.798, 2.106)
	ρ	-0.600	-0.643 (-0.758, -0.511)	-0.637 (-0.746, -0.485)	-0.725 (-0.806, -0.626)	-0.704 (-0.782, -0.600)	-0.615 (-0.689, -0.522)
	c_1	0.707	0.722 (0.581, 0.840)				
	β	0.500	0.778 (0.414, 1.885)	0.533 (0.260, 0.977)	0.204 (0.047, 0.474)		
	α	-0.284	-0.240 (-1.005, 0.419)	-0.194 (-0.430, 0.064)	-0.186 (-0.659, 0.220)		
200	μ_1	2.197	2.194 (2.103, 2.282)	2.194 (2.127, 2.263)	2.051 (1.923, 2.157)	2.211 (2.145, 2.268)	2.195 (2.143, 2.249)
	μ_2	-0.405	-0.410 (-0.637, -0.185)	-0.390 (-0.570, -0.210)	0.361 (0.219, 0.491)	0.191 (0.087, 0.300)	-0.398 (-0.501, -0.296)
	τ_1	1.000	1.007 (0.950, 1.060)	0.997 (0.941, 1.045)	1.056 (0.994, 1.135)	1.002 (0.948, 1.051)	0.994 (0.955, 1.038)
	τ_2	2.000	1.996 (1.858, 2.155)	1.991 (1.855, 2.133)	1.811 (1.714, 1.895)	1.776 (1.689, 1.854)	1.992 (1.918, 2.060)
	ρ	-0.600	-0.615 (-0.676, -0.544)	-0.609 (-0.669, -0.540)	-0.705 (-0.743, -0.661)	-0.686 (-0.726, -0.643)	-0.605 (-0.646, -0.559)
	c_1	0.707	0.700 (0.643, 0.758)				
	β	0.500	0.572 (0.414, 0.737)	0.529 (0.373, 0.685)	0.158 (0.031, 0.289)		
	α	-0.284	-0.221 (-0.505, 0.025)	-0.259 (-0.365, -0.152)	-0.107 (-0.384, 0.320)		