Estimates of other parameters

t0.5

Yi

2021-05-03

Load data

```
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"
```

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	-0.026 (-0.189, 0.118)	0.017 (-0.123, 0.144)	-0.020 (-0.157, 0.122)	0.086 (-0.037, 0.206)	0.008 (-0.091, 0.110)
	μ_2	1.735	1.740 (1.606, 1.861)	1.739 (1.606, 1.855)	1.828 (1.715, 1.938)	1.808 (1.692, 1.912)	1.732 (1.624, 1.828)
	τ_1	0.500	0.482 (0.365, 0.609)	0.448 (0.342, 0.562)	0.478 (0.378, 0.586)	0.438 (0.336, 0.530)	0.463 (0.365, 0.544)
	τ_2	0.500	0.451 (0.346, 0.559)	0.449 (0.344, 0.557)	0.442 (0.341, 0.538)	0.436 (0.339, 0.529)	0.459 (0.372, 0.543)
	ρ	-0.300	-0.417 (-0.891, 0.077)	-0.431 (-0.884, 0.082)	-0.517 (-0.900, -0.107)	-0.518 (-0.920, -0.111)	-0.388 (-0.716, -0.051)
	c_1	0.707	0.757 (0.412, 0.932)				
	β	0.500	1.513 (0.568, 2.000)	0.632 (0.182, 1.521)	0.068 (0.000, 0.409)		
	α	-0.464	-0.620 (-1.877, 0.267)	-0.589 (-1.443, 0.048)	0.634 (0.496, 0.897)		
50	μ_1	0.000	-0.028 (-0.139, 0.081)	0.005 (-0.078, 0.088)	0.011 (-0.085, 0.100)	0.081 (0.002, 0.150)	-0.005 (-0.066, 0.064)
	μ_2	1.735	1.731 (1.632, 1.821)	1.737 (1.637, 1.826)	1.832 (1.744, 1.907)	1.814 (1.734, 1.890)	1.737 (1.669, 1.803)
	τ_1	0.500	0.501 (0.415, 0.588)	0.473 (0.403, 0.548)	0.482 (0.410, 0.553)	0.462 (0.392, 0.531)	0.477 (0.419, 0.537)
	τ_2	0.500	0.492 (0.422, 0.561)	0.489 (0.418, 0.558)	0.477 (0.410, 0.538)	0.475 (0.409, 0.535)	0.492 (0.429, 0.545)
	ρ	-0.300	-0.314 (-0.575, -0.033)	-0.331 (-0.586, -0.051)	-0.437 (-0.646, -0.198)	-0.422 (-0.640, -0.196)	-0.331 (-0.501, -0.124)
	c_1	0.707	0.701 (0.430, 0.903)				
	β	0.500	0.835 (0.464, 1.615)	0.545 (0.233, 0.961)	0.041 (0.000, 0.165)		
	α	-0.464	-0.539 (-1.240, 0.095)	-0.517 (-0.987, -0.057)	0.572 (0.500, 0.676)		
200	μ_1	0.000	-0.010 (-0.083, 0.052)	0.008 (-0.034, 0.050)	0.059 (0.019, 0.094)	0.083 (0.046, 0.119)	0.005 (-0.031, 0.034)
	μ_2	1.735	1.743 (1.695, 1.787)	1.741 (1.698, 1.785)	1.823 (1.782, 1.862)	1.816 (1.776, 1.855)	1.735 (1.702, 1.771)
	τ_1	0.500	0.504 (0.466, 0.553)	0.491 (0.458, 0.526)	0.483 (0.450, 0.515)	0.482 (0.452, 0.514)	0.495 (0.467, 0.523)
	τ_2	0.500	0.494 (0.460, 0.526)	0.494 (0.460, 0.524)	0.483 (0.454, 0.510)	0.483 (0.452, 0.512)	0.494 (0.467, 0.523)
	ρ	-0.300	-0.310 (-0.428, -0.184)	-0.320 (-0.439, -0.203)	-0.414 (-0.503, -0.307)	-0.403 (-0.501, -0.303)	-0.304 (-0.402, -0.219)
	c_1	0.707	0.735 (0.542, 0.873)				
	β	0.500	0.588 (0.433, 0.749)	0.493 (0.364, 0.642)	0.015 (0.000, 0.039)		
	α	-0.464	-0.442 (-0.737, -0.138)	-0.450 (-0.651, -0.271)	0.525 (0.495, 0.562)		

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	-0.030 (-0.178, 0.115)	0.004 (-0.103, 0.128)	-0.039 (-0.179, 0.092)	0.064 (-0.043, 0.175)	0.001 (-0.093, 0.098)
	μ_2	1.735	1.745 (1.606, 1.863)	1.731 (1.615, 1.848)	1.829 (1.711, 1.937)	1.782 (1.681, 1.898)	1.737 (1.636, 1.826)
	τ_1	0.500	0.492 (0.383, 0.614)	0.465 (0.358, 0.561)	0.492 (0.400, 0.598)	0.459 (0.357, 0.553)	0.474 (0.384, 0.553)
	τ_2	0.500	0.469 (0.371, 0.569)	0.457 (0.366, 0.555)	0.457 (0.364, 0.554)	0.446 (0.362, 0.539)	0.467 (0.389, 0.549)
	ρ	-0.600	-0.793 (-1.000, -0.380)	-0.789 (-1.000, -0.380)	-0.821 (-1.000, -0.491)	-0.821 (-1.000, -0.488)	-0.717 (-0.992, -0.422)
	c_1	0.707	0.715 (0.410, 0.936)				
	β	0.500	1.310 (0.593, 2.000)	0.600 (0.169, 1.248)	0.079 (0.000, 0.428)		
	α	-0.485	-0.667 (-1.883, 0.328)	-0.585 (-1.366, 0.031)	0.644 (0.512, 0.971)		
50	μ_1	0.000	-0.033 (-0.159, 0.082)	0.000 (-0.083, 0.087)	-0.008 (-0.113, 0.086)	0.056 (-0.022, 0.137)	-0.004 (-0.067, 0.064)
	μ_2	1.735	1.735 (1.650, 1.841)	1.735 (1.656, 1.823)	1.818 (1.738, 1.907)	1.792 (1.717, 1.873)	1.735 (1.671, 1.804)
	τ_1	0.500	0.510 (0.437, 0.593)	0.478 (0.420, 0.548)	0.491 (0.430, 0.563)	0.474 (0.415, 0.539)	0.484 (0.431, 0.543)
	τ_2	0.500	0.486 (0.420, 0.557)	0.479 (0.416, 0.549)	0.482 (0.418, 0.551)	0.477 (0.414, 0.540)	0.482 (0.426, 0.542)
	ρ	-0.600	-0.671 (-0.870, -0.438)	-0.668 (-0.863, -0.445)	-0.717 (-0.873, -0.541)	-0.713 (-0.880, -0.536)	-0.651 (-0.798, -0.482)
	c_1	0.707	0.720 (0.428, 0.916)				
	β	0.500	0.833 (0.499, 1.418)	0.538 (0.264, 0.900)	0.032 (0.000, 0.162)		
	α	-0.485	-0.585 (-1.216, 0.012)	-0.534 (-1.009, -0.123)	0.578 (0.496, 0.682)		
200	μ_1	0.000	-0.010 (-0.079, 0.046)	0.003 (-0.037, 0.044)	0.033 (-0.013, 0.076)	0.059 (0.024, 0.097)	0.001 (-0.030, 0.031)
	μ_2	1.735	1.744 (1.693, 1.792)	1.739 (1.699, 1.780)	1.807 (1.766, 1.844)	1.797 (1.757, 1.833)	1.734 (1.702, 1.770)
	τ_1	0.500	0.508 (0.469, 0.551)	0.494 (0.460, 0.527)	0.490 (0.458, 0.522)	0.491 (0.457, 0.522)	0.494 (0.467, 0.522)
	τ_2	0.500	0.495 (0.459, 0.529)	0.494 (0.459, 0.523)	0.491 (0.457, 0.523)	0.489 (0.457, 0.519)	0.493 (0.469, 0.522)
	ρ	-0.600	-0.615 (-0.692, -0.518)	-0.617 (-0.692, -0.531)	-0.659 (-0.723, -0.590)	-0.655 (-0.723, -0.585)	-0.605 (-0.674, -0.535)
	c_1	0.707	0.713 (0.529, 0.869)				
	β	0.500	0.576 (0.439, 0.737)	0.497 (0.369, 0.627)	0.022 (0.000, 0.047)		
	α	-0.485	-0.479 (-0.768, -0.161)	-0.484 (-0.667, -0.297)	0.529 (0.494, 0.561)		

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	1.390 (1.259, 1.516)	1.397 (1.280, 1.515)	1.349 (1.191, 1.485)	1.450 (1.344, 1.572)	1.387 (1.294, 1.485)
	μ_2	1.386	1.402 (1.275, 1.524)	1.401 (1.282, 1.513)	1.478 (1.364, 1.595)	1.452 (1.345, 1.566)	1.383 (1.295, 1.480)
	τ_1	0.500	0.468 (0.364, 0.584)	0.461 (0.360, 0.562)	0.484 (0.368, 0.636)	0.449 (0.355, 0.549)	0.469 (0.385, 0.554)
	τ_2	0.500	0.459 (0.357, 0.563)	0.452 (0.355, 0.549)	0.457 (0.358, 0.554)	0.448 (0.353, 0.539)	0.461 (0.379, 0.546)
	ρ	-0.300	-0.460 (-0.856, -0.008)	-0.442 (-0.835, -0.007)	-0.513 (-0.858, -0.118)	-0.484 (-0.841, -0.099)	-0.374 (-0.674, -0.023)
	c_1	0.707	0.729 (0.380, 0.957)				
	β	0.500	1.078 (0.483, 2.000)	0.571 (0.204, 1.134)	0.482 (0.094, 1.095)		
	α	-1.035	-1.778 (-3.441, -0.724)	-1.194 (-2.467, -0.275)	-0.513 (-1.297, 0.128)		
50	μ_1	1.386	1.394 (1.306, 1.482)	1.397 (1.321, 1.479)	1.359 (1.264, 1.449)	1.455 (1.388, 1.532)	1.387 (1.326, 1.452)
	μ_2	1.386	1.389 (1.288, 1.486)	1.393 (1.310, 1.478)	1.478 (1.392, 1.558)	1.452 (1.371, 1.535)	1.385 (1.316, 1.451)
	τ_1	0.500	0.483 (0.412, 0.559)	0.478 (0.406, 0.553)	0.498 (0.421, 0.590)	0.469 (0.400, 0.542)	0.481 (0.425, 0.542)
	τ_2	0.500	0.492 (0.418, 0.565)	0.487 (0.415, 0.548)	0.483 (0.415, 0.543)	0.477 (0.412, 0.538)	0.490 (0.430, 0.542)
	ρ	-0.300	-0.358 (-0.583, -0.102)	-0.336 (-0.565, -0.092)	-0.411 (-0.626, -0.177)	-0.386 (-0.596, -0.158)	-0.328 (-0.522, -0.112)
	c_1	0.707	0.709 (0.397, 0.929)				
	β	0.500	0.722 (0.434, 1.330)	0.516 (0.267, 0.877)	0.360 (0.108, 0.696)		
	α	-1.035	-1.287 (-2.350, -0.727)	-1.072 (-1.865, -0.435)	-0.394 (-0.866, 0.092)		
200	μ_1	1.386	1.388 (1.343, 1.434)	1.388 (1.347, 1.429)	1.354 (1.304, 1.403)	1.453 (1.417, 1.491)	1.385 (1.353, 1.419)
	μ_2	1.386	1.387 (1.343, 1.435)	1.390 (1.347, 1.428)	1.474 (1.438, 1.514)	1.453 (1.414, 1.490)	1.384 (1.353, 1.419)
	τ_1	0.500	0.497 (0.465, 0.533)	0.495 (0.462, 0.529)	0.516 (0.478, 0.559)	0.488 (0.456, 0.520)	0.496 (0.467, 0.525)
	τ_2	0.500	0.495 (0.464, 0.526)	0.494 (0.462, 0.525)	0.491 (0.460, 0.520)	0.488 (0.458, 0.517)	0.496 (0.469, 0.523)
	ρ	-0.300	-0.327 (-0.424, -0.210)	-0.316 (-0.414, -0.206)	-0.380 (-0.479, -0.281)	-0.366 (-0.459, -0.264)	-0.309 (-0.397, -0.217)
	c_1	0.707	0.712 (0.560, 0.849)				
	β	0.500	0.558 (0.430, 0.700)	0.506 (0.385, 0.652)	0.344 (0.195, 0.495)		
	α	-1.035	-1.081 (-1.425, -0.781)	-1.061 (-1.383, -0.753)	-0.386 (-0.600, -0.102)		

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	1.396 (1.267, 1.519)	1.396 (1.286, 1.506)	1.343 (1.201, 1.457)	1.439 (1.334, 1.544)	1.389 (1.299, 1.482)
	μ_2	1.386	1.390 (1.252, 1.520)	1.393 (1.271, 1.502)	1.476 (1.366, 1.597)	1.440 (1.323, 1.539)	1.387 (1.289, 1.471)
	τ_1	0.500	0.467 (0.376, 0.563)	0.455 (0.368, 0.545)	0.475 (0.380, 0.606)	0.451 (0.364, 0.537)	0.472 (0.389, 0.547)
	τ_2	0.500	0.471 (0.368, 0.584)	0.460 (0.361, 0.560)	0.470 (0.370, 0.570)	0.458 (0.360, 0.555)	0.472 (0.386, 0.553)
	ρ	-0.600	-0.813 (-1.000, -0.448)	-0.801 (-1.000, -0.423)	-0.838 (-1.000, -0.519)	-0.810 (-1.000, -0.497)	-0.741 (-1.000, -0.429)
	c_1	0.707	0.691 (0.376, 0.946)				
	β	0.500	1.193 (0.510, 2.000)	0.562 (0.194, 1.202)	0.445 (0.075, 1.107)		
	α	-1.050	-1.925 (-3.603, -0.804)	-1.173 (-2.563, -0.231)	-0.483 (-1.267, 0.173)		
50	μ_1	1.386	1.395 (1.304, 1.479)	1.393 (1.320, 1.469)	1.345 (1.247, 1.429)	1.441 (1.366, 1.514)	1.390 (1.326, 1.454)
	μ_2	1.386	1.392 (1.293, 1.484)	1.390 (1.306, 1.468)	1.478 (1.396, 1.557)	1.435 (1.357, 1.511)	1.386 (1.322, 1.446)
	τ_1	0.500	0.485 (0.408, 0.562)	0.479 (0.403, 0.549)	0.506 (0.419, 0.597)	0.476 (0.402, 0.542)	0.481 (0.420, 0.543)
	τ_2	0.500	0.484 (0.421, 0.551)	0.479 (0.418, 0.541)	0.483 (0.421, 0.551)	0.476 (0.416, 0.537)	0.480 (0.424, 0.539)
	ρ	-0.600	-0.674 (-0.847, -0.489)	-0.657 (-0.837, -0.468)	-0.701 (-0.855, -0.538)	-0.683 (-0.846, -0.514)	-0.650 (-0.790, -0.475)
	c_1	0.707	0.726 (0.440, 0.936)				
	β	0.500	0.708 (0.436, 1.245)	0.524 (0.262, 0.840)	0.367 (0.112, 0.689)		
	α	-1.050	-1.303 (-2.292, -0.707)	-1.089 (-1.782, -0.455)	-0.404 (-0.828, 0.101)		
200	μ_1	1.386	1.388 (1.338, 1.440)	1.388 (1.349, 1.431)	1.343 (1.288, 1.397)	1.438 (1.398, 1.477)	1.384 (1.351, 1.419)
	μ_2	1.386	1.388 (1.342, 1.434)	1.387 (1.350, 1.424)	1.472 (1.433, 1.510)	1.435 (1.398, 1.471)	1.384 (1.353, 1.417)
	τ_1	0.500	0.496 (0.464, 0.530)	0.493 (0.462, 0.525)	0.519 (0.480, 0.559)	0.491 (0.460, 0.522)	0.496 (0.467, 0.526)
	τ_2	0.500	0.497 (0.463, 0.529)	0.493 (0.460, 0.525)	0.497 (0.465, 0.528)	0.491 (0.459, 0.522)	0.497 (0.467, 0.524)
	ρ	-0.600	-0.616 (-0.697, -0.537)	-0.609 (-0.691, -0.526)	-0.654 (-0.724, -0.580)	-0.633 (-0.707, -0.561)	-0.604 (-0.679, -0.530)
	c_1	0.707	0.711 (0.530, 0.841)				
	β	0.500	0.552 (0.421, 0.669)	0.501 (0.381, 0.623)	0.316 (0.176, 0.450)		
	α	-1.050	-1.101 (-1.386, -0.769)	-1.054 (-1.342, -0.749)	-0.327 (-0.536, -0.059)		

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	2.195 (2.077, 2.320)	2.197 (2.085, 2.322)	2.207 (2.087, 2.321)	2.267 (2.161, 2.374)	2.195 (2.104, 2.285)
	μ_2	-0.405	-0.427 (-0.581, -0.275)	-0.395 (-0.529, -0.268)	-0.309 (-0.427, -0.180)	-0.323 (-0.444, -0.207)	-0.399 (-0.495, -0.301)
	τ_1	0.500	0.452 (0.345, 0.555)	0.452 (0.344, 0.552)	0.446 (0.344, 0.550)	0.435 (0.339, 0.534)	0.463 (0.371, 0.551)
	τ_2	0.500	0.479 (0.355, 0.610)	0.458 (0.346, 0.563)	0.448 (0.340, 0.548)	0.444 (0.339, 0.542)	0.463 (0.378, 0.549)
	ρ	-0.300	-0.439 (-0.925, 0.101)	-0.461 (-0.944, 0.089)	-0.548 (-0.988, -0.135)	-0.531 (-0.986, -0.132)	-0.375 (-0.687, -0.035)
	c_1	0.707	0.678 (0.459, 0.892)				
	β	0.500	1.254 (0.530, 2.000)	0.612 (0.182, 1.371)	0.339 (0.053, 0.812)		
	α	-0.498	-0.610 (-1.902, 0.272)	-0.602 (-1.429, 0.030)	-0.750 (-1.858, 0.103)		
50	μ_1	2.197	2.197 (2.113, 2.281)	2.202 (2.122, 2.283)	2.210 (2.129, 2.292)	2.271 (2.202, 2.345)	2.198 (2.136, 2.257)
	μ_2	-0.405	-0.430 (-0.543, -0.316)	-0.397 (-0.495, -0.305)	-0.311 (-0.397, -0.228)	-0.325 (-0.410, -0.242)	-0.405 (-0.476, -0.337)
	τ_1	0.500	0.477 (0.404, 0.553)	0.473 (0.400, 0.550)	0.471 (0.400, 0.545)	0.460 (0.395, 0.528)	0.484 (0.423, 0.538)
	τ_2	0.500	0.500 (0.422, 0.589)	0.479 (0.409, 0.553)	0.470 (0.399, 0.536)	0.469 (0.396, 0.536)	0.485 (0.428, 0.544)
	ρ	-0.300	-0.301 (-0.576, -0.019)	-0.317 (-0.589, -0.056)	-0.423 (-0.641, -0.207)	-0.412 (-0.625, -0.188)	-0.312 (-0.500, -0.123)
	c_1	0.707	0.695 (0.482, 0.907)				
	β	0.500	0.821 (0.489, 1.532)	0.543 (0.245, 0.914)	0.296 (0.074, 0.591)		
	α	-0.498	-0.572 (-1.359, 0.105)	-0.534 (-0.985, -0.074)	-0.639 (-1.346, 0.066)		
200	μ_1	2.197	2.201 (2.155, 2.246)	2.203 (2.161, 2.244)	2.214 (2.171, 2.253)	2.280 (2.243, 2.314)	2.202 (2.168, 2.234)
	μ_2	-0.405	-0.418 (-0.480, -0.364)	-0.405 (-0.447, -0.365)	-0.314 (-0.350, -0.279)	-0.330 (-0.363, -0.293)	-0.407 (-0.439, -0.377)
	τ_1	0.500	0.497 (0.467, 0.536)	0.496 (0.466, 0.534)	0.496 (0.464, 0.534)	0.487 (0.456, 0.522)	0.498 (0.470, 0.529)
	τ_2	0.500	0.509 (0.468, 0.547)	0.495 (0.461, 0.531)	0.486 (0.455, 0.520)	0.485 (0.454, 0.519)	0.495 (0.468, 0.527)
	ρ	-0.300	-0.306 (-0.413, -0.176)	-0.320 (-0.420, -0.202)	-0.406 (-0.499, -0.306)	-0.397 (-0.488, -0.299)	-0.310 (-0.389, -0.222)
	c_1	0.707	0.690 (0.533, 0.838)				
	β	0.500	0.587 (0.436, 0.747)	0.509 (0.373, 0.643)	0.288 (0.161, 0.410)		
	α	-0.498	-0.489 (-0.836, -0.152)	-0.509 (-0.700, -0.300)	-0.618 (-0.948, -0.257)		

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	2.203 (2.079, 2.336)	2.199 (2.081, 2.316)	2.185 (2.060, 2.316)	2.265 (2.154, 2.367)	2.199 (2.102, 2.292)
	μ_2	-0.405	-0.447 (-0.601, -0.312)	-0.413 (-0.531, -0.298)	-0.328 (-0.437, -0.219)	-0.357 (-0.460, -0.247)	-0.409 (-0.502, -0.315)
	τ_1	0.500	0.460 (0.361, 0.561)	0.457 (0.359, 0.552)	0.459 (0.362, 0.560)	0.449 (0.358, 0.541)	0.470 (0.386, 0.553)
	τ_2	0.500	0.484 (0.367, 0.592)	0.458 (0.346, 0.552)	0.457 (0.353, 0.549)	0.454 (0.345, 0.541)	0.457 (0.374, 0.539)
	ρ	-0.600	-0.747 (-1.000, -0.345)	-0.757 (-1.000, -0.380)	-0.818 (-1.000, -0.492)	-0.808 (-1.000, -0.481)	-0.716 (-1.000, -0.414)
	c_1	0.707	0.672 (0.436, 0.893)				
	β	0.500	1.674 (0.638, 2.000)	0.671 (0.231, 1.427)	0.382 (0.069, 0.923)		
	α	-0.516	-0.737 (-2.177, 0.314)	-0.699 (-1.587, -0.053)	-0.859 (-2.057, 0.067)		
50	μ_1	2.197	2.204 (2.120, 2.294)	2.206 (2.123, 2.286)	2.196 (2.109, 2.276)	2.261 (2.178, 2.335)	2.201 (2.134, 2.266)
	μ_2	-0.405	-0.436 (-0.547, -0.340)	-0.406 (-0.482, -0.326)	-0.329 (-0.402, -0.247)	-0.352 (-0.427, -0.275)	-0.411 (-0.479, -0.342)
	τ_1	0.500	0.479 (0.412, 0.552)	0.477 (0.411, 0.543)	0.482 (0.413, 0.549)	0.469 (0.404, 0.535)	0.478 (0.424, 0.536)
	τ_2	0.500	0.499 (0.419, 0.586)	0.476 (0.406, 0.545)	0.472 (0.407, 0.540)	0.470 (0.403, 0.535)	0.478 (0.423, 0.541)
	ρ	-0.600	-0.655 (-0.847, -0.424)	-0.673 (-0.851, -0.456)	-0.718 (-0.884, -0.548)	-0.704 (-0.870, -0.529)	-0.646 (-0.793, -0.476)
	c_1	0.707	0.657 (0.474, 0.882)				
	β	0.500	0.821 (0.457, 1.438)	0.545 (0.251, 0.906)	0.298 (0.089, 0.576)		
	α	-0.516	-0.527 (-1.301, 0.062)	-0.583 (-1.033, -0.079)	-0.654 (-1.344, -0.022)		
200	μ_1	2.197	2.198 (2.157, 2.240)	2.199 (2.159, 2.235)	2.185 (2.146, 2.228)	2.254 (2.220, 2.287)	2.196 (2.165, 2.226)
	μ_2	-0.405	-0.418 (-0.486, -0.362)	-0.404 (-0.444, -0.360)	-0.319 (-0.356, -0.280)	-0.345 (-0.382, -0.306)	-0.402 (-0.437, -0.371)
	τ_1	0.500	0.497 (0.463, 0.530)	0.495 (0.463, 0.527)	0.503 (0.469, 0.538)	0.492 (0.461, 0.523)	0.496 (0.469, 0.524)
	τ_2	0.500	0.509 (0.469, 0.550)	0.498 (0.462, 0.528)	0.497 (0.462, 0.527)	0.494 (0.460, 0.524)	0.497 (0.469, 0.525)
	ρ	-0.600	-0.605 (-0.689, -0.498)	-0.613 (-0.695, -0.522)	-0.665 (-0.734, -0.590)	-0.654 (-0.724, -0.578)	-0.614 (-0.689, -0.534)
	c_1	0.707	0.688 (0.530, 0.855)				
	β	0.500	0.608 (0.451, 0.763)	0.512 (0.370, 0.651)	0.304 (0.173, 0.423)		
	α	-0.516	-0.543 (-0.887, -0.160)	-0.528 (-0.731, -0.307)	-0.650 (-0.960, -0.279)		