Estimates of Pars with CR $(c_1 = c_2)$

$(\tau_1^2, \tau_2^2) = (0.5, 0.5)$

Yi

2021-06-07

Load data

```r
s.rdt <- "../../scenario/scenario-t0.7/set-t0.7-c11.RData"
dt <- "c11"


# s.rdt <- "../../scenario/scenario-t0.7/set-t0.7-c10.RData"
# dt <- "c10"


# s.rdt <- "../../scenario/scenario-t0.7/set-t0.7-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	-0.022 (-0.234, 0.181)	0.023 (-0.149, 0.210)	0.012 (-0.180, 0.197)	0.139 (-0.008, 0.298)	0.010 (-0.106, 0.136)
	μ_2	1.735	0.014 (1.560, 1.905)	0.006 (1.569, 1.893)	0.160 (1.750, 2.032)	0.113 (1.712, 1.982)	-0.005 (1.601, 1.850)
	τ_1	0.707	-0.014 (0.556, 0.843)	-0.058 (0.527, 0.789)	-0.037 (0.553, 0.807)	-0.084 (0.512, 0.744)	-0.043 (0.560, 0.767)
	τ_2	0.707	-0.043 (0.526, 0.800)	-0.053 (0.524, 0.787)	-0.066 (0.516, 0.749)	-0.078 (0.511, 0.735)	-0.049 (0.565, 0.759)
	ρ	-0.300	-0.097 (-0.714, -0.015)	-0.091 (-0.691, 0.001)	-0.212 (-0.753, -0.221)	-0.201 (-0.759, -0.206)	-0.049 (-0.575, -0.101)
	β	0.500	1.038 (0.562, 2.000)	0.143 (0.163, 1.736)	-0.442 (0.000, 0.310)		
	α	-0.423	-0.169 (-1.736, 0.305)	-0.067 (-1.208, 0.102)	1.039 (0.490, 0.868)		
	c_1	0.707	0.037 (0.416, 0.913)				
50	μ_1	0.000	-0.028 (-0.186, 0.119)	0.005 (-0.109, 0.121)	0.047 (-0.073, 0.155)	0.126 (0.026, 0.218)	-0.005 (-0.085, 0.083)
	μ_2	1.735	-0.005 (1.587, 1.857)	0.002 (1.607, 1.852)	0.152 (1.777, 1.987)	0.126 (1.754, 1.960)	0.005 (1.649, 1.823)
	τ_1	0.707	0.004 (0.609, 0.830)	-0.026 (0.591, 0.776)	-0.034 (0.591, 0.764)	-0.057 (0.570, 0.736)	-0.022 (0.609, 0.753)
	τ_2	0.707	0.002 (0.613, 0.795)	-0.012 (0.601, 0.783)	-0.040 (0.587, 0.744)	-0.040 (0.584, 0.740)	-0.008 (0.622, 0.763)
	ρ	-0.300	-0.023 (-0.528, -0.082)	-0.022 (-0.522, -0.081)	-0.157 (-0.604, -0.281)	-0.141 (-0.600, -0.283)	-0.021 (-0.447, -0.160)
	β	0.500	0.355 (0.501, 1.651)	0.078 (0.245, 1.027)	-0.472 (0.000, 0.118)		
	α	-0.423	-0.085 (-1.256, 0.099)	-0.049 (-0.875, -0.044)	0.985 (0.488, 0.658)		
	c_1	0.707	-0.003 (0.463, 0.877)				
200	μ_1	0.000	-0.012 (-0.106, 0.084)	0.016 (-0.049, 0.070)	0.102 (0.050, 0.163)	0.131 (0.082, 0.178)	0.006 (-0.039, 0.045)
	μ_2	1.735	0.011 (1.672, 1.806)	0.010 (1.684, 1.806)	0.142 (1.817, 1.921)	0.129 (1.811, 1.912)	0.001 (1.693, 1.779)
	τ_1	0.707	0.004 (0.664, 0.773)	-0.011 (0.659, 0.740)	-0.032 (0.634, 0.711)	-0.030 (0.640, 0.714)	-0.005 (0.666, 0.737)
	τ_2	0.707	-0.005 (0.659, 0.746)	-0.009 (0.655, 0.741)	-0.029 (0.641, 0.713)	-0.031 (0.639, 0.713)	-0.006 (0.668, 0.734)
	ρ	-0.300	-0.013 (-0.415, -0.197)	-0.018 (-0.423, -0.206)	-0.124 (-0.504, -0.340)	-0.128 (-0.508, -0.342)	-0.002 (-0.381, -0.233)
	β	0.500	0.067 (0.418, 0.747)	-0.003 (0.349, 0.644)	-0.484 (0.000, 0.034)		
	α	-0.423	0.016 (-0.646, -0.126)	0.013 (-0.594, -0.233)	0.946 (0.494, 0.560)		
	c_1	0.707	0.022 (0.551, 0.838)				

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	-0.023 (-0.231, 0.173)	0.019 (-0.139, 0.169)	-0.033 (-0.219, 0.128)	0.098 (-0.037, 0.238)	0.001 (-0.119, 0.125)
	μ_2	1.735	0.004 (1.569, 1.910)	-0.001 (1.591, 1.880)	0.144 (1.739, 2.036)	0.079 (1.682, 1.959)	0.001 (1.608, 1.854)
	τ_1	0.707	0.005 (0.565, 0.857)	-0.046 (0.537, 0.781)	-0.015 (0.582, 0.816)	-0.059 (0.529, 0.763)	-0.030 (0.576, 0.772)
	τ_2	0.707	-0.022 (0.558, 0.825)	-0.047 (0.548, 0.785)	-0.046 (0.544, 0.788)	-0.060 (0.540, 0.761)	-0.038 (0.571, 0.764)
	ρ	-0.600	-0.120 (-0.968, -0.428)	-0.111 (-0.966, -0.415)	-0.168 (-0.959, -0.543)	-0.162 (-0.983, -0.532)	-0.063 (-0.832, -0.444)
	β	0.500	0.874 (0.554, 2.000)	0.095 (0.153, 1.317)	-0.446 (0.000, 0.348)		
	α	-0.461	-0.193 (-1.722, 0.310)	-0.052 (-1.267, 0.087)	1.105 (0.505, 0.955)		
	c_1	0.707	-0.008 (0.408, 0.905)				
50	μ_1	0.000	-0.035 (-0.209, 0.126)	-0.001 (-0.111, 0.111)	0.020 (-0.122, 0.135)	0.086 (-0.016, 0.188)	-0.004 (-0.090, 0.083)
	μ_2	1.735	0.005 (1.601, 1.876)	-0.000 (1.630, 1.851)	0.127 (1.763, 1.969)	0.087 (1.729, 1.922)	-0.000 (1.656, 1.823)
	τ_1	0.707	0.020 (0.638, 0.834)	-0.023 (0.608, 0.770)	-0.011 (0.619, 0.781)	-0.036 (0.602, 0.751)	-0.018 (0.625, 0.757)
	τ_2	0.707	-0.007 (0.614, 0.794)	-0.021 (0.602, 0.770)	-0.022 (0.601, 0.764)	-0.033 (0.597, 0.754)	-0.017 (0.618, 0.761)
	ρ	-0.600	-0.052 (-0.794, -0.467)	-0.049 (-0.784, -0.455)	-0.110 (-0.818, -0.587)	-0.105 (-0.820, -0.577)	-0.028 (-0.742, -0.504)
	β	0.500	0.380 (0.508, 1.629)	0.073 (0.272, 0.946)	-0.474 (0.000, 0.118)		
	α	-0.461	-0.079 (-1.166, -0.035)	-0.061 (-0.960, -0.119)	1.031 (0.490, 0.670)		
	c_1	0.707	0.030 (0.448, 0.877)				
200	μ_1	0.000	-0.012 (-0.114, 0.076)	0.004 (-0.048, 0.057)	0.061 (-0.002, 0.113)	0.090 (0.047, 0.139)	0.002 (-0.039, 0.040)
	μ_2	1.735	0.009 (1.674, 1.816)	0.006 (1.687, 1.794)	0.107 (1.789, 1.893)	0.093 (1.778, 1.873)	-0.001 (1.693, 1.779)
	τ_1	0.707	0.014 (0.669, 0.777)	-0.007 (0.658, 0.742)	-0.016 (0.651, 0.726)	-0.017 (0.649, 0.730)	-0.006 (0.667, 0.735)
	τ_2	0.707	-0.006 (0.658, 0.745)	-0.010 (0.655, 0.737)	-0.015 (0.650, 0.734)	-0.019 (0.648, 0.727)	-0.009 (0.669, 0.734)
	ρ	-0.600	-0.011 (-0.683, -0.531)	-0.012 (-0.683, -0.535)	-0.070 (-0.726, -0.616)	-0.070 (-0.723, -0.610)	-0.004 (-0.655, -0.547)
	β	0.500	0.079 (0.439, 0.739)	-0.004 (0.369, 0.626)	-0.479 (0.006, 0.040)		
	α	-0.461	0.006 (-0.719, -0.170)	0.003 (-0.630, -0.283)	0.990 (0.494, 0.562)		
	c_1	0.707	0.015 (0.548, 0.849)				

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	0.006 (1.205, 1.555)	0.013 (1.241, 1.547)	-0.079 (1.072, 1.492)	0.104 (1.359, 1.634)	0.000 (1.269, 1.510)
	μ_2	1.386	0.024 (1.237, 1.572)	0.017 (1.246, 1.553)	0.161 (1.402, 1.705)	0.107 (1.353, 1.643)	0.000 (1.273, 1.503)
	τ_1	0.707	-0.022 (0.560, 0.847)	-0.042 (0.541, 0.802)	0.038 (0.577, 0.929)	-0.062 (0.529, 0.767)	-0.035 (0.570, 0.774)
	τ_2	0.707	-0.030 (0.543, 0.807)	-0.056 (0.532, 0.780)	-0.049 (0.539, 0.767)	-0.068 (0.523, 0.744)	-0.040 (0.567, 0.761)
	ρ	-0.300	-0.121 (-0.694, -0.077)	-0.060 (-0.662, -0.037)	-0.188 (-0.750, -0.184)	-0.152 (-0.707, -0.156)	-0.044 (-0.550, -0.106)
	β	0.500	0.818 (0.543, 2.000)	0.078 (0.210, 1.301)	-0.051 (0.083, 1.399)		
	α	-1.003	-0.656 (-3.267, -0.693)	-0.156 (-2.674, -0.298)	0.712 (-0.929, 0.229)		
	c_1	0.707	0.022 (0.373, 0.951)				
50	μ_1	1.386	0.010 (1.248, 1.525)	0.019 (1.287, 1.512)	-0.054 (1.164, 1.455)	0.112 (1.402, 1.596)	0.002 (1.308, 1.473)
	μ_2	1.386	-0.008 (1.239, 1.520)	0.002 (1.279, 1.510)	0.158 (1.433, 1.655)	0.106 (1.390, 1.599)	-0.001 (1.297, 1.468)
	τ_1	0.707	-0.004 (0.603, 0.807)	-0.031 (0.592, 0.771)	0.039 (0.634, 0.879)	-0.045 (0.578, 0.745)	-0.019 (0.616, 0.761)
	τ_2	0.707	0.005 (0.617, 0.812)	-0.019 (0.602, 0.777)	-0.027 (0.602, 0.765)	-0.039 (0.591, 0.752)	-0.012 (0.623, 0.757)
	ρ	-0.300	-0.051 (-0.541, -0.128)	-0.014 (-0.511, -0.108)	-0.127 (-0.597, -0.238)	-0.089 (-0.562, -0.221)	-0.018 (-0.466, -0.149)
	β	0.500	0.330 (0.452, 1.584)	0.041 (0.279, 0.883)	-0.150 (0.090, 0.737)		
	α	-1.003	-0.220 (-2.274, -0.644)	-0.048 (-1.790, -0.475)	0.738 (-0.656, 0.190)		
	c_1	0.707	-0.006 (0.415, 0.919)				
200	μ_1	1.386	0.001 (1.322, 1.453)	0.004 (1.337, 1.444)	-0.040 (1.256, 1.428)	0.109 (1.447, 1.544)	-0.000 (1.344, 1.427)
	μ_2	1.386	-0.004 (1.318, 1.454)	0.004 (1.338, 1.439)	0.144 (1.481, 1.587)	0.106 (1.443, 1.541)	-0.001 (1.343, 1.428)
	τ_1	0.707	0.001 (0.664, 0.758)	-0.005 (0.659, 0.745)	0.036 (0.688, 0.801)	-0.021 (0.646, 0.727)	-0.003 (0.668, 0.739)
	τ_2	0.707	-0.001 (0.664, 0.749)	-0.007 (0.658, 0.741)	-0.017 (0.652, 0.728)	-0.024 (0.647, 0.722)	-0.004 (0.670, 0.737)
	ρ	-0.300	-0.025 (-0.411, -0.223)	-0.013 (-0.400, -0.214)	-0.104 (-0.489, -0.323)	-0.082 (-0.459, -0.305)	-0.006 (-0.375, -0.230)
	β	0.500	0.054 (0.439, 0.696)	0.006 (0.388, 0.650)	-0.243 (0.080, 0.422)		
	α	-1.003	-0.036 (-1.349, -0.758)	-0.014 (-1.317, -0.737)	0.819 (-0.401, 0.187)		
	c_1	0.707	-0.001 (0.557, 0.841)				

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	0.017 (1.203, 1.568)	0.016 (1.246, 1.545)	-0.104 (1.067, 1.445)	0.075 (1.325, 1.608)	-0.000 (1.268, 1.503)
	μ_2	1.386	-0.003 (1.203, 1.569)	0.005 (1.242, 1.539)	0.164 (1.394, 1.709)	0.075 (1.318, 1.593)	0.004 (1.266, 1.492)
	τ_1	0.707	-0.019 (0.567, 0.818)	-0.046 (0.543, 0.780)	0.018 (0.592, 0.913)	-0.062 (0.542, 0.757)	-0.036 (0.569, 0.762)
	τ_2	0.707	-0.019 (0.569, 0.837)	-0.045 (0.551, 0.787)	-0.026 (0.564, 0.808)	-0.055 (0.542, 0.770)	-0.034 (0.570, 0.773)
	ρ	-0.600	-0.151 (-0.927, -0.481)	-0.121 (-0.920, -0.437)	-0.184 (-0.938, -0.566)	-0.145 (-0.929, -0.529)	-0.078 (-0.851, -0.465)
	β	0.500	0.856 (0.537, 2.000)	0.080 (0.214, 1.245)	-0.053 (0.073, 1.205)		
	α	-1.032	-0.695 (-3.395, -0.714)	-0.163 (-2.654, -0.256)	0.803 (-0.889, 0.235)		
	c_1	0.707	-0.001 (0.360, 0.944)				
50	μ_1	1.386	0.012 (1.257, 1.517)	0.011 (1.294, 1.495)	-0.089 (1.147, 1.422)	0.081 (1.372, 1.559)	0.006 (1.310, 1.474)
	μ_2	1.386	0.002 (1.238, 1.526)	0.003 (1.276, 1.496)	0.163 (1.431, 1.658)	0.072 (1.362, 1.558)	-0.002 (1.304, 1.465)
	τ_1	0.707	-0.001 (0.611, 0.800)	-0.030 (0.594, 0.766)	0.041 (0.638, 0.867)	-0.038 (0.590, 0.756)	-0.020 (0.612, 0.761)
	τ_2	0.707	-0.011 (0.620, 0.804)	-0.028 (0.602, 0.762)	-0.014 (0.619, 0.788)	-0.037 (0.595, 0.748)	-0.020 (0.617, 0.754)
	ρ	-0.600	-0.070 (-0.791, -0.522)	-0.038 (-0.769, -0.494)	-0.107 (-0.809, -0.580)	-0.076 (-0.792, -0.553)	-0.026 (-0.739, -0.494)
	β	0.500	0.272 (0.473, 1.419)	0.020 (0.270, 0.848)	-0.157 (0.093, 0.697)		
	α	-1.032	-0.242 (-2.204, -0.694)	-0.056 (-1.749, -0.456)	0.819 (-0.588, 0.166)		
	c_1	0.707	0.018 (0.440, 0.942)				
200	μ_1	1.386	0.004 (1.311, 1.465)	0.004 (1.334, 1.444)	-0.059 (1.224, 1.413)	0.078 (1.412, 1.515)	-0.003 (1.342, 1.428)
	μ_2	1.386	-0.003 (1.316, 1.456)	-0.002 (1.338, 1.437)	0.140 (1.468, 1.588)	0.074 (1.411, 1.508)	-0.003 (1.344, 1.426)
	τ_1	0.707	0.001 (0.666, 0.756)	-0.009 (0.662, 0.739)	0.040 (0.698, 0.806)	-0.014 (0.656, 0.731)	-0.004 (0.668, 0.739)
	τ_2	0.707	0.003 (0.668, 0.755)	-0.008 (0.658, 0.738)	0.001 (0.667, 0.749)	-0.014 (0.655, 0.731)	-0.004 (0.666, 0.736)
	ρ	-0.600	-0.017 (-0.684, -0.547)	-0.005 (-0.675, -0.538)	-0.067 (-0.726, -0.607)	-0.041 (-0.703, -0.582)	-0.001 (-0.660, -0.544)
	β	0.500	0.059 (0.435, 0.691)	0.006 (0.379, 0.628)	-0.264 (0.069, 0.385)		
	α	-1.032	-0.059 (-1.368, -0.757)	-0.021 (-1.316, -0.737)	0.905 (-0.332, 0.222)		
	c_1	0.707	-0.003 (0.536, 0.841)				

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	0.010 (2.032, 2.368)	0.003 (2.051, 2.345)	0.010 (2.032, 2.348)	0.120 (2.189, 2.444)	0.002 (2.079, 2.308)
	μ_2	-0.405	-0.025 (-0.631, -0.225)	0.007 (-0.554, -0.235)	0.171 (-0.392, -0.080)	0.138 (-0.418, -0.121)	0.005 (-0.519, -0.278)
	τ_1	0.707	-0.045 (0.526, 0.789)	-0.058 (0.522, 0.784)	-0.061 (0.525, 0.788)	-0.091 (0.510, 0.730)	-0.040 (0.557, 0.767)
	τ_2	0.707	-0.013 (0.548, 0.847)	-0.050 (0.534, 0.802)	-0.071 (0.521, 0.761)	-0.077 (0.514, 0.746)	-0.044 (0.564, 0.766)
	ρ	-0.300	-0.079 (-0.707, -0.010)	-0.087 (-0.717, 0.023)	-0.222 (-0.766, -0.237)	-0.198 (-0.753, -0.227)	-0.048 (-0.569, -0.105)
	β	0.500	0.903 (0.515, 2.000)	0.144 (0.187, 1.467)	-0.172 (0.044, 0.876)		
	α	-0.457	-0.094 (-1.894, 0.366)	-0.084 (-1.263, 0.039)	-0.205 (-1.765, 0.143)		
	c_1	0.707	-0.022 (0.495, 0.897)				
50	μ_1	2.197	-0.015 (2.074, 2.302)	-0.011 (2.083, 2.302)	0.010 (2.095, 2.314)	0.121 (2.232, 2.406)	-0.001 (2.121, 2.274)
	μ_2	-0.405	-0.039 (-0.601, -0.291)	0.009 (-0.526, -0.280)	0.153 (-0.348, -0.139)	0.123 (-0.382, -0.182)	0.003 (-0.495, -0.320)
	τ_1	0.707	-0.018 (0.602, 0.794)	-0.023 (0.589, 0.786)	-0.022 (0.592, 0.785)	-0.052 (0.576, 0.737)	-0.019 (0.622, 0.754)
	τ_2	0.707	0.018 (0.617, 0.822)	-0.019 (0.602, 0.782)	-0.042 (0.584, 0.752)	-0.045 (0.580, 0.746)	-0.017 (0.621, 0.764)
	ρ	-0.300	0.004 (-0.495, -0.062)	-0.006 (-0.510, -0.073)	-0.145 (-0.600, -0.272)	-0.134 (-0.579, -0.264)	-0.007 (-0.447, -0.160)
	β	0.500	0.339 (0.476, 1.566)	0.053 (0.247, 0.947)	-0.220 (0.072, 0.555)		
	α	-0.457	-0.066 (-1.255, 0.204)	-0.026 (-0.865, -0.080)	-0.115 (-1.183, 0.070)		
	c_1	0.707	-0.013 (0.502, 0.879)				
200	μ_1	2.197	-0.000 (2.139, 2.260)	0.007 (2.143, 2.266)	0.020 (2.154, 2.278)	0.129 (2.280, 2.375)	0.007 (2.159, 2.244)
	μ_2	-0.405	-0.019 (-0.516, -0.343)	-0.004 (-0.463, -0.340)	0.150 (-0.299, -0.204)	0.120 (-0.328, -0.238)	-0.003 (-0.450, -0.369)
	τ_1	0.707	-0.001 (0.662, 0.757)	-0.004 (0.660, 0.755)	0.000 (0.660, 0.755)	-0.023 (0.641, 0.725)	-0.002 (0.671, 0.743)
	τ_2	0.707	0.011 (0.666, 0.776)	-0.006 (0.658, 0.747)	-0.028 (0.643, 0.722)	-0.031 (0.639, 0.719)	-0.005 (0.669, 0.740)
	ρ	-0.300	-0.003 (-0.407, -0.189)	-0.012 (-0.413, -0.203)	-0.135 (-0.510, -0.353)	-0.124 (-0.500, -0.341)	-0.006 (-0.374, -0.234)
	β	0.500	0.086 (0.438, 0.759)	0.004 (0.370, 0.664)	-0.240 (0.131, 0.385)		
	α	-0.457	0.015 (-0.753, -0.136)	0.002 (-0.640, -0.273)	-0.054 (-0.828, -0.138)		
	c_1	0.707	-0.024 (0.571, 0.813)				

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	0.010 (2.039, 2.377)	0.007 (2.036, 2.357)	-0.028 (1.986, 2.333)	0.104 (2.153, 2.429)	0.002 (2.077, 2.316)
	μ_2	-0.405	-0.053 (-0.658, -0.262)	-0.002 (-0.572, -0.257)	0.140 (-0.409, -0.110)	0.083 (-0.465, -0.189)	-0.003 (-0.524, -0.297)
	τ_1	0.707	-0.042 (0.548, 0.797)	-0.048 (0.540, 0.776)	-0.031 (0.552, 0.818)	-0.065 (0.539, 0.755)	-0.035 (0.569, 0.772)
	τ_2	0.707	-0.018 (0.550, 0.831)	-0.045 (0.527, 0.776)	-0.046 (0.531, 0.777)	-0.063 (0.519, 0.758)	-0.049 (0.561, 0.751)
	ρ	-0.600	-0.084 (-0.948, -0.396)	-0.097 (-0.949, -0.407)	-0.167 (-0.977, -0.557)	-0.152 (-0.979, -0.539)	-0.061 (-0.832, -0.460)
	β	0.500	1.103 (0.596, 2.000)	0.156 (0.237, 1.574)	-0.145 (0.058, 0.895)		
	α	-0.492	-0.200 (-2.002, 0.233)	-0.132 (-1.498, -0.076)	-0.271 (-1.874, 0.139)		
	c_1	0.707	-0.024 (0.474, 0.887)				
50	μ_1	2.197	0.008 (2.077, 2.325)	0.015 (2.089, 2.312)	-0.025 (2.058, 2.292)	0.097 (2.187, 2.387)	0.004 (2.117, 2.286)
	μ_2	-0.405	-0.039 (-0.592, -0.307)	0.004 (-0.515, -0.294)	0.144 (-0.371, -0.166)	0.084 (-0.420, -0.225)	-0.008 (-0.499, -0.322)
	τ_1	0.707	-0.018 (0.604, 0.782)	-0.028 (0.600, 0.766)	-0.010 (0.609, 0.799)	-0.043 (0.591, 0.750)	-0.023 (0.614, 0.755)
	τ_2	0.707	0.001 (0.618, 0.816)	-0.028 (0.590, 0.766)	-0.026 (0.593, 0.764)	-0.039 (0.585, 0.751)	-0.029 (0.614, 0.758)
	ρ	-0.600	-0.030 (-0.776, -0.448)	-0.046 (-0.786, -0.461)	-0.112 (-0.819, -0.594)	-0.095 (-0.810, -0.564)	-0.031 (-0.738, -0.506)
	β	0.500	0.372 (0.477, 1.552)	0.053 (0.269, 0.925)	-0.227 (0.071, 0.547)		
	α	-0.492	-0.055 (-1.229, 0.040)	-0.071 (-0.984, -0.132)	-0.062 (-1.196, 0.072)		
	c_1	0.707	-0.042 (0.515, 0.875)				
200	μ_1	2.197	-0.002 (2.133, 2.257)	0.000 (2.146, 2.249)	-0.025 (2.111, 2.228)	0.086 (2.242, 2.330)	-0.001 (2.156, 2.235)
	μ_2	-0.405	-0.017 (-0.517, -0.341)	0.003 (-0.457, -0.346)	0.148 (-0.313, -0.209)	0.092 (-0.362, -0.265)	0.004 (-0.445, -0.361)
	τ_1	0.707	-0.003 (0.662, 0.748)	-0.006 (0.661, 0.744)	0.013 (0.678, 0.770)	-0.016 (0.653, 0.733)	-0.006 (0.669, 0.737)
	τ_2	0.707	0.014 (0.671, 0.774)	-0.004 (0.661, 0.745)	-0.006 (0.659, 0.743)	-0.014 (0.652, 0.734)	-0.004 (0.669, 0.736)
	ρ	-0.600	-0.003 (-0.677, -0.516)	-0.005 (-0.674, -0.528)	-0.080 (-0.733, -0.621)	-0.065 (-0.718, -0.606)	-0.008 (-0.668, -0.546)
	β	0.500	0.104 (0.448, 0.770)	0.024 (0.376, 0.662)	-0.226 (0.148, 0.384)		
	α	-0.492	-0.006 (-0.854, -0.171)	-0.022 (-0.700, -0.298)	-0.065 (-0.822, -0.182)		
	c_1	0.707	-0.019 (0.554, 0.838)				