

Table of contents

Parâmetros	2
Skew-Normal	3
Censura à Esquerda	283
Grupo 1	283
Sem outliers	284
Grupo 2	285
Sem outliers	286
Censura Intervalar	287
Grupo 1	287
Sem outliers	288
Grupo 2	289
Sem outliers	290
Skew-T	291
Censura à Esquerda	291
Grupo 1	291
Sem outliers	292
Grupo 2	293
Sem outliers	294
Bias x MSE	295

Parâmetros

$$\beta_{i1} = (0, -1, -2, -3)$$

$$\alpha_{i1} = c(0.7, 1, 2)$$

$$\sigma_1^2 = 1$$

$$\lambda_1 = -1$$

$$\beta_{i2} = (-1, 1, 2, 3)$$

$$\sigma_2^2 = 2$$

$$\lambda_2 = 3$$

- Além disso para o caso da Skew-t foi utilizado

$$\nu_1 = \nu_2 = 3$$

Foram replicados 500 vezes o estudo de simulação para os seguintes tamanhos amostrais:

$$n = 100, 200, 500, 1000$$

Além disso o nível de censura foi variado entre:

$$Censura = 0\%, 7.5\%, 15\%, 30\%$$

Skew-Normal

\$`n = 1000`

\$`n = 1000`\$`cen = 0`

, , 1

	1	2
beta1	0.0003964557	-1.0066674
beta2	-1.0218712834	1.0515340
beta3	-1.9943107121	1.9649654
beta4	-2.9716832403	2.9881807
delta	-0.9629531614	1.2887354
gama	0.0425378642	0.2381958
sigma	0.9847926966	1.3780547
lambda	-4.6689295728	2.6405640
alpha1	0.6386437983	NA
alpha2	1.0043841697	NA
alpha3	1.9324127670	NA

, , 2

	1	2
beta1	0.04378652	-1.139672
beta2	-1.00408135	1.040176
beta3	-2.00850187	2.031804
beta4	-3.00252409	2.984272
delta	-0.97006600	1.426965
gama	0.03438298	0.137203
sigma	0.98762899	1.474257
lambda	-5.23154003	3.852402
alpha1	0.82890814	NA
alpha2	0.98409195	NA
alpha3	2.03131860	NA

, , 3

	1	2
beta1	-0.08101785	-1.0527883
beta2	-1.01335703	0.9881032
beta3	-1.99264751	1.9891790
beta4	-2.96050781	3.0549044
delta	-0.94034821	1.3353478

gama	0.03995880	0.2376218
sigma	0.96136026	1.4215399
lambda	-4.70416439	2.7393738
alpha1	0.63814778	NA
alpha2	0.95618195	NA
alpha3	1.87015296	NA

, , 4

	1	2
beta1	-0.05275405	-0.8104398
beta2	-0.99787814	1.0116931
beta3	-2.00265142	2.0179586
beta4	-2.98024195	2.9690463
delta	-0.98220438	1.1638882
gama	0.02569255	0.2671064
sigma	0.99519746	1.2734764
lambda	-6.12771107	2.2520037
alpha1	0.67878643	NA
alpha2	1.00500887	NA
alpha3	1.95813349	NA

, , 5

	1	2
beta1	-0.08674833	-0.8626163
beta2	-0.99716913	0.9688747
beta3	-2.00200119	2.0034750
beta4	-2.99264983	2.9683231
delta	-0.94699533	1.3884417
gama	0.06456352	0.1517239
sigma	0.98049155	1.4420452
lambda	-3.72695577	3.5645169
alpha1	0.61966597	NA
alpha2	1.02452326	NA
alpha3	1.87739752	NA

, , 6

	1	2
beta1	0.17017806	-0.6649324
beta2	-1.06266876	0.9447379
beta3	-2.01477386	1.9673646

beta4	-3.00208181	2.9266384
delta	-0.95902043	1.4091678
gama	0.04020743	0.1661571
sigma	0.97975896	1.4669393
lambda	-4.78271714	3.4570312
alpha1	0.74385885	NA
alpha2	1.10615752	NA
alpha3	2.14370177	NA

, , 7

	1	2
beta1	-0.08676117	-0.8172500
beta2	-0.99699407	0.9950839
beta3	-2.05369370	1.9691209
beta4	-2.97484591	3.0045220
delta	-0.96781501	1.1062919
gama	0.05764630	0.2840282
sigma	0.99715204	1.2279699
lambda	-4.03094285	2.0758165
alpha1	0.59055481	NA
alpha2	1.03442803	NA
alpha3	2.11135269	NA

, , 8

	1	2
beta1	0.06450553	-0.8623573
beta2	-1.02980725	0.9576468
beta3	-1.98261712	2.0297901
beta4	-2.99613848	2.9970328
delta	-0.96190966	1.3315140
gama	0.03734307	0.1924502
sigma	0.98112856	1.4019200
lambda	-4.97770650	3.0351947
alpha1	0.63370996	NA
alpha2	0.88494894	NA
alpha3	2.26879575	NA

, , 9

	1	2
beta1	-0.02232697	-1.2543830

beta2	-1.01445575	1.0222081
beta3	-2.02361431	1.9888429
beta4	-2.99858079	3.0632986
delta	-0.95690422	1.3873313
gama	0.05763239	0.1746907
sigma	0.98655870	1.4489233
lambda	-3.98598042	3.3192910
alpha1	0.70634257	NA
alpha2	1.18443888	NA
alpha3	2.17374933	NA

, , 10

	1	2
beta1	-0.08293037	-0.7128644
beta2	-0.98654256	0.9687007
beta3	-2.04435935	2.0053705
beta4	-2.98658202	2.9461752
delta	-0.97932914	1.3130925
gama	0.02584244	0.2000647
sigma	0.99243539	1.3871830
lambda	-6.09202813	2.9356892
alpha1	0.74584866	NA
alpha2	1.11920478	NA
alpha3	2.09828266	NA

, , 11

	1	2
beta1	0.08382229	-1.0752376
beta2	-1.02798989	0.9891118
beta3	-1.99995338	1.9915467
beta4	-2.98853356	3.0395039
delta	-1.02419991	1.2993008
gama	0.03092559	0.2154576
sigma	1.03918768	1.3797247
lambda	-5.82405826	2.7991671
alpha1	0.59590587	NA
alpha2	1.03701115	NA
alpha3	1.86644935	NA

, , 12

	1	2
beta1	-0.07920626	-0.7469599
beta2	-0.99579023	0.9790641
beta3	-1.97084177	1.9873927
beta4	-2.96219662	2.9394764
delta	-0.99006471	1.2051896
gama	0.02353570	0.2243610
sigma	1.00188015	1.2949297
lambda	-6.45357020	2.5443784
alpha1	0.76186474	NA
alpha2	1.02869413	NA
alpha3	2.15417082	NA

, , 13

	1	2
beta1	0.0457455	-0.9981146
beta2	-1.0068595	0.9571386
beta3	-1.9883620	1.9757424
beta4	-2.9946684	3.0471672
delta	-1.0203626	1.3540792
gama	0.0230862	0.2017582
sigma	1.0316133	1.4266355
lambda	-6.7154998	3.0145915
alpha1	0.6193667	NA
alpha2	0.9770466	NA
alpha3	2.1037640	NA

, , 14

	1	2
beta1	0.17189770	-0.8308663
beta2	-1.00711683	0.9594005
beta3	-2.01676948	2.0117239
beta4	-3.05421217	2.9915671
delta	-1.02078032	1.3732638
gama	0.03424712	0.2239842
sigma	1.03741967	1.4525280
lambda	-5.51594893	2.9016519
alpha1	0.66948045	NA
alpha2	0.96190993	NA
alpha3	1.84309051	NA

, , 15

	1	2
beta1	-0.07664784	-1.2145806
beta2	-0.99488953	1.0435027
beta3	-2.03383951	2.0312702
beta4	-2.99444942	3.0210840
delta	-0.98365090	1.4203930
gama	0.02915615	0.1859437
sigma	0.99836128	1.4844056
lambda	-5.76070846	3.2939560
alpha1	0.74359557	NA
alpha2	0.89696303	NA
alpha3	2.31073181	NA

, , 16

	1	2
beta1	-0.11062515	-0.7876076
beta2	-0.99066259	1.0177483
beta3	-1.98707822	2.0064931
beta4	-2.96297642	2.9091020
delta	-0.98552735	1.3684118
gama	0.03680647	0.1895701
sigma	1.00402721	1.4360087
lambda	-5.13696513	3.1429096
alpha1	0.81295833	NA
alpha2	1.13698791	NA
alpha3	2.06882455	NA

, , 17

	1	2
beta1	0.06262588	-1.0626844
beta2	-1.02485517	1.0125538
beta3	-2.00096113	2.0173174
beta4	-3.00067964	2.9703940
delta	-0.97623911	1.4210787
gama	0.03898073	0.1262948
sigma	0.99600378	1.4648411
lambda	-4.94460084	3.9987599
alpha1	0.73663142	NA
alpha2	1.09518916	NA

alpha3 2.16459325 NA

, , 18

	1	2
beta1	0.03569647	-1.1469214
beta2	-1.02534642	0.9997010
beta3	-1.99731791	1.9986796
beta4	-2.97543799	3.0305011
delta	-1.04103648	1.4068441
gama	0.03003233	0.1035592
sigma	1.05536216	1.4431804
lambda	-6.00719088	4.3717127
alpha1	0.69875248	NA
alpha2	0.93666445	NA
alpha3	1.89230445	NA

, , 19

	1	2
beta1	-0.06825061	-1.0319731
beta2	-0.99804622	1.0115354
beta3	-1.96699602	2.0210351
beta4	-2.98543078	2.9995227
delta	-1.04877835	1.2249218
gama	0.04311675	0.1865104
sigma	1.06913646	1.2988241
lambda	-5.05080644	2.8363303
alpha1	0.86070462	NA
alpha2	1.25495121	NA
alpha3	2.18551354	NA

, , 20

	1	2
beta1	-0.04211236	-1.1384290
beta2	-0.98530966	1.0134196
beta3	-2.02699478	1.9687894
beta4	-2.99459593	3.0405052
delta	-0.98152675	1.3172036
gama	0.02710702	0.1860637
sigma	0.99523956	1.3860336
lambda	-5.96157879	3.0536698

alpha1	0.63044884	NA
alpha2	1.04783050	NA
alpha3	2.06988844	NA

, , 21

	1	2
beta1	-0.02927856	-0.8720213
beta2	-0.97082893	1.0021582
beta3	-2.00171532	1.9827272
beta4	-3.04861964	2.9626775
delta	-0.94405653	1.3635699
gama	0.04491540	0.2074238
sigma	0.96755265	1.4376184
lambda	-4.45451452	2.9939748
alpha1	0.63402481	NA
alpha2	0.97600293	NA
alpha3	1.88819005	NA

, , 22

	1	2
beta1	0.009475939	-0.9546279
beta2	-0.988813674	1.0110366
beta3	-1.992005230	2.0181313
beta4	-3.007159955	2.9654477
delta	-1.004766268	1.3189151
gama	0.038495069	0.1824398
sigma	1.023743289	1.3863538
lambda	-5.121091052	3.0878557
alpha1	0.641993014	NA
alpha2	0.868830959	NA
alpha3	1.949703836	NA

, , 23

	1	2
beta1	-0.06238929	-0.8236201
beta2	-1.00592233	0.9581248
beta3	-2.00387697	1.9999801
beta4	-2.97143073	2.9988961
delta	-0.93862481	1.2670250
gama	0.03131718	0.2419649

sigma	0.95516161	1.3591605
lambda	-5.30396569	2.5757816
alpha1	0.70851628	NA
alpha2	0.89529171	NA
alpha3	1.94525047	NA

, , 24

	1	2
beta1	0.05080169	-0.8522982
beta2	-1.00161256	0.9797749
beta3	-1.98493137	2.0066581
beta4	-3.00879572	2.9316197
delta	-1.05289262	1.3955619
gama	0.03154297	0.1380611
sigma	1.06776676	1.4441794
lambda	-5.92833554	3.7558952
alpha1	0.72503176	NA
alpha2	1.15968375	NA
alpha3	2.10660847	NA

, , 25

	1	2
beta1	0.15739353	-1.2253678
beta2	-1.01349434	1.0023659
beta3	-2.02196280	2.0304471
beta4	-3.03016674	3.0485325
delta	-1.03284945	1.4861503
gama	0.03028496	0.1428051
sigma	1.04740773	1.5334431
lambda	-5.93503865	3.9327006
alpha1	0.79386121	NA
alpha2	1.04240793	NA
alpha3	2.09997997	NA

, , 26

	1	2
beta1	-0.03999004	-1.2518816
beta2	-0.98640740	1.0098400
beta3	-1.97929494	1.9747991
beta4	-3.01049273	3.0626828

delta	-0.95608909	1.4778971
gama	0.03396335	0.1701434
sigma	0.97368870	1.5343804
lambda	-5.18791820	3.5829160
alpha1	0.73417653	NA
alpha2	1.07488612	NA
alpha3	1.83660527	NA

, , 27

	1	2
beta1	0.10641812	-0.8134872
beta2	-1.01257760	0.9752521
beta3	-2.03614013	2.0250328
beta4	-3.03873426	2.9813945
delta	-0.95947079	1.2547096
gama	0.06034361	0.2321837
sigma	0.99041800	1.3440535
lambda	-3.90585485	2.6039182
alpha1	0.88103016	NA
alpha2	0.99804390	NA
alpha3	2.08191180	NA

, , 28

	1	2
beta1	0.1422346	-0.7950558
beta2	-1.0232635	0.9723232
beta3	-2.0040819	1.9647678
beta4	-3.0243452	2.9688783
delta	-0.9593010	1.3466037
gama	0.0399253	0.2023520
sigma	0.9798897	1.4197512
lambda	-4.8009903	2.9935464
alpha1	0.6852319	NA
alpha2	0.9566510	NA
alpha3	2.0301666	NA

, , 29

	1	2
beta1	-0.12123178	-0.9658800
beta2	-1.01312445	0.9899230

beta3	-2.01396358	1.9917648
beta4	-2.94470997	2.9766325
delta	-0.94360947	1.4219357
gama	0.05602486	0.1436116
sigma	0.97284310	1.4715681
lambda	-3.98659289	3.7521937
alpha1	0.60632288	NA
alpha2	0.89087423	NA
alpha3	2.23604007	NA

, , 30

	1	2
beta1	-0.04770586	-1.0296434
beta2	-1.01149665	0.9955873
beta3	-1.99519090	2.0411153
beta4	-2.97812767	3.0297803
delta	-0.95841568	1.2289402
gama	0.04033545	0.2174549
sigma	0.97923238	1.3144386
lambda	-4.77210999	2.6353979
alpha1	0.81299945	NA
alpha2	1.10014100	NA
alpha3	2.14152532	NA

, , 31

	1	2
beta1	-0.04035605	-0.7857194
beta2	-0.98756916	0.9984609
beta3	-1.99552145	1.9690035
beta4	-3.00946648	2.9557712
delta	-0.92412658	1.2064714
gama	0.04037627	0.3054570
sigma	0.94571994	1.3270381
lambda	-4.59905265	2.1829408
alpha1	0.76707466	NA
alpha2	1.04236283	NA
alpha3	2.12699593	NA

, , 32

	1	2
--	---	---

beta1	-0.06655842	-1.0032095
beta2	-1.02366996	1.0078393
beta3	-1.99963634	2.0174864
beta4	-2.96922273	3.0009183
delta	-0.93628393	1.3529515
gama	0.04386469	0.1427747
sigma	0.95942290	1.4047251
lambda	-4.47043741	3.5806067
alpha1	0.64005732	NA
alpha2	0.88183318	NA
alpha3	1.80344463	NA

, , 33

	1	2
beta1	-0.001034432	-0.8400580
beta2	-1.006493122	0.9507009
beta3	-1.991241115	1.9492461
beta4	-3.000286187	2.9854439
delta	-0.974022604	1.3563265
gama	0.043294790	0.1819646
sigma	0.995999409	1.4218250
lambda	-4.681135525	3.1795873
alpha1	0.675800871	NA
alpha2	0.967993120	NA
alpha3	1.924385533	NA

, , 34

	1	2
beta1	0.16421773	-0.6794726
beta2	-1.02516824	0.9866808
beta3	-1.98795261	1.9874721
beta4	-3.01681982	2.9408677
delta	-0.98695492	1.1968080
gama	0.02650669	0.2406010
sigma	1.00029331	1.2934258
lambda	-6.06205113	2.4399211
alpha1	0.73807271	NA
alpha2	1.08854240	NA
alpha3	2.13533490	NA

, , 35

	1	2
beta1	-0.0615701	-0.8431741
beta2	-0.9839631	0.9751123
beta3	-1.9865895	1.9975001
beta4	-2.9894881	2.9552155
delta	-1.0586067	1.3998308
gama	0.0281892	0.1402512
sigma	1.0718383	1.4490609
lambda	-6.3051192	3.7378531
alpha1	0.8739757	NA
alpha2	1.0472654	NA
alpha3	2.0393967	NA

, , 36

	1	2
beta1	0.08232766	-1.1925398
beta2	-1.02762964	1.0596943
beta3	-1.96552413	1.9429563
beta4	-2.99142796	3.0213266
delta	-1.02061930	1.4396135
gama	0.02607122	0.2688553
sigma	1.03331262	1.5301445
lambda	-6.32096082	2.7764290
alpha1	0.68163993	NA
alpha2	0.94113376	NA
alpha3	1.82248986	NA

, , 37

	1	2
beta1	-0.04692702	-1.0796698
beta2	-0.98588365	1.0066467
beta3	-1.99702592	2.0032249
beta4	-2.99594021	3.0236103
delta	-0.98766146	1.3431771
gama	0.02442757	0.1921425
sigma	0.99995136	1.4128932
lambda	-6.31928603	3.0642311
alpha1	0.71106693	NA
alpha2	1.14853286	NA
alpha3	1.97383913	NA

, , 38

	1	2
beta1	-0.04953567	-1.1606971
beta2	-0.97835652	0.9818769
beta3	-1.95881794	1.9824836
beta4	-3.00394104	3.0788773
delta	-0.88773126	1.3941900
gama	0.03390943	0.1641315
sigma	0.90662904	1.4518600
lambda	-4.82082419	3.4413270
alpha1	0.63831704	NA
alpha2	0.98525179	NA
alpha3	1.87441838	NA

, , 39

	1	2
beta1	-0.07111205	-1.2766902
beta2	-0.99033639	1.0211470
beta3	-1.99512955	2.0169330
beta4	-2.98271237	3.0647608
delta	-0.99664670	1.4711943
gama	0.04914111	0.1820603
sigma	1.02100233	1.5318202
lambda	-4.49592170	3.4479613
alpha1	0.57578618	NA
alpha2	0.81404684	NA
alpha3	2.01825435	NA

, , 40

	1	2
beta1	0.07812814	-1.0935097
beta2	-1.01119117	0.9889143
beta3	-2.01106976	2.0316586
beta4	-3.00827453	3.0330013
delta	-1.01575581	1.3879362
gama	0.02816583	0.1403965
sigma	1.02952693	1.4376242
lambda	-6.05240535	3.7041740
alpha1	0.69864718	NA

alpha2	0.94765534	NA
alpha3	1.90242149	NA

, , 41

	1	2
beta1	-0.04091656	-1.1158072
beta2	-0.97720756	1.0453525
beta3	-2.00834791	2.0369097
beta4	-2.98591253	3.0332257
delta	-1.07687320	1.2977090
gama	0.03705269	0.2134006
sigma	1.09394177	1.3774793
lambda	-5.59441518	2.8091793
alpha1	0.58394287	NA
alpha2	1.00282658	NA
alpha3	2.18689281	NA

, , 42

	1	2
beta1	-0.06466676	-1.0509186
beta2	-0.98269282	1.0852484
beta3	-1.97875074	1.9383652
beta4	-2.99985693	2.9804963
delta	-1.01041937	1.1558180
gama	0.03699758	0.2273671
sigma	1.02856448	1.2503129
lambda	-5.25309164	2.4239613
alpha1	0.71843985	NA
alpha2	0.97754913	NA
alpha3	2.06128329	NA

, , 43

	1	2
beta1	0.03621177	-0.8939480
beta2	-1.01150273	0.9805457
beta3	-1.97967598	2.0248214
beta4	-3.00578627	2.9985976
delta	-0.93441208	1.3531512
gama	0.03231268	0.2383204
sigma	0.95154538	1.4385195

lambda	-5.19818784	2.7718245
alpha1	0.76475000	NA
alpha2	1.09803913	NA
alpha3	1.95687097	NA

, , 44

	1	2
beta1	0.08114038	-0.9089872
beta2	-1.02957036	1.0204397
beta3	-1.99614146	1.9819330
beta4	-2.97509589	2.9504442
delta	-1.00369186	1.3578610
gama	0.02750910	0.2331781
sigma	1.01730351	1.4411678
lambda	-6.05148841	2.8119748
alpha1	0.76409900	NA
alpha2	1.03539459	NA
alpha3	2.02936025	NA

, , 45

	1	2
beta1	-0.01858321	-0.9109387
beta2	-1.02863669	1.0367741
beta3	-2.01720579	1.9279334
beta4	-2.97599446	2.9422407
delta	-0.90043134	1.3610389
gama	0.05780315	0.2873871
sigma	0.93197626	1.4628103
lambda	-3.74519846	2.5388495
alpha1	0.56366955	NA
alpha2	0.81296807	NA
alpha3	1.90925583	NA

, , 46

	1	2
beta1	-0.01002387	-0.6985185
beta2	-1.01049651	0.9550055
beta3	-1.99481995	1.9305062
beta4	-2.99114244	2.9295478
delta	-0.93433186	1.2920930

gama	0.04538924	0.2029030
sigma	0.95831376	1.3683594
lambda	-4.38555623	2.8684647
alpha1	0.71772704	NA
alpha2	0.94386813	NA
alpha3	1.93208297	NA

, , 47

	1	2
beta1	-0.12028111	-0.9336458
beta2	-0.98907050	0.9642487
beta3	-2.00789726	1.9867498
beta4	-2.97932995	3.0002842
delta	-0.91378576	1.4644988
gama	0.04699403	0.1502342
sigma	0.93914772	1.5149227
lambda	-4.21524717	3.7783711
alpha1	0.76567929	NA
alpha2	1.15930697	NA
alpha3	1.97355756	NA

, , 48

	1	2
beta1	-0.02031454	-1.1513948
beta2	-1.01124125	0.9993508
beta3	-1.96082833	2.0797886
beta4	-2.97120843	3.0378983
delta	-1.01303147	1.3874962
gama	0.03885881	0.1346696
sigma	1.03203274	1.4352057
lambda	-5.13899500	3.7809155
alpha1	0.81072608	NA
alpha2	1.05939716	NA
alpha3	1.96123689	NA

, , 49

	1	2
beta1	0.09325475	-1.3365698
beta2	-1.04410161	1.0336267
beta3	-1.99795841	1.9741136

beta4	-2.98401112	3.0821372
delta	-1.04302948	1.4085946
gama	0.03181695	0.2310251
sigma	1.05817174	1.4883426
lambda	-5.84746105	2.9305993
alpha1	0.89675685	NA
alpha2	1.05161068	NA
alpha3	2.00790610	NA

, , 50

	1	2
beta1	-0.03291626	-0.8134266
beta2	-1.02726153	0.9901534
beta3	-2.00656028	2.0276458
beta4	-2.97446558	2.9883212
delta	-0.93084040	1.2402615
gama	0.04763428	0.3070877
sigma	0.95608479	1.3584316
lambda	-4.26496460	2.2381132
alpha1	0.78701561	NA
alpha2	1.16344814	NA
alpha3	2.07338872	NA

, , 51

	1	2
beta1	0.03737871	-1.0030685
beta2	-1.01589086	0.9837312
beta3	-2.02365831	1.9823525
beta4	-2.98611360	3.0251668
delta	-0.97897851	1.1970726
gama	0.03808608	0.1962866
sigma	0.99824095	1.2764284
lambda	-5.01637527	2.7019368
alpha1	0.71030137	NA
alpha2	1.05928991	NA
alpha3	1.94214829	NA

, , 52

	1	2
beta1	-0.01078281	-0.9833413

beta2	-1.02153781	0.9941173
beta3	-1.99684817	1.9858257
beta4	-2.97777415	3.0206949
delta	-0.90392969	1.3922536
gama	0.04576373	0.1737335
sigma	0.92889860	1.4533078
lambda	-4.22545969	3.3402311
alpha1	0.71408290	NA
alpha2	1.07213171	NA
alpha3	2.10187373	NA

, , 53

	1	2
beta1	0.01052407	-1.1968423
beta2	-1.01446918	1.0578453
beta3	-2.03833407	1.9844373
beta4	-3.00330477	3.0196594
delta	-0.94927186	1.3264990
gama	0.04144304	0.1531033
sigma	0.97085534	1.3830050
lambda	-4.66299352	3.3901169
alpha1	0.58353328	NA
alpha2	1.02018167	NA
alpha3	2.27731137	NA

, , 54

	1	2
beta1	-0.07032027	-1.1281543
beta2	-0.99085976	1.0425774
beta3	-2.02437582	2.0145989
beta4	-2.99797405	2.9524474
delta	-0.93761967	1.4397336
gama	0.03392497	0.1783593
sigma	0.95553944	1.5003973
lambda	-5.09057677	3.4090574
alpha1	0.80902437	NA
alpha2	0.93178445	NA
alpha3	1.69467009	NA

, , 55

	1	2
beta1	0.04858864	-1.0823141
beta2	-1.01659837	1.0191322
beta3	-2.00185812	1.9817351
beta4	-3.02011388	3.0445458
delta	-1.00517009	1.3027386
gama	0.05234331	0.2287102
sigma	1.03087838	1.3877457
lambda	-4.39348299	2.7240468
alpha1	0.62057307	NA
alpha2	1.00370697	NA
alpha3	1.64687036	NA

, , 56

	1	2
beta1	-0.04484789	-0.7742204
beta2	-1.00239183	0.9351484
beta3	-2.01093367	1.9969295
beta4	-2.97438111	2.9748895
delta	-0.93383596	1.3157330
gama	0.04554620	0.1862539
sigma	0.95791221	1.3847048
lambda	-4.37566965	3.0487026
alpha1	0.79131716	NA
alpha2	1.07145987	NA
alpha3	2.32841349	NA

, , 57

	1	2
beta1	0.08944215	-0.7229984
beta2	-1.01605570	0.9563939
beta3	-2.05153377	2.0417920
beta4	-3.02045721	2.9427488
delta	-1.00385865	1.3462152
gama	0.04362980	0.2193523
sigma	1.02535944	1.4253588
lambda	-4.80596885	2.8743744
alpha1	0.62110482	NA
alpha2	0.91894899	NA
alpha3	2.15255923	NA

, , 58

	1	2
beta1	-0.13251310	-0.9120671
beta2	-0.99671239	0.9670415
beta3	-2.02132745	1.9842140
beta4	-2.98536631	3.0298790
delta	-0.96841201	1.2788098
gama	0.05779206	0.1755199
sigma	0.99780453	1.3456873
lambda	-4.02833973	3.0524091
alpha1	0.71398011	NA
alpha2	0.99268704	NA
alpha3	1.95547610	NA

, , 59

	1	2
beta1	0.03684598	-1.138780
beta2	-0.99696887	1.004154
beta3	-2.00815569	1.987883
beta4	-3.00947061	3.041547
delta	-1.00846882	1.416672
gama	0.03262408	0.180337
sigma	1.02451620	1.478951
lambda	-5.58333082	3.336006
alpha1	0.96246099	NA
alpha2	1.06712139	NA
alpha3	2.05428232	NA

, , 60

	1	2
beta1	-0.01258648	-1.2805613
beta2	-1.00724127	0.9995139
beta3	-2.00174810	1.9538668
beta4	-2.99862169	3.0702424
delta	-0.97108404	1.4241158
gama	0.04413982	0.1551289
sigma	0.99355123	1.4775773
lambda	-4.62212339	3.6157551
alpha1	0.79235509	NA
alpha2	1.10402608	NA

alpha3 2.11968319 NA

, , 61

	1	2
beta1	0.06691818	-0.7765968
beta2	-1.01439062	0.9918691
beta3	-2.05003687	2.0522458
beta4	-3.02312097	2.9499314
delta	-1.01458140	1.3011795
gama	0.05566434	0.2430613
sigma	1.04165241	1.3914486
lambda	-4.30029609	2.6392423
alpha1	0.64072806	NA
alpha2	0.93317580	NA
alpha3	2.29354050	NA

, , 62

	1	2
beta1	0.007832066	-0.9897789
beta2	-0.988460669	1.0191322
beta3	-2.011439718	2.0056441
beta4	-3.009073787	2.9980460
delta	-0.991087865	1.3509974
gama	0.039387248	0.2366416
sigma	1.010763278	1.4359093
lambda	-4.993836710	2.7772117
alpha1	0.772671743	NA
alpha2	0.932558327	NA
alpha3	2.121253485	NA

, , 63

	1	2
beta1	0.12414153	-0.8243276
beta2	-1.01132044	0.9555582
beta3	-1.99804146	2.0152183
beta4	-3.03354462	2.9692075
delta	-0.92549751	1.2961667
gama	0.05167461	0.1449366
sigma	0.95300590	1.3509200
lambda	-4.07133320	3.4046450

alpha1	0.62569710	NA
alpha2	1.02317266	NA
alpha3	2.09546868	NA

, , 64

	1	2
beta1	-0.01558861	-1.3068341
beta2	-1.00166026	1.0564006
beta3	-1.98960537	1.9990965
beta4	-3.00080360	3.0377520
delta	-0.98386979	1.3325650
gama	0.03653754	0.1398486
sigma	1.00226608	1.3840441
lambda	-5.14716384	3.5633565
alpha1	0.86962321	NA
alpha2	1.00150817	NA
alpha3	1.98507831	NA

, , 65

	1	2
beta1	-0.01916939	-0.7928921
beta2	-1.00084197	0.9704846
beta3	-2.01827041	2.0327314
beta4	-3.00251389	2.9640041
delta	-0.98127015	1.2699620
gama	0.04827757	0.2339475
sigma	1.00556883	1.3589522
lambda	-4.46597088	2.6256177
alpha1	0.78678499	NA
alpha2	0.98869303	NA
alpha3	2.20094574	NA

, , 66

	1	2
beta1	0.01551569	-1.0436883
beta2	-0.98376875	0.9838073
beta3	-1.97486553	1.9948635
beta4	-3.02616309	3.0134130
delta	-0.90990122	1.3840781
gama	0.03857935	0.2396692

sigma	0.93085959	1.4681081
lambda	-4.63251480	2.8271865
alpha1	0.68988053	NA
alpha2	1.15509456	NA
alpha3	2.21405778	NA

, , 67

	1	2
beta1	-0.006079533	-1.2830308
beta2	-1.008454101	1.0439925
beta3	-2.006675351	1.9947854
beta4	-3.000914140	3.0710316
delta	-0.910259495	1.3656333
gama	0.037342141	0.1627377
sigma	0.930545265	1.4239705
lambda	-4.710484866	3.3852445
alpha1	0.788118723	NA
alpha2	1.070533352	NA
alpha3	2.072160155	NA

, , 68

	1	2
beta1	-0.09067264	-1.2431251
beta2	-0.98536626	0.9807073
beta3	-1.98109004	2.0182129
beta4	-2.98825168	3.0754021
delta	-0.97064428	1.3929315
gama	0.05005079	0.1287423
sigma	0.99609292	1.4384020
lambda	-4.33865025	3.8821219
alpha1	0.65018411	NA
alpha2	0.93304901	NA
alpha3	1.98303475	NA

, , 69

	1	2
beta1	-0.04046192	-0.3857821
beta2	-0.95242914	0.9344489
beta3	-1.99632695	2.0045787
beta4	-3.03287049	2.9793187

delta	-0.99584267	1.0045492
gama	0.03348617	0.3990929
sigma	1.01251607	1.1866811
lambda	-5.44199319	1.5901359
alpha1	0.70122268	NA
alpha2	0.96911778	NA
alpha3	1.99029861	NA

, , 70

	1	2
beta1	0.09155031	-0.9816587
beta2	-1.01599369	0.9595915
beta3	-1.99240569	1.9931872
beta4	-3.01148017	3.0310976
delta	-1.01280981	1.3336172
gama	0.03239378	0.2415696
sigma	1.02867755	1.4213038
lambda	-5.62726129	2.7133763
alpha1	0.81209954	NA
alpha2	1.05727726	NA
alpha3	1.95830647	NA

, , 71

	1	2
beta1	-0.003677858	-1.1371382
beta2	-0.998799362	1.0207304
beta3	-1.976576371	2.0070467
beta4	-2.994215603	2.9774088
delta	-1.000677415	1.4893899
gama	0.039639035	0.1304887
sigma	1.020291293	1.5325701
lambda	-5.026116639	4.1230819
alpha1	0.662582630	NA
alpha2	0.717583150	NA
alpha3	1.799482493	NA

, , 72

	1	2
beta1	0.04199994	-0.9877797
beta2	-1.00373977	1.0033675

beta3	-2.01454209	2.0060602
beta4	-3.00499193	2.9863212
delta	-1.00566101	1.3419555
gama	0.04069886	0.2278681
sigma	1.02569632	1.4243288
lambda	-4.98494638	2.8112295
alpha1	0.70117405	NA
alpha2	0.95358930	NA
alpha3	2.19136747	NA

, , 73

	1	2
beta1	0.1295902	-1.1526895
beta2	-1.0199442	0.9964468
beta3	-1.9781249	2.0311495
beta4	-3.0233838	3.0361459
delta	-0.9639058	1.4176092
gama	0.0451023	0.2143038
sigma	0.9870241	1.4912812
lambda	-4.5387394	3.0622563
alpha1	0.6626384	NA
alpha2	0.9500998	NA
alpha3	1.9363114	NA

, , 74

	1	2
beta1	0.09468564	-1.0436835
beta2	-0.99543701	1.0166610
beta3	-2.01499655	1.9509822
beta4	-3.02843985	3.0341670
delta	-1.02238670	1.2078802
gama	0.02509545	0.2633868
sigma	1.03458688	1.3123876
lambda	-6.45383301	2.3535683
alpha1	0.71682807	NA
alpha2	1.05968358	NA
alpha3	1.86467330	NA

, , 75

	1	2
--	---	---

beta1	-0.22732395	-0.8028017
beta2	-0.95980498	0.9833589
beta3	-2.00432166	1.9968559
beta4	-2.97929218	2.9884476
delta	-0.87310621	1.1918904
gama	0.05113047	0.3234445
sigma	0.90191182	1.3206238
lambda	-3.86124326	2.0957355
alpha1	0.64384030	NA
alpha2	0.84863090	NA
alpha3	1.78702413	NA

, , 76

	1	2
beta1	-0.11757914	-1.0729708
beta2	-0.99085215	1.0404798
beta3	-2.00094094	1.9547781
beta4	-2.96790074	3.0155171
delta	-0.96731799	1.2302958
gama	0.03295567	0.2283591
sigma	0.98420514	1.3198435
lambda	-5.32849085	2.5745441
alpha1	0.79751960	NA
alpha2	1.12811118	NA
alpha3	2.06685080	NA

, , 77

	1	2
beta1	0.04499600	-0.9620207
beta2	-0.98579405	1.0623616
beta3	-1.96015055	2.0281004
beta4	-3.01905407	2.9447868
delta	-1.01001823	1.3083634
gama	0.03296859	0.2145677
sigma	1.02620924	1.3879418
lambda	-5.56261523	2.8245300
alpha1	0.80049864	NA
alpha2	1.02816774	NA
alpha3	2.05649565	NA

, , 78

	1	2
beta1	-0.05376227	-1.1172808
beta2	-0.99001509	1.0088731
beta3	-1.99246629	1.9860502
beta4	-2.99263036	2.9750589
delta	-0.99019442	1.5105785
gama	0.04693251	0.1466034
sigma	1.01361605	1.5583487
lambda	-4.57070907	3.9452207
alpha1	0.71386583	NA
alpha2	1.03457031	NA
alpha3	2.16999782	NA

, , 79

	1	2
beta1	-0.05306080	-0.7586032
beta2	-0.97702401	1.0216151
beta3	-2.01108532	1.9680749
beta4	-3.00238907	2.8686137
delta	-1.02542620	1.4053335
gama	0.03683174	0.1643948
sigma	1.04323086	1.4626541
lambda	-5.34309982	3.4660541
alpha1	0.70436312	NA
alpha2	1.02770888	NA
alpha3	1.83691576	NA

, , 80

	1	2
beta1	-0.05996840	-0.8374547
beta2	-0.99008047	0.9890581
beta3	-2.01698360	1.9856916
beta4	-2.97667728	2.9474853
delta	-1.01440995	1.2632289
gama	0.02382328	0.2060353
sigma	1.02608519	1.3423049
lambda	-6.57222965	2.7829876
alpha1	0.64261781	NA
alpha2	1.07402172	NA
alpha3	2.03588856	NA

, , 81

	1	2
beta1	0.0765161	-1.1699082
beta2	-0.9996871	1.0526438
beta3	-1.9958539	1.9252707
beta4	-3.0361522	2.9799134
delta	-0.9556452	1.3461806
gama	0.0393194	0.1806036
sigma	0.9760006	1.4116677
lambda	-4.8194029	3.1676718
alpha1	0.5924652	NA
alpha2	0.8056601	NA
alpha3	2.0356929	NA

, , 82

	1	2
beta1	-0.0008717926	-1.3004393
beta2	-0.9989838847	1.0367074
beta3	-2.0134729346	2.0244918
beta4	-2.9906350301	3.0349721
delta	-1.0379683967	1.4300899
gama	0.0350648353	0.1418816
sigma	1.0547242425	1.4788640
lambda	-5.5430427621	3.7966478
alpha1	0.7484569124	NA
alpha2	1.0308327687	NA
alpha3	2.0477412349	NA

, , 83

	1	2
beta1	-0.05351301	-1.0471243
beta2	-1.00030765	0.9952402
beta3	-1.99197737	1.9167841
beta4	-2.96832946	3.0494591
delta	-1.03613353	1.2202166
gama	0.03237427	0.2068147
sigma	1.05164013	1.3022071
lambda	-5.75858427	2.6831579
alpha1	0.70074607	NA

alpha2	0.98802820	NA
alpha3	1.90067478	NA

, , 84

	1	2
beta1	0.05904878	-0.8736174
beta2	-0.97798373	0.9663667
beta3	-2.00074570	1.9885290
beta4	-3.04264220	3.0002919
delta	-1.03450173	1.3227013
gama	0.03133850	0.1951347
sigma	1.04953910	1.3945155
lambda	-5.84375705	2.9942947
alpha1	0.48214447	NA
alpha2	0.85415483	NA
alpha3	1.82198748	NA

, , 85

	1	2
beta1	0.06679732	-1.0296000
beta2	-1.01757798	1.0116593
beta3	-1.98208103	1.9950000
beta4	-3.01418828	3.0090429
delta	-1.00326753	1.3129785
gama	0.04074588	0.1822578
sigma	1.02337266	1.3806413
lambda	-4.97021188	3.0754913
alpha1	0.68286764	NA
alpha2	1.08414329	NA
alpha3	1.94170918	NA

, , 86

	1	2
beta1	0.03751666	-0.9328694
beta2	-0.98110234	1.0312832
beta3	-1.99516123	2.0489429
beta4	-3.04416447	2.9474757
delta	-0.94237531	1.2730886
gama	0.03976833	0.2056867
sigma	0.96324428	1.3514589

lambda	-4.72558123	2.8070847
alpha1	0.75338905	NA
alpha2	1.01689327	NA
alpha3	2.18220895	NA

, , 87

	1	2
beta1	0.004270304	-1.264703
beta2	-0.971447892	1.071397
beta3	-2.003134742	2.063095
beta4	-3.034387355	3.041430
delta	-1.003167805	1.389263
gama	0.031655057	0.210089
sigma	1.018823194	1.462922
lambda	-5.638350070	3.030979
alpha1	0.634745764	NA
alpha2	1.023070803	NA
alpha3	1.995894336	NA

, , 88

	1	2
beta1	0.07536411	-1.3609422
beta2	-1.02357618	1.0450443
beta3	-1.98161811	2.0014108
beta4	-3.02499164	3.0266958
delta	-0.87097182	1.4899899
gama	0.05235193	0.1614337
sigma	0.90052420	1.5432121
lambda	-3.80660460	3.7083975
alpha1	0.74347551	NA
alpha2	1.09241181	NA
alpha3	1.91283158	NA

, , 89

	1	2
beta1	0.02860242	-1.0287589
beta2	-1.01830256	0.9971627
beta3	-1.96552693	1.9376371
beta4	-3.00800888	2.9875205
delta	-0.94190792	1.3685495

gama	0.06628349	0.1180009
sigma	0.97645995	1.4110027
lambda	-3.65852272	3.9839872
alpha1	0.59976314	NA
alpha2	0.84628463	NA
alpha3	1.81112338	NA

, , 90

	1	2
beta1	0.09799416	-0.9765084
beta2	-1.02523687	0.9999408
beta3	-2.00497625	1.9863849
beta4	-3.01997960	2.9977391
delta	-0.97909101	1.2531642
gama	0.04767175	0.2117618
sigma	1.00314055	1.3349840
lambda	-4.48427804	2.7232289
alpha1	0.79529914	NA
alpha2	1.07590061	NA
alpha3	1.91731127	NA

, , 91

	1	2
beta1	-0.1154355	-1.3362521
beta2	-0.9861472	0.9949323
beta3	-1.9893992	1.9967835
beta4	-2.9710163	3.0724852
delta	-0.9578377	1.4749811
gama	0.0460379	0.1156056
sigma	0.9815758	1.5136627
lambda	-4.4641026	4.3380737
alpha1	0.6316420	NA
alpha2	0.9183794	NA
alpha3	2.0161201	NA

, , 92

	1	2
beta1	0.02568780	-1.2535233
beta2	-1.02118662	1.0399549
beta3	-1.98629140	1.9644047

beta4	-2.98602812	3.0679643
delta	-0.97873998	1.2453700
gama	0.02670052	0.1727893
sigma	0.99228648	1.3129111
lambda	-5.98973340	2.9959870
alpha1	0.79125170	NA
alpha2	1.31371392	NA
alpha3	2.43025430	NA

, , 93

	1	2
beta1	0.17240791	-0.9184014
beta2	-1.01607472	0.9896736
beta3	-1.98504272	1.9851690
beta4	-3.04169855	2.9794052
delta	-1.06286992	1.4144005
gama	0.02810982	0.1305510
sigma	1.07601222	1.4598218
lambda	-6.33944306	3.9145546
alpha1	0.74761537	NA
alpha2	1.01480063	NA
alpha3	2.06408947	NA

, , 94

	1	2
beta1	-0.02476053	-1.0493264
beta2	-0.98519416	0.9687739
beta3	-2.01597308	1.9895098
beta4	-2.99388823	2.9972145
delta	-1.03016834	1.4849290
gama	0.03927157	0.1371136
sigma	1.04905594	1.5304012
lambda	-5.19839251	4.0101951
alpha1	0.74989378	NA
alpha2	1.07778739	NA
alpha3	2.29145343	NA

, , 95

	1	2
beta1	-0.09207488	-1.1142203

beta2	-1.03420244	1.0285836
beta3	-1.99646106	2.0184662
beta4	-2.94668344	3.0111311
delta	-0.92700267	1.3757021
gama	0.03270767	0.2016451
sigma	0.94447955	1.4471356
lambda	-5.12573544	3.0635893
alpha1	0.72767939	NA
alpha2	0.96055465	NA
alpha3	2.12212688	NA

, , 96

	1	2
beta1	0.01791370	-0.7002553
beta2	-0.98791331	0.9738293
beta3	-1.99004135	2.0098655
beta4	-3.01886441	2.9282791
delta	-0.96741689	1.2634129
gama	0.04821621	0.1896636
sigma	0.99202401	1.3363666
lambda	-4.40572255	2.9010375
alpha1	0.63449330	NA
alpha2	1.10603587	NA
alpha3	2.04814338	NA

, , 97

	1	2
beta1	0.10105853	-0.9239370
beta2	-1.03289317	0.9721181
beta3	-2.02411495	2.0305540
beta4	-2.99999249	3.0276552
delta	-0.95599027	1.2545683
gama	0.04127137	0.1842243
sigma	0.97733759	1.3259585
lambda	-4.70575207	2.9229466
alpha1	0.69519516	NA
alpha2	1.00481908	NA
alpha3	1.81307459	NA

, , 98

	1	2
beta1	-0.09133019	-0.9213793
beta2	-0.99526553	0.9592852
beta3	-2.02624383	2.0052956
beta4	-2.99201195	3.0454302
delta	-0.95092039	1.2438011
gama	0.06257076	0.2965313
sigma	0.98327023	1.3577822
lambda	-3.80153005	2.2841030
alpha1	0.67030883	NA
alpha2	1.03376107	NA
alpha3	2.06520855	NA

, , 99

	1	2
beta1	-0.09669835	-0.7932706
beta2	-0.99137811	0.9870770
beta3	-1.96431434	1.9982023
beta4	-2.98232047	2.9403808
delta	-0.91215174	1.3580622
gama	0.03698073	0.2264313
sigma	0.93220251	1.4390151
lambda	-4.74328631	2.8539836
alpha1	0.75674167	NA
alpha2	1.07123331	NA
alpha3	2.17053441	NA

, , 100

	1	2
beta1	-0.16923204	-1.0307559
beta2	-1.00355083	0.9748706
beta3	-1.97992430	1.9949784
beta4	-2.94291363	3.0324089
delta	-0.90913845	1.3085287
gama	0.03427537	0.2215017
sigma	0.92779744	1.3905930
lambda	-4.91064989	2.7803198
alpha1	0.86000604	NA
alpha2	1.16356131	NA
alpha3	2.26221862	NA

```
$`n = 1000`$`cen = 0.075`  
, , 1
```

	1	2
beta1	-0.90181962	-0.9578926
beta2	-1.00263121	1.0090460
beta3	-2.03042717	2.0215264
beta4	-2.98762711	2.9927793
delta	0.05917982	1.3547770
gama	0.35757331	0.2481159
sigma	0.60089563	1.4434461
lambda	0.09896715	2.7198221
alpha1	0.74208238	NA
alpha2	1.00898540	NA
alpha3	2.17797467	NA

```
, , 2
```

	1	2
beta1	-0.68951680	-1.1257816
beta2	-1.03037725	1.0053036
beta3	-1.99915998	2.0259802
beta4	-3.01712559	3.0557571
delta	0.05495315	1.3272200
gama	0.32820288	0.2614197
sigma	0.57551953	1.4222984
lambda	0.09592270	2.5958151
alpha1	0.81788006	NA
alpha2	1.13793256	NA
alpha3	2.08994782	NA

```
, , 3
```

	1	2
beta1	-0.82095015	-0.8547213
beta2	-1.00445394	0.9776242
beta3	-1.99815217	2.0334370
beta4	-2.98876591	2.9655586
delta	0.05079152	1.3560374
gama	0.41373584	0.1958340
sigma	0.64522525	1.4264191
lambda	0.07896409	3.0642744

alpha1	0.78464474	NA
alpha2	1.03474195	NA
alpha3	2.14086094	NA

, , 4

	1	2
beta1	-0.84436999	-0.9382141
beta2	-1.00732001	0.9849317
beta3	-1.97626256	2.0096432
beta4	-2.96441442	3.0136840
delta	0.05654025	1.2740266
gama	0.34919582	0.2120737
sigma	0.59362667	1.3547020
lambda	0.09568044	2.7665282
alpha1	0.82155970	NA
alpha2	1.19536303	NA
alpha3	1.89917039	NA

, , 5

	1	2
beta1	-0.99585835	-1.1426053
beta2	-0.97948815	1.0487224
beta3	-1.99365619	1.9749979
beta4	-2.96021545	2.9649429
delta	0.06224139	1.4041988
gama	0.38973889	0.1537138
sigma	0.62738575	1.4579054
lambda	0.09969937	3.5815597
alpha1	0.65774061	NA
alpha2	1.07645448	NA
alpha3	1.72677405	NA

, , 6

	1	2
beta1	-0.82253269	-0.9437434
beta2	-1.01160489	0.9883532
beta3	-1.98951685	1.9974634
beta4	-2.98870689	2.9765509
delta	0.04311764	1.3842336
gama	0.43212878	0.1430276

sigma	0.65877759	1.4349670
lambda	0.06559162	3.6601548
alpha1	0.68238186	NA
alpha2	1.06111925	NA
alpha3	1.84473168	NA

, , 7

	1	2
beta1	-0.9518972	-1.1989955
beta2	-0.9538954	1.0165606
beta3	-1.9794432	1.9883180
beta4	-3.0242906	3.0485117
delta	0.0616255	1.3777889
gama	0.3643490	0.1819675
sigma	0.6067510	1.4423141
lambda	0.1020943	3.2298756
alpha1	0.7450915	NA
alpha2	1.0357653	NA
alpha3	2.3457035	NA

, , 8

	1	2
beta1	-0.91693940	-1.1323202
beta2	-0.98129756	1.0639840
beta3	-1.92695786	2.0219369
beta4	-2.97931215	2.9443143
delta	0.05682268	1.3514412
gama	0.34722773	0.1904429
sigma	0.59199371	1.4201536
lambda	0.09643053	3.0968119
alpha1	0.60330427	NA
alpha2	0.90912925	NA
alpha3	2.07940492	NA

, , 9

	1	2
beta1	-0.88083775	-1.2784486
beta2	-0.99025455	1.0289350
beta3	-1.97373848	2.0296135
beta4	-3.01360810	3.0573306

delta	0.06609234	1.3764701
gama	0.36037450	0.2073255
sigma	0.60393932	1.4498260
lambda	0.11009665	3.0230158
alpha1	0.56731281	NA
alpha2	0.94449239	NA
alpha3	1.98243632	NA

, , 10

	1	2
beta1	-0.85793913	-0.9484203
beta2	-0.98554434	0.9645884
beta3	-1.97790387	2.0467064
beta4	-2.97413224	3.0305600
delta	0.06191612	1.2608097
gama	0.32174404	0.2765363
sigma	0.57059412	1.3660810
lambda	0.10915622	2.3975820
alpha1	0.66082287	NA
alpha2	0.94621136	NA
alpha3	1.96413713	NA

, , 11

	1	2
beta1	-0.92147088	-0.9603142
beta2	-0.98149888	1.0256821
beta3	-1.98682342	2.0286923
beta4	-2.98867627	2.9622276
delta	0.05609337	1.3520942
gama	0.35139820	0.1960791
sigma	0.59543653	1.4227571
lambda	0.09462628	3.0534534
alpha1	0.63856375	NA
alpha2	1.03643775	NA
alpha3	1.79380799	NA

, , 12

	1	2
beta1	-0.74228968	-1.3207643
beta2	-0.98501738	1.0075576

beta3	-1.98858865	1.9995065
beta4	-3.05652807	3.1129903
delta	0.04334141	1.3961444
gama	0.36956876	0.1330747
sigma	0.60946471	1.4430156
lambda	0.07129439	3.8272134
alpha1	0.61365240	NA
alpha2	0.78498469	NA
alpha3	1.84661908	NA

, , 13

	1	2
beta1	-0.76855934	-0.9604110
beta2	-1.02903221	1.0042704
beta3	-1.97797051	2.0087776
beta4	-2.99708513	2.9672838
delta	0.06444714	1.3894311
gama	0.39294597	0.1854981
sigma	0.63015824	1.4546536
lambda	0.10281044	3.2260216
alpha1	0.70599731	NA
alpha2	1.03893551	NA
alpha3	2.06020831	NA

, , 14

	1	2
beta1	-1.10462735	-1.0603360
beta2	-0.96988326	1.0389561
beta3	-1.92643155	1.9913185
beta4	-2.93599699	3.0175415
delta	0.05986332	1.2386292
gama	0.39477563	0.2456041
sigma	0.63115707	1.3340939
lambda	0.09527646	2.4993297
alpha1	0.50017005	NA
alpha2	0.98656333	NA
alpha3	2.12387504	NA

, , 15

	1	2
--	---	---

beta1	-0.88657531	-0.9638550
beta2	-0.98655767	0.9525134
beta3	-2.01001373	2.0662707
beta4	-3.02033939	3.0315820
delta	0.06755894	1.4183235
gama	0.40218527	0.1967355
sigma	0.63776914	1.4860610
lambda	0.10652946	3.1976719
alpha1	0.80101511	NA
alpha2	1.04154584	NA
alpha3	2.12012465	NA

, , 16

	1	2
beta1	-0.66470245	-1.3104776
beta2	-1.01654822	1.0393372
beta3	-1.98425140	1.9630830
beta4	-3.05437468	3.0806126
delta	0.06262787	1.2863217
gama	0.36747490	0.1214173
sigma	0.60942362	1.3326818
lambda	0.10331272	3.6915549
alpha1	0.60266597	NA
alpha2	1.00697108	NA
alpha3	2.05058388	NA

, , 17

	1	2
beta1	-1.04970833	-0.7652849
beta2	-0.97226820	0.9466166
beta3	-1.99863848	1.9752672
beta4	-2.95304363	2.9409705
delta	0.06142521	1.4489229
gama	0.42473972	0.1404104
sigma	0.65460887	1.4965921
lambda	0.09425083	3.8667454
alpha1	0.72822418	NA
alpha2	0.92373915	NA
alpha3	1.69044084	NA

, , 18

	1	2
beta1	-0.79555354	-1.1330229
beta2	-1.00192149	0.9921427
beta3	-2.03133104	2.0030472
beta4	-3.00873714	3.0285738
delta	0.04564007	1.4739050
gama	0.34278928	0.1085970
sigma	0.58725829	1.5102957
lambda	0.07795297	4.4726062
alpha1	0.65023982	NA
alpha2	0.93093388	NA
alpha3	2.04836588	NA

, , 19

	1	2
beta1	-0.74307957	-0.8357423
beta2	-1.00158104	0.9859652
beta3	-1.99301834	1.9375415
beta4	-3.02756249	2.9456929
delta	0.05689233	1.2729119
gama	0.33766626	0.1729896
sigma	0.58386899	1.3391394
lambda	0.09790613	3.0604711
alpha1	0.81352181	NA
alpha2	1.22531839	NA
alpha3	2.11877422	NA

, , 20

	1	2
beta1	-1.03257330	-1.2601667
beta2	-0.98910395	1.0512672
beta3	-2.00680910	2.0573483
beta4	-2.94594083	3.0155794
delta	0.05221273	1.3365695
gama	0.37721071	0.2032042
sigma	0.61639020	1.4105397
lambda	0.08501282	2.9650038
alpha1	0.73091416	NA
alpha2	0.96387314	NA
alpha3	1.89865854	NA

, , 21

	1	2
beta1	-0.79263554	-1.0438641
beta2	-0.98751949	1.0381892
beta3	-2.01219367	1.9956841
beta4	-3.01318142	2.9578192
delta	0.05387256	1.3364687
gama	0.36797364	0.2537119
sigma	0.60899581	1.4282369
lambda	0.08880947	2.6533124
alpha1	0.66375975	NA
alpha2	0.88311845	NA
alpha3	2.13994661	NA

, , 22

	1	2
beta1	-0.88286876	-1.0053341
beta2	-0.98332924	0.9854052
beta3	-2.03303921	2.0071542
beta4	-2.99809276	3.0072967
delta	0.04688622	1.4396207
gama	0.38347986	0.1501978
sigma	0.62102993	1.4908741
lambda	0.07571360	3.7146360
alpha1	0.75759355	NA
alpha2	1.10155096	NA
alpha3	2.24465221	NA

, , 23

	1	2
beta1	-0.55761154	-0.9325252
beta2	-0.99273620	0.9658595
beta3	-2.03153076	1.9994955
beta4	-3.11531963	3.0362236
delta	0.06145793	1.2851492
gama	0.34905979	0.2489536
sigma	0.59400073	1.3786088
lambda	0.10402268	2.5756943
alpha1	0.66960929	NA

alpha2	0.98310714	NA
alpha3	1.99540912	NA

, , 24

	1	2
beta1	-0.78852341	-0.8704672
beta2	-1.01963617	1.0127462
beta3	-1.99578314	1.9762912
beta4	-2.99431145	2.9572690
delta	0.06117111	1.3641542
gama	0.36817117	0.2844190
sigma	0.60984677	1.4646964
lambda	0.10081414	2.5579034
alpha1	0.69677435	NA
alpha2	0.84644578	NA
alpha3	2.26923211	NA

, , 25

	1	2
beta1	-0.85600264	-0.7632364
beta2	-1.00294598	0.9549587
beta3	-2.01586839	2.0653637
beta4	-2.98344930	2.9657230
delta	0.06440026	1.3726759
gama	0.39852303	0.1460375
sigma	0.63456317	1.4248777
lambda	0.10201427	3.5919962
alpha1	0.70922202	NA
alpha2	0.99788851	NA
alpha3	1.88005264	NA

, , 26

	1	2
beta1	-0.76153731	-0.8431053
beta2	-0.99694180	0.9826500
beta3	-2.00398627	2.0322441
beta4	-3.04643307	2.9516451
delta	0.05673131	1.3352138
gama	0.36410121	0.1288305
sigma	0.60606901	1.3826158

lambda	0.09401817	3.7199878
alpha1	0.66734020	NA
alpha2	0.95247572	NA
alpha3	1.54710306	NA

, , 27

	1	2
beta1	-0.85445259	-1.0356413
beta2	-1.03069643	0.9948702
beta3	-2.01726959	2.0655581
beta4	-2.95362469	3.0275288
delta	0.05453019	1.3329875
gama	0.38059582	0.2036997
sigma	0.61932977	1.4073221
lambda	0.08839038	2.9534587
alpha1	0.52037125	NA
alpha2	1.02967613	NA
alpha3	2.01688584	NA

, , 28

	1	2
beta1	-0.70406789	-1.1436902
beta2	-1.01858173	0.9990757
beta3	-2.00875128	1.9598769
beta4	-3.03216569	3.0399261
delta	0.03943264	1.4437129
gama	0.38235287	0.1870145
sigma	0.61960294	1.5070904
lambda	0.06377106	3.3384374
alpha1	0.61324692	NA
alpha2	1.01934754	NA
alpha3	1.68057314	NA

, , 29

	1	2
beta1	-0.91259209	-0.7632372
beta2	-0.98632893	0.9597394
beta3	-2.01841777	1.9921849
beta4	-2.96772551	2.9980377
delta	0.05465727	1.2449997

gama	0.33101672	0.2984749
sigma	0.57793091	1.3595952
lambda	0.09499986	2.2788480
alpha1	0.62794641	NA
alpha2	0.94240184	NA
alpha3	1.83564349	NA

, , 30

	1	2
beta1	-0.9314549	-0.7471473
beta2	-0.9869147	0.9644611
beta3	-1.9788546	1.9726691
beta4	-2.9750308	2.9744261
delta	0.0558828	1.2478160
gama	0.3902032	0.2495511
sigma	0.6271571	1.3440966
lambda	0.0894608	2.4978755
alpha1	0.7492120	NA
alpha2	1.0150489	NA
alpha3	2.0726659	NA

, , 31

	1	2
beta1	-0.78653696	-0.7763756
beta2	-0.99143475	0.9717267
beta3	-2.02667282	1.9923106
beta4	-3.02891921	2.9587190
delta	0.05848709	1.3087994
gama	0.38160655	0.2533388
sigma	0.62050567	1.4022463
lambda	0.09467866	2.6002929
alpha1	0.68711294	NA
alpha2	0.90779519	NA
alpha3	1.67418958	NA

, , 32

	1	2
beta1	-0.84183075	-1.0150432
beta2	-1.02634080	1.0383879
beta3	-2.03486901	1.9888989

beta4	-2.95653721	2.9841746
delta	0.05191886	1.2560309
gama	0.35523037	0.1417193
sigma	0.59826912	1.3112333
lambda	0.08711042	3.3364589
alpha1	0.75224352	NA
alpha2	0.94082008	NA
alpha3	2.20282728	NA

, , 33

	1	2
beta1	-0.62036986	-1.0912559
beta2	-1.01092016	1.0679224
beta3	-1.98714531	2.0361924
beta4	-3.05667936	2.9701521
delta	0.04974788	1.2651497
gama	0.36165346	0.1837829
sigma	0.60343045	1.3358094
lambda	0.08272338	2.9511372
alpha1	0.54890914	NA
alpha2	0.99322034	NA
alpha3	1.95406303	NA

, , 34

	1	2
beta1	-0.77960793	-0.9341472
beta2	-1.01808596	0.9763763
beta3	-2.00433148	2.0024391
beta4	-2.99635198	3.0123837
delta	0.06418503	1.3129124
gama	0.36791833	0.2065423
sigma	0.60994922	1.3893456
lambda	0.10581763	2.8888913
alpha1	0.83214455	NA
alpha2	1.03494039	NA
alpha3	1.95972923	NA

, , 35

	1	2
beta1	-0.77380706	-0.8118785

beta2	-1.02761346	1.0345103
beta3	-2.04608087	2.0072358
beta4	-3.02005775	2.9008975
delta	0.06871948	1.2503273
gama	0.36639713	0.1809063
sigma	0.60919578	1.3206910
lambda	0.11352821	2.9396585
alpha1	0.75518289	NA
alpha2	0.93028036	NA
alpha3	1.86880694	NA

, , 36

	1	2
beta1	-0.87846881	-0.9474379
beta2	-0.99396953	0.9681529
beta3	-1.98485887	1.9339694
beta4	-2.99522001	2.9643442
delta	0.06091439	1.4814662
gama	0.37533694	0.1297069
sigma	0.61566834	1.5246143
lambda	0.09942812	4.1134883
alpha1	0.60510491	NA
alpha2	0.90884561	NA
alpha3	1.67657874	NA

, , 37

	1	2
beta1	-0.65061685	-0.7642550
beta2	-1.03176024	0.9685642
beta3	-1.99733731	1.9823521
beta4	-3.00951398	2.9494505
delta	0.05264875	1.3261123
gama	0.35371002	0.1995897
sigma	0.59706106	1.3993440
lambda	0.08852469	2.9683238
alpha1	0.81320769	NA
alpha2	1.09162562	NA
alpha3	2.02786998	NA

, , 38

	1	2
beta1	-0.74918732	-0.9719221
beta2	-1.00259301	0.9988080
beta3	-2.04098692	2.0313982
beta4	-3.02626259	3.0088799
delta	0.06625797	1.2724390
gama	0.33690564	0.2056486
sigma	0.58420524	1.3508329
lambda	0.11415212	2.8059123
alpha1	0.74303069	NA
alpha2	1.07427543	NA
alpha3	2.06858903	NA

, , 39

	1	2
beta1	-0.82532647	-0.9760942
beta2	-1.02188736	0.9748719
beta3	-1.99895398	2.0158641
beta4	-2.97563696	3.0233734
delta	0.04402189	1.3756870
gama	0.37574918	0.2002313
sigma	0.61456253	1.4466326
lambda	0.07181574	3.0743527
alpha1	0.63922627	NA
alpha2	1.12393934	NA
alpha3	1.95537156	NA

, , 40

	1	2
beta1	-0.96291131	-0.9172074
beta2	-0.97524651	0.9505426
beta3	-1.97504784	2.0006510
beta4	-2.96594294	2.9841537
delta	0.06792727	1.3897002
gama	0.35515036	0.1747031
sigma	0.59980370	1.4511959
lambda	0.11398247	3.3248402
alpha1	0.80752573	NA
alpha2	1.03210709	NA
alpha3	2.18408695	NA

, , 41

	1	2
beta1	-0.91563910	-0.8449014
beta2	-0.98687430	0.9920337
beta3	-1.97591192	1.9966043
beta4	-2.97366503	2.9831647
delta	0.05428054	1.2272548
gama	0.35553819	0.2371751
sigma	0.59873581	1.3203520
lambda	0.09103346	2.5199980
alpha1	0.71523335	NA
alpha2	1.03897939	NA
alpha3	2.08341229	NA

, , 42

	1	2
beta1	-0.92349778	-1.1878902
beta2	-0.99239256	1.0140209
beta3	-1.99974622	2.0073126
beta4	-2.97603775	3.0576429
delta	0.05505145	1.2514073
gama	0.41026649	0.2174452
sigma	0.64288191	1.3354645
lambda	0.08594799	2.6836368
alpha1	0.57223104	NA
alpha2	0.88753289	NA
alpha3	1.68480213	NA

, , 43

	1	2
beta1	-0.56309624	-0.7245119
beta2	-1.04618319	0.9792204
beta3	-2.02105639	2.0112181
beta4	-3.03653531	2.9419198
delta	0.05387384	1.2048591
gama	0.36776927	0.2791122
sigma	0.60882811	1.3155978
lambda	0.08883624	2.2805883
alpha1	0.80434907	NA
alpha2	1.22518085	NA

alpha3 2.05234358 NA

, , 44

	1	2
beta1	-0.93341107	-0.9257061
beta2	-1.00031683	1.0516569
beta3	-1.99880121	1.9876450
beta4	-2.94015115	2.9317039
delta	0.05393579	1.1783090
gama	0.35000144	0.2061672
sigma	0.59406272	1.2627666
lambda	0.09116793	2.5950720
alpha1	0.68630284	NA
alpha2	0.83200300	NA
alpha3	1.86205938	NA

, , 45

	1	2
beta1	-0.83348271	-0.9957577
beta2	-0.97393632	1.0210708
beta3	-1.99320787	2.0443083
beta4	-3.03138099	2.9913575
delta	0.04343969	1.2623934
gama	0.38265147	0.2031562
sigma	0.62011167	1.3404452
lambda	0.07022392	2.8007842
alpha1	0.73843944	NA
alpha2	0.96750501	NA
alpha3	1.77912564	NA

, , 46

	1	2
beta1	-0.57951742	-1.1402645
beta2	-1.04386246	0.9426447
beta3	-2.04388721	2.0159698
beta4	-3.04914910	3.0513083
delta	0.04476148	1.4772909
gama	0.37823618	0.1336260
sigma	0.61663585	1.5218457
lambda	0.07278183	4.0412941

alpha1	0.74831716	NA
alpha2	0.98418948	NA
alpha3	2.06884992	NA

, , 47

	1	2
beta1	-0.70952253	-1.1608609
beta2	-1.04370772	0.9934835
beta3	-1.97707593	2.0387905
beta4	-2.97777501	3.0855968
delta	0.05153753	1.4049592
gama	0.35961674	0.2359018
sigma	0.60189107	1.4865437
lambda	0.08594164	2.8926649
alpha1	0.67078230	NA
alpha2	1.07032863	NA
alpha3	2.04119078	NA

, , 48

	1	2
beta1	-0.84762407	-1.191549
beta2	-1.00026931	1.018711
beta3	-2.00123995	2.018366
beta4	-2.99607968	3.105760
delta	0.05656482	1.159866
gama	0.40347743	0.247318
sigma	0.63771232	1.261985
lambda	0.08905059	2.332276
alpha1	0.75488805	NA
alpha2	1.06494836	NA
alpha3	1.98127876	NA

, , 49

	1	2
beta1	-0.81113604	-1.0313694
beta2	-1.01527996	1.0191214
beta3	-2.02787041	2.0115772
beta4	-3.00087503	3.0252577
delta	0.05795471	1.2105174
gama	0.38500157	0.2697214

sigma	0.62318562	1.3172219
lambda	0.09340229	2.3308447
alpha1	0.61965336	NA
alpha2	0.92385601	NA
alpha3	1.93473087	NA

, , 50

	1	2
beta1	-0.63033038	-0.7658353
beta2	-0.99502208	0.9660569
beta3	-2.01453690	1.9994905
beta4	-3.07525485	3.0263689
delta	0.05393128	1.0794720
gama	0.37640221	0.3625643
sigma	0.61588213	1.2360518
lambda	0.08790521	1.7927463
alpha1	0.54604847	NA
alpha2	0.79599001	NA
alpha3	2.00230979	NA

, , 51

	1	2
beta1	-0.78415247	-1.0994409
beta2	-1.00699074	0.9625506
beta3	-2.00097072	1.9242830
beta4	-3.01271233	3.0560357
delta	0.05831147	1.3907113
gama	0.39313341	0.2364644
sigma	0.62970917	1.4732761
lambda	0.09300023	2.8599214
alpha1	0.80114947	NA
alpha2	1.10968442	NA
alpha3	2.15929968	NA

, , 52

	1	2
beta1	-0.87702245	-0.9595493
beta2	-0.97678533	0.9893186
beta3	-2.00525531	1.9578281
beta4	-3.00224975	3.0180843

delta	0.06119419	1.2843553
gama	0.34888029	0.2327072
sigma	0.59382238	1.3719605
lambda	0.10360292	2.6624429
alpha1	0.74896795	NA
alpha2	1.06040229	NA
alpha3	1.95396651	NA

, , 53

	1	2
beta1	-0.86367673	-0.7361529
beta2	-1.00009806	0.9543038
beta3	-2.00958146	2.0235413
beta4	-2.98394437	2.9874705
delta	0.06017103	1.3581138
gama	0.35544358	0.1937686
sigma	0.59921960	1.4276700
lambda	0.10092578	3.0852793
alpha1	0.66828917	NA
alpha2	0.98639577	NA
alpha3	1.74501631	NA

, , 54

	1	2
beta1	-0.82637029	-0.7773107
beta2	-0.98425177	0.9757899
beta3	-1.98825708	2.0003475
beta4	-3.02867136	2.9596093
delta	0.05698202	1.2505607
gama	0.34265433	0.1484563
sigma	0.58813373	1.3085711
lambda	0.09734413	3.2456780
alpha1	0.74804701	NA
alpha2	1.06961405	NA
alpha3	1.74286046	NA

, , 55

	1	2
beta1	-0.58416523	-1.1427114
beta2	-1.02272652	0.9919424

beta3	-1.98808878	2.0110268
beta4	-3.08640885	3.0544668
delta	0.04891330	1.3202384
gama	0.40700207	0.1591629
sigma	0.63983950	1.3791999
lambda	0.07667056	3.3092644
alpha1	0.61340378	NA
alpha2	0.98114582	NA
alpha3	1.81991338	NA

, , 56

	1	2
beta1	-0.85622520	-0.8948071
beta2	-1.01696010	0.9842628
beta3	-1.97116167	2.0461362
beta4	-2.98134930	2.9914854
delta	0.04397538	1.2870832
gama	0.38143001	0.2044642
sigma	0.61916383	1.3642021
lambda	0.07120364	2.8464134
alpha1	0.81764546	NA
alpha2	1.03940717	NA
alpha3	1.96670006	NA

, , 57

	1	2
beta1	-0.96815344	-0.9092881
beta2	-0.98349686	1.0054259
beta3	-1.99566541	2.0065109
beta4	-2.96072730	2.9462826
delta	0.06022780	1.3789752
gama	0.39182428	0.2083837
sigma	0.62884948	1.4525689
lambda	0.09621689	3.0208178
alpha1	0.77319221	NA
alpha2	1.01639449	NA
alpha3	2.13198591	NA

, , 58

	1	2
--	---	---

beta1	-0.86303547	-0.9634265
beta2	-0.99217199	1.0293288
beta3	-2.00668012	1.9741677
beta4	-3.00651360	2.9350771
delta	0.06023249	1.4102564
gama	0.44077397	0.1813313
sigma	0.66663477	1.4731444
lambda	0.09072414	3.3117818
alpha1	0.67810125	NA
alpha2	1.08115865	NA
alpha3	2.03379573	NA

, , 59

	1	2
beta1	-0.92507816	-1.2513060
beta2	-0.99583912	1.0527774
beta3	-2.01566593	2.0296727
beta4	-2.95748077	3.0485815
delta	0.05739973	1.2275663
gama	0.34985659	0.2421795
sigma	0.59426536	1.3225349
lambda	0.09704314	2.4944583
alpha1	0.72258036	NA
alpha2	0.97671065	NA
alpha3	2.02808401	NA

, , 60

	1	2
beta1	-0.67106150	-1.092065
beta2	-1.01170478	1.047633
beta3	-1.99101114	2.036820
beta4	-3.05299075	2.975704
delta	0.06440317	1.389807
gama	0.40149390	0.171924
sigma	0.63690005	1.450341
lambda	0.10164073	3.351864
alpha1	0.76179903	NA
alpha2	1.12615300	NA
alpha3	2.05742155	NA

, , 61

	1	2
beta1	-0.65578948	-0.9230967
beta2	-1.03987017	0.9975859
beta3	-1.99494078	2.0078462
beta4	-3.02312521	2.9643547
delta	0.05006897	1.3773092
gama	0.36797117	0.1741882
sigma	0.60866910	1.4391556
lambda	0.08253949	3.3000620
alpha1	0.60775197	NA
alpha2	0.94801285	NA
alpha3	1.83956300	NA

, , 62

	1	2
beta1	-0.82883815	-1.0259378
beta2	-1.02892596	1.0060767
beta3	-1.96698805	1.9984063
beta4	-2.98212777	3.0016977
delta	0.06761973	1.2760800
gama	0.38984592	0.2537304
sigma	0.62802734	1.3719004
lambda	0.10829963	2.5333295
alpha1	0.68968174	NA
alpha2	1.05192989	NA
alpha3	1.83519182	NA

, , 63

	1	2
beta1	-0.88162070	-0.8360113
beta2	-1.01093181	1.0001203
beta3	-1.99720372	2.0021365
beta4	-2.95465403	2.9929684
delta	0.04829234	1.0873588
gama	0.35700957	0.2622655
sigma	0.59945118	1.2019212
lambda	0.08082362	2.1232554
alpha1	0.86066584	NA
alpha2	1.07869483	NA
alpha3	1.85918968	NA

, , 64

	1	2
beta1	-0.91031013	-0.8926283
beta2	-1.00156652	0.9607280
beta3	-1.97464991	1.9618157
beta4	-2.97801706	3.0022901
delta	0.06013542	1.2651392
gama	0.36853309	0.2157962
sigma	0.61004046	1.3477290
lambda	0.09905858	2.7234314
alpha1	0.57184242	NA
alpha2	1.01283876	NA
alpha3	1.97442597	NA

, , 65

	1	2
beta1	-0.79536195	-1.2588556
beta2	-0.97644904	1.0803879
beta3	-1.97078896	2.0154930
beta4	-3.02417924	3.0633501
delta	0.03859382	1.2039788
gama	0.36967583	0.2295793
sigma	0.60923338	1.2958180
lambda	0.06347567	2.5127684
alpha1	0.77936600	NA
alpha2	1.04373740	NA
alpha3	2.13681306	NA

, , 66

	1	2
beta1	-0.73162070	-1.1568173
beta2	-1.01058503	1.0530250
beta3	-2.01594334	1.9611734
beta4	-3.03101632	3.0157787
delta	0.06758938	1.3399928
gama	0.39595006	0.2302821
sigma	0.63286522	1.4233281
lambda	0.10741335	2.7923663
alpha1	0.62871221	NA

alpha2	1.05635131	NA
alpha3	1.82433854	NA

, , 67

	1	2
beta1	-0.77732445	-1.2896347
beta2	-0.98829404	1.0483329
beta3	-1.99928486	1.9822100
beta4	-3.00927477	3.0168835
delta	0.05805613	1.4093368
gama	0.32477537	0.1500558
sigma	0.57284019	1.4616039
lambda	0.10187241	3.6382150
alpha1	0.72133651	NA
alpha2	0.96228517	NA
alpha3	1.93882387	NA

, , 68

	1	2
beta1	-0.89475868	-0.6619024
beta2	-0.99315959	0.9422655
beta3	-1.93963669	1.9879618
beta4	-2.99498522	3.0187314
delta	0.04828344	1.0127133
gama	0.41031935	0.3392907
sigma	0.64237889	1.1682803
lambda	0.07537672	1.7386034
alpha1	0.62992479	NA
alpha2	1.02351547	NA
alpha3	1.98581665	NA

, , 69

	1	2
beta1	-0.65775766	-1.1467558
beta2	-0.97786728	1.0335975
beta3	-1.98731472	2.0630863
beta4	-3.07721324	3.0083283
delta	0.06087718	1.3913391
gama	0.30897034	0.1512537
sigma	0.55917472	1.4446724

lambda	0.10952067	3.5775031
alpha1	0.58031309	NA
alpha2	0.97039534	NA
alpha3	2.03335373	NA

, , 70

	1	2
beta1	0.13999755	-0.9201549
beta2	-1.04298653	1.0133353
beta3	-2.00328637	1.9928799
beta4	-3.00483000	2.9770669
delta	-1.03653937	1.3625014
gama	0.04574653	0.2045354
sigma	1.05837630	1.4355994
lambda	-4.84626012	3.0126783
alpha1	0.85482862	NA
alpha2	1.17290327	NA
alpha3	2.01566390	NA

, , 71

	1	2
beta1	-0.64434506	-0.6784011
beta2	-1.03265340	0.9393952
beta3	-1.99912091	1.9597843
beta4	-3.03081448	3.0179272
delta	0.06037668	1.1921826
gama	0.33735666	0.1862147
sigma	0.58395377	1.2678777
lambda	0.10395003	2.7627129
alpha1	0.73618982	NA
alpha2	1.13452835	NA
alpha3	2.35979641	NA

, , 72

	1	2
beta1	-0.84406058	-0.9382570
beta2	-0.98688971	0.9780231
beta3	-1.99755851	1.9993103
beta4	-3.03024749	3.0230610
delta	0.05918649	1.3645174

gama	0.41131497	0.2574950
sigma	0.64406367	1.4558169
lambda	0.09228590	2.6890239
alpha1	0.96861922	NA
alpha2	1.11631573	NA
alpha3	1.87663429	NA

, , 73

	1	2
beta1	-0.73451246	-0.9824719
beta2	-1.04705402	1.0119884
beta3	-1.98717872	2.0224424
beta4	-2.99322066	3.0102823
delta	0.05445796	1.2912601
gama	0.36643495	0.2281577
sigma	0.60778336	1.3767754
lambda	0.08996279	2.7033119
alpha1	0.85576303	NA
alpha2	1.01944277	NA
alpha3	2.00129609	NA

, , 74

	1	2
beta1	-0.91263720	-0.8789793
beta2	-0.97139729	0.9426565
beta3	-1.99891672	1.9662995
beta4	-2.98582889	3.0515653
delta	0.05059054	1.2068186
gama	0.32284260	0.2314305
sigma	0.57044018	1.2991696
lambda	0.08903769	2.5086014
alpha1	0.78552772	NA
alpha2	1.03936323	NA
alpha3	2.08140150	NA

, , 75

	1	2
beta1	-0.95482010	-1.1410471
beta2	-0.96723104	0.9857520
beta3	-1.95031935	2.0015649

beta4	-2.99062835	3.0605794
delta	0.06200169	1.4604655
gama	0.37982067	0.1446675
sigma	0.61940688	1.5091809
lambda	0.10060377	3.8397750
alpha1	0.64465171	NA
alpha2	0.96138706	NA
alpha3	1.92304471	NA

, , 76

	1	2
beta1	-0.80016494	-1.0592380
beta2	-1.01162715	1.0373935
beta3	-1.98355014	2.0304251
beta4	-3.00139775	2.9646574
delta	0.04261026	1.3617047
gama	0.36907931	0.2036409
sigma	0.60901145	1.4345315
lambda	0.07013816	3.0175218
alpha1	0.59691675	NA
alpha2	1.05399337	NA
alpha3	1.98232850	NA

, , 77

	1	2
beta1	-0.86929008	-1.0920404
beta2	-0.97847751	0.9866862
beta3	-2.01452819	1.9474045
beta4	-2.99837439	3.0209369
delta	0.05248186	1.4846137
gama	0.35700895	0.1362550
sigma	0.59980272	1.5298147
lambda	0.08783541	4.0219547
alpha1	0.56583259	NA
alpha2	1.00696498	NA
alpha3	2.19493291	NA

, , 78

	1	2
beta1	-0.79554582	-0.8730488

beta2	-1.01648864	1.0068114
beta3	-1.98807568	1.9214930
beta4	-2.98889147	2.9568381
delta	0.04833025	1.2440456
gama	0.37294876	0.2477283
sigma	0.61260475	1.3399170
lambda	0.07913970	2.4994732
alpha1	0.54785464	NA
alpha2	1.02811151	NA
alpha3	1.86911472	NA

, , 79

	1	2
beta1	-0.83675719	-0.7694920
beta2	-1.00094234	0.9711782
beta3	-2.01576218	1.9909605
beta4	-2.99293788	2.9498145
delta	0.05198141	1.3818107
gama	0.35160813	0.1789931
sigma	0.59523962	1.4451276
lambda	0.08766346	3.2661066
alpha1	0.52031405	NA
alpha2	1.04717691	NA
alpha3	1.94196919	NA

, , 80

	1	2
beta1	-0.66952190	-0.9730943
beta2	-1.01166050	0.9940103
beta3	-2.00683356	2.0268562
beta4	-3.03596908	3.0060019
delta	0.06423103	1.3167171
gama	0.34343552	0.1870311
sigma	0.58954317	1.3859202
lambda	0.10960295	3.0446373
alpha1	0.75876786	NA
alpha2	1.24790458	NA
alpha3	2.24907599	NA

, , 81

	1	2
beta1	-0.80335653	-0.8873556
beta2	-1.01541569	1.0016863
beta3	-2.00695197	1.9607583
beta4	-2.98322507	2.9770485
delta	0.04989996	1.2646964
gama	0.37677830	0.2283107
sigma	0.61584763	1.3519496
lambda	0.08129376	2.6468126
alpha1	0.59984020	NA
alpha2	0.87315019	NA
alpha3	1.97286643	NA

, , 82

	1	2
beta1	-0.72105497	-0.7133351
beta2	-1.01294773	0.9876133
beta3	-1.95634984	1.9778094
beta4	-3.01896600	2.9352729
delta	0.03431760	1.2925671
gama	0.39474497	0.2650391
sigma	0.62922386	1.3913190
lambda	0.05462087	2.5107192
alpha1	0.64916505	NA
alpha2	0.93832947	NA
alpha3	2.03938572	NA

, , 83

	1	2
beta1	-0.976216944	-0.9069674
beta2	-0.969720943	0.9947469
beta3	-1.995648137	2.0324932
beta4	-2.956255768	2.9725383
delta	0.007055809	1.3261737
gama	0.373708277	0.2230949
sigma	0.611357556	1.4077754
lambda	0.011541984	2.8077314
alpha1	0.753453315	NA
alpha2	1.105452326	NA
alpha3	2.087644116	NA

, , 84

	1	2
beta1	-0.99039891	-0.8674579
beta2	-0.99141755	0.9699724
beta3	-1.95188543	1.9593087
beta4	-2.94266485	2.9508574
delta	0.05449505	1.4080814
gama	0.35271347	0.1848887
sigma	0.59639180	1.4722711
lambda	0.09175844	3.2747079
alpha1	0.73000916	NA
alpha2	0.87874736	NA
alpha3	2.03170163	NA

, , 85

	1	2
beta1	-0.81593874	-1.1639520
beta2	-1.01002173	1.0477165
beta3	-1.98700232	2.0045604
beta4	-2.98608382	3.0221872
delta	0.05511862	1.3173911
gama	0.37107853	0.1767394
sigma	0.61165071	1.3828444
lambda	0.09048267	3.1336325
alpha1	0.77273660	NA
alpha2	1.12058341	NA
alpha3	2.01368262	NA

, , 86

	1	2
beta1	-0.8662661	-0.7608762
beta2	-0.9706373	0.9476287
beta3	-1.9811376	1.9250060
beta4	-3.0053930	2.9845204
delta	0.0556686	1.3273139
gama	0.2871448	0.2180039
sigma	0.5387428	1.4070416
lambda	0.1038867	2.8427684
alpha1	0.7888958	NA
alpha2	0.9849668	NA

alpha3 2.1352835 NA

, , 87

	1	2
beta1	-0.80475937	-1.1349595
beta2	-1.02367199	0.9893263
beta3	-2.00436163	2.1265328
beta4	-2.99659211	3.0395574
delta	0.05600707	1.5083844
gama	0.37426559	0.1471490
sigma	0.61433084	1.5563973
lambda	0.09154885	3.9321802
alpha1	0.70994078	NA
alpha2	1.10740762	NA
alpha3	1.99140983	NA

, , 88

	1	2
beta1	-0.70993036	-0.9385954
beta2	-0.98261626	0.9395212
beta3	-1.98875240	2.0177387
beta4	-3.04613442	3.0411807
delta	0.05468166	1.3641118
gama	0.34149226	0.1889945
sigma	0.58692619	1.4317107
lambda	0.09357315	3.1378008
alpha1	0.83394876	NA
alpha2	1.16286751	NA
alpha3	2.14265643	NA

, , 89

	1	2
beta1	-0.84356070	-1.1649459
beta2	-1.01174717	1.0092736
beta3	-2.01607679	2.0240656
beta4	-2.98561638	3.0447921
delta	0.05315261	1.4733162
gama	0.36922314	0.1948888
sigma	0.60995766	1.5380343
lambda	0.08747424	3.3373559

alpha1	0.76653339	NA
alpha2	0.91703817	NA
alpha3	1.89693919	NA

, , 90

	1	2
beta1	0.13818437	-0.8668644
beta2	-1.00787263	1.0133910
beta3	-2.00221037	2.0097577
beta4	-3.00649928	2.9799521
delta	-1.11323177	1.2653432
gama	0.01738483	0.1868163
sigma	1.12101285	1.3371274
lambda	-8.44306907	2.9275273
alpha1	0.65756132	NA
alpha2	1.02657206	NA
alpha3	2.23368554	NA

, , 91

	1	2
beta1	-0.75579637	-1.0694320
beta2	-0.98817351	1.0194073
beta3	-2.01597690	2.0292325
beta4	-3.03950726	3.0441067
delta	0.05647252	1.3266377
gama	0.38899251	0.2483224
sigma	0.62624409	1.4171415
lambda	0.09054544	2.6622229
alpha1	0.89876327	NA
alpha2	1.09333501	NA
alpha3	2.07029318	NA

, , 92

	1	2
beta1	-0.91733366	-1.255030
beta2	-1.00339566	1.033899
beta3	-2.02142429	1.993362
beta4	-2.96103605	3.057996
delta	0.05794192	1.361868
gama	0.36839885	0.201156

sigma	0.60971806	1.433820
lambda	0.09546270	3.036466
alpha1	0.68443983	NA
alpha2	0.99279766	NA
alpha3	1.89495668	NA

, , 93

	1	2
beta1	-0.74799699	-0.9078726
beta2	-1.02574532	1.0059648
beta3	-2.04715806	2.0334672
beta4	-3.02774431	2.9804989
delta	0.06323749	1.2458641
gama	0.37455401	0.2257067
sigma	0.61526660	1.3333732
lambda	0.10332785	2.6223968
alpha1	0.77038849	NA
alpha2	1.01270752	NA
alpha3	1.82035225	NA

, , 94

	1	2
beta1	-0.88983196	-1.1726683
beta2	-0.97909944	1.0050582
beta3	-2.05042187	1.9431687
beta4	-2.99130291	3.0928596
delta	0.05372682	1.3213515
gama	0.34552426	0.2265087
sigma	0.59026336	1.4044495
lambda	0.09140120	2.7763608
alpha1	0.69232186	NA
alpha2	1.07287622	NA
alpha3	2.28238213	NA

, , 95

	1	2
beta1	-0.78847231	-1.0330013
beta2	-1.02203328	0.9865455
beta3	-1.93936975	2.0315799
beta4	-2.98485958	3.0305240

delta	0.05562392	1.3556835
gama	0.34702681	0.1824361
sigma	0.59171009	1.4213774
lambda	0.09442349	3.1739705
alpha1	0.61019574	NA
alpha2	0.91301217	NA
alpha3	2.06881172	NA

, , 96

	1	2
beta1	-0.84255744	-0.9751501
beta2	-0.99794868	0.9603845
beta3	-2.06360320	1.9836880
beta4	-2.99275246	3.0493314
delta	0.06399345	1.2990841
gama	0.34218175	0.2576438
sigma	0.58845298	1.3947270
lambda	0.10939743	2.5593368
alpha1	0.71952216	NA
alpha2	1.07221000	NA
alpha3	1.96020388	NA

, , 97

	1	2
beta1	-0.91386307	-0.9569652
beta2	-1.00177014	0.9942265
beta3	-1.96995812	2.0170202
beta4	-2.95539416	2.9751561
delta	0.04479141	1.3152281
gama	0.34664075	0.2027269
sigma	0.59046340	1.3901625
lambda	0.07607726	2.9210927
alpha1	0.64225407	NA
alpha2	0.85759682	NA
alpha3	1.90837484	NA

, , 98

	1	2
beta1	-0.91148773	-1.1018114
beta2	-0.98065450	1.0057523

beta3	-1.98224377	1.9688000
beta4	-2.98475431	2.9922414
delta	0.05293697	1.4673018
gama	0.35206246	0.1499553
sigma	0.59570528	1.5175408
lambda	0.08921733	3.7891211
alpha1	0.60592202	NA
alpha2	0.80025549	NA
alpha3	2.04247777	NA

, , 99

	1	2
beta1	-0.77134231	-1.1198819
beta2	-1.02374837	1.0051623
beta3	-1.96617670	1.9594203
beta4	-2.98942605	3.0130576
delta	0.02598444	1.4153520
gama	0.40864680	0.1641708
sigma	0.63978277	1.4722065
lambda	0.04064800	3.4931436
alpha1	0.80438256	NA
alpha2	0.92045823	NA
alpha3	2.29068250	NA

, , 100

	1	2
beta1	-0.71781382	-0.9299355
beta2	-1.00610371	0.9513736
beta3	-2.00706008	1.9875787
beta4	-3.03109713	3.0740624
delta	0.05923992	1.1790144
gama	0.37828768	0.3052975
sigma	0.61789728	1.3020647
lambda	0.09631709	2.1338187
alpha1	0.68184997	NA
alpha2	0.89973417	NA
alpha3	1.96989579	NA

\$`n = 1000`\$`cen = 0.15`

, , 1

	1	2
beta1	-0.72339537	-1.0132617
beta2	-0.99272883	0.9949485
beta3	-2.01763099	2.0235506
beta4	-3.05200618	3.0115062
delta	0.06586598	1.4052580
gama	0.36984652	0.1859585
sigma	0.61170651	1.4699349
lambda	0.10830548	3.2587271
alpha1	0.68694293	NA
alpha2	0.96377039	NA
alpha3	1.86029181	NA

, , 2

	1	2
beta1	-0.81173635	-0.8215357
beta2	-0.99962302	0.9769966
beta3	-2.03032569	2.0035563
beta4	-3.02027469	2.9649863
delta	0.06470887	1.3940952
gama	0.41780415	0.2025254
sigma	0.64960865	1.4649324
lambda	0.10010999	3.0977949
alpha1	0.66166537	NA
alpha2	1.03183878	NA
alpha3	2.18151679	NA

, , 3

	1	2
beta1	-0.80336724	-1.0267994
beta2	-1.03920813	0.9989595
beta3	-1.92908803	2.0099987
beta4	-2.93676158	3.0131895
delta	0.06292857	1.3780467
gama	0.34327462	0.2000015
sigma	0.58926618	1.4487975
lambda	0.10740561	3.0813950
alpha1	0.67439118	NA
alpha2	1.00034297	NA
alpha3	2.05217665	NA

, , 4

	1	2
beta1	-0.87183552	-0.6973985
beta2	-1.01950050	0.9408806
beta3	-1.98019099	2.0348433
beta4	-2.98051160	2.9578674
delta	0.07103515	1.3166631
gama	0.38946202	0.1660576
sigma	0.62809873	1.3782813
lambda	0.11382581	3.2310618
alpha1	0.68022646	NA
alpha2	0.93662096	NA
alpha3	2.02534059	NA

, , 5

	1	2
beta1	-0.74944932	-1.0147385
beta2	-1.01950312	0.9855248
beta3	-2.01715447	1.9856039
beta4	-2.99527339	3.0382060
delta	0.06439416	1.3058509
gama	0.37809617	0.2216352
sigma	0.61825786	1.3881217
lambda	0.10472378	2.7737940
alpha1	0.59203628	NA
alpha2	0.97670448	NA
alpha3	2.18823388	NA

, , 6

	1	2
beta1	-0.79805958	-0.9677816
beta2	-1.03008486	1.0207613
beta3	-2.00818463	1.9710008
beta4	-2.98790730	3.0063320
delta	0.06585396	1.2283745
gama	0.35402936	0.2337899
sigma	0.59863687	1.3201113
lambda	0.11067825	2.5404924
alpha1	0.69159445	NA

alpha2	1.04966572	NA
alpha3	1.93181854	NA

, , 7

	1	2
beta1	-0.82667986	-1.0624398
beta2	-1.02623165	1.0349674
beta3	-1.97610133	1.9387270
beta4	-2.96683772	2.9693551
delta	0.05630238	1.3471372
gama	0.37654432	0.1359492
sigma	0.61620961	1.3966846
lambda	0.09175267	3.6536206
alpha1	0.62872295	NA
alpha2	0.86689318	NA
alpha3	2.03138302	NA

, , 8

	1	2
beta1	-0.65799991	-0.8815795
beta2	-1.00996676	0.9839391
beta3	-2.02491233	2.0248791
beta4	-3.08165173	2.9422071
delta	0.06410179	1.3904144
gama	0.35270032	0.1825025
sigma	0.59733522	1.4545634
lambda	0.10793622	3.2546912
alpha1	0.86934678	NA
alpha2	1.11315204	NA
alpha3	2.04198266	NA

, , 9

	1	2
beta1	-0.83890929	-1.0343341
beta2	-0.98261346	0.9853031
beta3	-2.00779963	1.9973179
beta4	-3.04848735	3.0112336
delta	0.06884343	1.3812032
gama	0.40796666	0.1792020
sigma	0.64242204	1.4446191

lambda	0.10778297	3.2627674
alpha1	0.60477711	NA
alpha2	0.93727063	NA
alpha3	1.72789399	NA

, , 10

	1	2
beta1	-0.9217220	-1.03556715
beta2	0.9767003	-0.97253972
beta3	2.0322634	-1.97946158
beta4	3.0075184	-2.94265603
delta	1.3179607	0.06446728
gama	0.1658304	0.31421868
sigma	1.3794386	0.56424703
lambda	3.2364616	0.11500675
alpha1	-0.5275574	NA
alpha2	-0.8788541	NA
alpha3	-2.2390432	NA

, , 11

	1	2
beta1	-0.74041219	-0.9945343
beta2	-1.02536240	0.9813076
beta3	-2.09483238	1.9926091
beta4	-3.03633485	3.0263273
delta	0.06560585	1.3518980
gama	0.37135464	0.1711936
sigma	0.61291008	1.4137970
lambda	0.10765846	3.2673838
alpha1	0.67491552	NA
alpha2	0.97954349	NA
alpha3	1.82592257	NA

, , 12

	1	2
beta1	-1.02805854	-0.9826701
beta2	-0.97623300	1.0298087
beta3	-2.02164939	1.9867203
beta4	-2.96083841	2.9658828
delta	0.06892491	1.2463331

gama	0.33166989	0.2005462
sigma	0.58001770	1.3243460
lambda	0.11968044	2.7830875
alpha1	0.64332852	NA
alpha2	0.97795562	NA
alpha3	2.25140276	NA

, , 13

	1	2
beta1	-0.75233488	-0.5728201
beta2	-1.00402968	0.9815761
beta3	-2.00339695	1.9809708
beta4	-3.02621046	2.9482935
delta	0.05342041	1.1127683
gama	0.35172525	0.3877146
sigma	0.59546536	1.2751344
lambda	0.09007524	1.7870991
alpha1	0.75615397	NA
alpha2	0.97842747	NA
alpha3	1.99273314	NA

, , 14

	1	2
beta1	-0.55692273	-0.9452662
beta2	-1.04017930	0.9919857
beta3	-1.98699072	2.0361535
beta4	-3.07486645	2.9915061
delta	0.06850613	1.3176904
gama	0.38275846	0.1916820
sigma	0.62245606	1.3885208
lambda	0.11073044	3.0096962
alpha1	0.58099572	NA
alpha2	1.01399229	NA
alpha3	2.13599776	NA

, , 15

	1	2
beta1	-0.8447932	-0.9677372
beta2	-1.0037462	1.0123770
beta3	-1.9832860	2.0408146

beta4	-2.9849073	2.9943623
delta	0.0694018	1.2508893
gama	0.3569888	0.1893057
sigma	0.6015026	1.3243979
lambda	0.1161565	2.8749950
alpha1	0.7512734	NA
alpha2	1.0462158	NA
alpha3	1.7588893	NA

, , 16

	1	2
beta1	-1.05311466	-0.9885944
beta2	-0.99172332	1.0300699
beta3	-2.04491881	1.9487634
beta4	-2.92163594	2.9869624
delta	0.05490443	1.2543598
gama	0.33694888	0.2475439
sigma	0.58306378	1.3494304
lambda	0.09458567	2.5211346
alpha1	0.62234575	NA
alpha2	0.80795272	NA
alpha3	1.95395637	NA

, , 17

	1	2
beta1	-0.73938280	-1.0761016
beta2	-1.03550652	1.0019787
beta3	-2.01647505	2.0000509
beta4	-3.00306228	3.0295380
delta	0.06527137	1.2838664
gama	0.35557138	0.2582417
sigma	0.59985976	1.3807804
lambda	0.10946098	2.5264265
alpha1	0.58669244	NA
alpha2	0.88243005	NA
alpha3	1.66387560	NA

, , 18

	1	2
beta1	-0.79761824	-0.7646525

beta2	-0.98588666	0.9597183
beta3	-2.01105846	1.9892738
beta4	-3.02994275	2.9630857
delta	0.06203959	1.3280616
gama	0.36417283	0.2196318
sigma	0.60664796	1.4083250
lambda	0.10280521	2.8338089
alpha1	0.80814530	NA
alpha2	1.11634300	NA
alpha3	2.10640205	NA

, , 19

	1	2
beta1	-0.72438684	-1.0144121
beta2	-1.01370335	1.0386130
beta3	-2.05508754	2.0148595
beta4	-3.04141555	2.9658042
delta	0.06092852	1.3550281
gama	0.39506922	0.1781562
sigma	0.63149149	1.4192454
lambda	0.09693576	3.2103162
alpha1	0.58595253	NA
alpha2	1.07168361	NA
alpha3	1.91183794	NA

, , 20

	1	2
beta1	-1.14943010	-0.8587276
beta2	-0.97448169	1.0037459
beta3	-1.94245373	2.0130690
beta4	-2.89917782	2.9950180
delta	0.05988344	1.2106557
gama	0.37809504	0.2922155
sigma	0.61780342	1.3258592
lambda	0.09738819	2.2395928
alpha1	0.68653643	NA
alpha2	0.97888689	NA
alpha3	2.03392195	NA

, , 21

	1	2
beta1	-0.80644310	-1.0213407
beta2	-0.98661746	1.0279956
beta3	-2.01329636	2.0203130
beta4	-3.04457409	2.9775627
delta	0.06440898	1.3044584
gama	0.36868117	0.2234381
sigma	0.61059781	1.3874617
lambda	0.10607693	2.7596348
alpha1	0.59896224	NA
alpha2	0.95239488	NA
alpha3	1.74538614	NA

, , 22

	1	2
beta1	-0.69097579	-0.8204832
beta2	-1.03751249	0.9428213
beta3	-2.08071186	2.0149342
beta4	-3.03420850	3.0287024
delta	0.06753621	1.2652537
gama	0.35641340	0.2570743
sigma	0.60081157	1.3630631
lambda	0.11312528	2.4954466
alpha1	0.55990168	NA
alpha2	0.99510315	NA
alpha3	1.77048168	NA

, , 23

	1	2
beta1	-0.75407528	-1.1612015
beta2	-1.05347592	1.0579713
beta3	-2.02273136	1.9462770
beta4	-2.97631159	3.0074848
delta	0.06621287	1.3486401
gama	0.38915946	0.1722212
sigma	0.62733054	1.4110462
lambda	0.10613989	3.2497714
alpha1	0.68573502	NA
alpha2	1.03120661	NA
alpha3	2.18502925	NA

, , 24

	1	2
beta1	-0.68666713	-1.0482452
beta2	-1.00473989	1.0491065
beta3	-2.00105565	1.9593002
beta4	-3.03967545	2.9422630
delta	0.06031793	1.3946039
gama	0.32603685	0.1540424
sigma	0.57417341	1.4487796
lambda	0.10563628	3.5532910
alpha1	0.60359007	NA
alpha2	0.92441863	NA
alpha3	2.10930516	NA

, , 25

	1	2
beta1	-0.83580652	-0.9682986
beta2	-1.03822243	0.9752631
beta3	-1.96066681	1.9849748
beta4	-2.95177515	2.9924242
delta	0.05219326	1.4458209
gama	0.39929543	0.1656795
sigma	0.63405013	1.5020245
lambda	0.08259757	3.5520584
alpha1	0.69493793	NA
alpha2	0.96914075	NA
alpha3	1.98049246	NA

, , 26

	1	2
beta1	-1.1082717	-0.9049935
beta2	1.0078834	-0.9767399
beta3	1.9902439	-2.0483069
beta4	3.0446651	-3.0393711
delta	1.3331756	0.0743481
gama	0.2749241	0.4080343
sigma	1.4325785	0.6430878
lambda	2.5426171	0.1163916
alpha1	-0.5027783	NA
alpha2	-1.0444410	NA

alpha3 -2.1831754 NA

, , 27

	1	2
beta1	-1.05595401	-1.0487980
beta2	-0.98090557	1.0163145
beta3	-1.96706399	1.9622685
beta4	-2.91477269	2.9695381
delta	0.06416574	1.3726897
gama	0.35766327	0.1492469
sigma	0.60148193	1.4260168
lambda	0.10729168	3.5532010
alpha1	0.72807147	NA
alpha2	1.13353267	NA
alpha3	2.47072229	NA

, , 28

	1	2
beta1	-0.89466900	-1.0461620
beta2	-0.97646755	1.0139606
beta3	-1.97625799	1.9957540
beta4	-2.99640258	3.0196470
delta	0.05724955	1.2701623
gama	0.35723430	0.2067958
sigma	0.60042635	1.3491138
lambda	0.09578456	2.7931121
alpha1	0.67854620	NA
alpha2	0.98913036	NA
alpha3	2.07871296	NA

, , 29

	1	2
beta1	-0.76001618	-1.0328785
beta2	-0.99027449	1.0193160
beta3	-2.02231613	2.0413965
beta4	-3.03556728	3.0047185
delta	0.05041923	1.3150446
gama	0.37062955	0.2176834
sigma	0.61087777	1.3953586
lambda	0.08281827	2.8185639

alpha1	0.71108547	NA
alpha2	1.07788789	NA
alpha3	2.28826515	NA

, , 30

	1	2
beta1	-0.87499142	-1.0012076
beta2	-0.99473062	1.0154180
beta3	-1.98464833	1.9904142
beta4	-3.00284823	2.9767847
delta	0.06622526	1.3899182
gama	0.36820006	0.1821362
sigma	0.61039810	1.4539631
lambda	0.10913944	3.2567998
alpha1	0.65849729	NA
alpha2	0.99825460	NA
alpha3	1.92472990	NA

, , 31

	1	2
beta1	-0.9532771	-0.9338600
beta2	-0.9820606	0.9667413
beta3	-2.0335155	2.0422196
beta4	-2.9927883	2.9505252
delta	0.0605214	1.4969995
gama	0.3469036	0.1143325
sigma	0.5920865	1.5347117
lambda	0.1027554	4.4272779
alpha1	0.6666733	NA
alpha2	1.0460978	NA
alpha3	1.8569334	NA

, , 32

	1	2
beta1	-0.76955229	-1.1077193
beta2	-0.98911000	1.0303217
beta3	-1.98785164	2.0215910
beta4	-3.03736956	3.0358639
delta	0.06825059	1.2380696
gama	0.37714682	0.2835564

sigma	0.61790369	1.3477287
lambda	0.11113508	2.3250125
alpha1	0.63101567	NA
alpha2	0.96969785	NA
alpha3	1.85948247	NA

, , 33

	1	2
beta1	-0.93503721	-0.8547105
beta2	-0.99949926	0.9772086
beta3	-2.02981220	1.9965626
beta4	-2.98282977	2.9523268
delta	0.06523376	1.4087708
gama	0.36759500	0.1637127
sigma	0.60979541	1.4657244
lambda	0.10759389	3.4817621
alpha1	0.68676943	NA
alpha2	0.96404369	NA
alpha3	1.96599540	NA

, , 34

	1	2
beta1	-0.76274625	-0.8541736
beta2	-1.00592507	1.0086718
beta3	-2.03042895	1.9383417
beta4	-3.01084093	2.9375514
delta	0.05945941	1.3276322
gama	0.29463609	0.1685664
sigma	0.54605083	1.3896667
lambda	0.10954123	3.2336444
alpha1	0.58974158	NA
alpha2	0.97014561	NA
alpha3	2.03324994	NA

, , 35

	1	2
beta1	-0.88662602	-0.9845657
beta2	-0.99711974	0.9814235
beta3	-2.01293106	2.0521992
beta4	-2.97913628	2.9864703

delta	0.05831691	1.4355633
gama	0.34792920	0.1602722
sigma	0.59273102	1.4903403
lambda	0.09886648	3.5858597
alpha1	0.72275737	NA
alpha2	1.05953143	NA
alpha3	1.87415646	NA

, , 36

	1	2
beta1	-0.60344668	-0.7782054
beta2	-1.04584653	0.9880201
beta3	-2.00456814	1.9666823
beta4	-3.02641699	2.9439642
delta	0.06007487	1.3350506
gama	0.37963934	0.2175080
sigma	0.61907054	1.4141670
lambda	0.09750059	2.8625963
alpha1	0.73527042	NA
alpha2	1.12363886	NA
alpha3	2.25858335	NA

, , 37

	1	2
beta1	-0.93370380	-1.3494761
beta2	-0.99628651	1.0413705
beta3	-2.00080529	1.9997580
beta4	-2.95568027	3.0631808
delta	0.05357966	1.4247064
gama	0.34296816	0.1639416
sigma	0.58808073	1.4811245
lambda	0.09148988	3.5186877
alpha1	0.60987717	NA
alpha2	0.97869464	NA
alpha3	2.08002834	NA

, , 38

	1	2
beta1	-0.88638044	-1.26603181
beta2	-1.01300055	0.99273503

beta3	-1.93699347	2.00633718
beta4	-2.94489580	3.05476681
delta	0.05499063	1.49542533
gama	0.38377359	0.08119087
sigma	0.62193051	1.52232972
lambda	0.08876692	5.24820929
alpha1	0.66510843	NA
alpha2	1.01992380	NA
alpha3	2.05808519	NA

, , 39

	1	2
beta1	-0.89088154	-1.257277
beta2	-0.99031097	1.000739
beta3	-2.01091459	2.025957
beta4	-2.99930221	3.082415
delta	0.06566566	1.356653
gama	0.35860439	0.148804
sigma	0.60242540	1.410430
lambda	0.10965553	3.516913
alpha1	0.62316987	NA
alpha2	1.00709644	NA
alpha3	1.93360330	NA

, , 40

	1	2
beta1	-1.08269881	-1.2242945
beta2	-0.96888470	1.0096540
beta3	-1.99655585	2.0036528
beta4	-2.91470642	3.0523307
delta	0.05894079	1.4287510
gama	0.33322306	0.1712003
sigma	0.58025604	1.4874575
lambda	0.10210533	3.4530617
alpha1	0.68121416	NA
alpha2	1.03008091	NA
alpha3	1.84979295	NA

, , 41

	1	2
--	---	---

beta1	-0.78507767	-0.9526469
beta2	-0.99055485	0.9708484
beta3	-2.04302784	2.0135581
beta4	-3.03662419	2.9955161
delta	0.06718981	1.5097257
gama	0.37837463	0.1718894
sigma	0.61878034	1.5656184
lambda	0.10923012	3.6414427
alpha1	0.60467613	NA
alpha2	0.98993439	NA
alpha3	2.12099763	NA

, , 42

	1	2
beta1	-0.70637959	-1.09095327
beta2	-1.03018449	1.05030152
beta3	-2.05326420	2.00054265
beta4	-2.98749911	2.92358015
delta	0.03889037	1.53527113
gama	0.35219314	0.09233075
sigma	0.59473154	1.56505214
lambda	0.06553172	5.05256489
alpha1	0.82858615	NA
alpha2	1.11434443	NA
alpha3	2.13435653	NA

, , 43

	1	2
beta1	-0.63847472	-0.9450128
beta2	-1.01049030	0.9987345
beta3	-1.95579243	1.9621795
beta4	-3.05707500	2.9620830
delta	0.06433495	1.2657236
gama	0.37611694	0.2406403
sigma	0.61664895	1.3574596
lambda	0.10490243	2.5802080
alpha1	0.73705331	NA
alpha2	0.91551973	NA
alpha3	2.07629022	NA

, , 44

	1	2
beta1	-0.8666402	-1.1003428
beta2	-0.9965900	0.9968468
beta3	-2.0406632	2.0137764
beta4	-2.9962790	3.0543330
delta	0.0671067	1.3389059
gama	0.3418823	0.2309362
sigma	0.5885453	1.4225348
lambda	0.1147698	2.7861473
alpha1	0.7995969	NA
alpha2	1.1226265	NA
alpha3	2.0954175	NA

, , 45

	1	2
beta1	-1.10557380	-1.0048989
beta2	-0.98346542	1.0025862
beta3	-1.95237374	2.0231639
beta4	-2.89613478	3.0082522
delta	0.06113707	1.3707365
gama	0.33186236	0.1906853
sigma	0.57931002	1.4386118
lambda	0.10612694	3.1390295
alpha1	0.72402390	NA
alpha2	0.94220398	NA
alpha3	2.18654441	NA

, , 46

	1	2
beta1	-0.85893870	-0.8747646
beta2	-0.99763262	0.9617072
beta3	-2.01227532	2.0181808
beta4	-2.99242899	2.9676259
delta	0.06935544	1.3781394
gama	0.32413689	0.2039584
sigma	0.57353907	1.4502505
lambda	0.12181935	3.0515634
alpha1	0.72362351	NA
alpha2	1.17581523	NA
alpha3	2.09246762	NA

, , 47

	1	2
beta1	-1.09657440	-1.0110953
beta2	-0.95928421	1.0084747
beta3	-1.95279876	1.9744618
beta4	-2.92957921	3.0097268
delta	0.06484483	1.3194215
gama	0.36622497	0.2286385
sigma	0.60862946	1.4033929
lambda	0.10715227	2.7593630
alpha1	0.55612521	NA
alpha2	0.84980417	NA
alpha3	1.99549319	NA

, , 48

	1	2
beta1	-0.86117362	-0.7919624
beta2	-1.00028087	0.9455302
beta3	-1.92969694	2.0183450
beta4	-2.97252274	2.9776341
delta	0.06412357	1.4693174
gama	0.35836875	0.2043592
sigma	0.60206361	1.5372875
lambda	0.10711558	3.2502632
alpha1	0.55276693	NA
alpha2	0.93094594	NA
alpha3	1.60865580	NA

, , 49

	1	2
beta1	-0.89964124	-0.8161580
beta2	-0.97703680	0.9952980
beta3	-1.94723054	1.9660740
beta4	-2.97663845	2.9591367
delta	0.06138765	1.2490512
gama	0.33342526	0.2227538
sigma	0.58068382	1.3352463
lambda	0.10631187	2.6464743
alpha1	0.71812594	NA

alpha2	1.10160767	NA
alpha3	2.14404780	NA

, , 50

	1	2
beta1	-0.75034308	-1.1646923
beta2	-1.04162081	1.0383238
beta3	-1.99856924	2.0359414
beta4	-3.01372014	2.9996221
delta	0.07003517	1.4065449
gama	0.41036792	0.1887415
sigma	0.64441667	1.4721108
lambda	0.10932752	3.2375756
alpha1	0.81792871	NA
alpha2	1.12303359	NA
alpha3	2.22717762	NA

, , 51

	1	2
beta1	-1.10414806	-0.6612369
beta2	-0.98487684	0.9588358
beta3	-2.06867235	2.0034085
beta4	-2.93575157	2.9762299
delta	0.06012175	1.2535951
gama	0.40798335	0.2287215
sigma	0.64155902	1.3417236
lambda	0.09412617	2.6212217
alpha1	0.68863878	NA
alpha2	0.90434187	NA
alpha3	1.55286977	NA

, , 52

	1	2
beta1	-0.90768059	-0.9506809
beta2	-1.01512784	1.0108285
beta3	-2.01716325	1.9714726
beta4	-2.98850875	2.9907428
delta	0.07016123	1.2925720
gama	0.43423624	0.2791760
sigma	0.66269061	1.3963948

lambda	0.10647169	2.4463336
alpha1	0.82036052	NA
alpha2	1.13068603	NA
alpha3	1.96899764	NA

, , 53

	1	2
beta1	-0.67057494	-0.7653628
beta2	-1.02054743	0.9542023
beta3	-1.98308012	1.9727802
beta4	-3.03001615	2.9412410
delta	0.06654963	1.4445914
gama	0.32988469	0.1711280
sigma	0.57819853	1.5026550
lambda	0.11586828	3.4920826
alpha1	0.70523479	NA
alpha2	0.93796898	NA
alpha3	2.03485512	NA

, , 54

	1	2
beta1	-0.76371141	-1.105746
beta2	-1.02411428	1.023186
beta3	-1.97847815	2.027659
beta4	-2.99647787	2.964803
delta	0.06505638	1.481129
gama	0.32676329	0.168005
sigma	0.57532219	1.536798
lambda	0.11380812	3.613532
alpha1	0.66628135	NA
alpha2	1.05632392	NA
alpha3	2.15107703	NA

, , 55

	1	2
beta1	-0.84704322	-1.1881496
beta2	-0.98421001	1.0177035
beta3	-2.03862513	1.9680356
beta4	-3.01408044	3.0215790
delta	0.06750641	1.4410593

gama	0.31735077	0.1946397
sigma	0.56736927	1.5070805
lambda	0.11983266	3.2663761
alpha1	0.64663728	NA
alpha2	1.05979998	NA
alpha3	2.22169094	NA

, , 56

	1	2
beta1	-0.80351034	-1.0354740
beta2	-0.99906239	1.0374789
beta3	-2.00278998	1.9667631
beta4	-3.01561396	2.9662390
delta	0.05875270	1.3191559
gama	0.37071672	0.1973793
sigma	0.61169323	1.3919596
lambda	0.09649542	2.9692402
alpha1	0.63219771	NA
alpha2	0.98468850	NA
alpha3	2.05103333	NA

, , 57

	1	2
beta1	-1.17054620	-0.8591645
beta2	-0.96219125	1.0017465
beta3	-1.98079013	1.9901232
beta4	-2.92439650	2.9807276
delta	0.05874972	1.2020060
gama	0.40656339	0.2266030
sigma	0.64032407	1.2928346
lambda	0.09213861	2.5250722
alpha1	0.65404630	NA
alpha2	0.93337939	NA
alpha3	2.02872743	NA

, , 58

	1	2
beta1	-0.69517884	-1.1241593
beta2	-1.05312242	1.0169596
beta3	-2.03141390	2.0121622

beta4	-3.01827788	3.0266840
delta	0.06556456	1.3642871
gama	0.36650836	0.2216183
sigma	0.60893930	1.4432247
lambda	0.10829969	2.8980304
alpha1	0.84655761	NA
alpha2	1.00495778	NA
alpha3	1.96104548	NA

, , 59

	1	2
beta1	-0.68430157	-1.1254985
beta2	-1.01209271	1.0131335
beta3	-2.00757442	1.9848171
beta4	-3.04479070	2.9990514
delta	0.06396982	1.4748051
gama	0.34893106	0.1102541
sigma	0.59415755	1.5117223
lambda	0.10829422	4.4415766
alpha1	0.68374860	NA
alpha2	1.06763422	NA
alpha3	1.96263586	NA

, , 60

	1	2
beta1	-0.86895458	-1.0845456
beta2	-0.96078527	1.0026941
beta3	-1.96494970	2.0173889
beta4	-3.02334855	3.0151618
delta	0.06310850	1.3379451
gama	0.39987771	0.2310737
sigma	0.63550011	1.4216789
lambda	0.09979855	2.7833196
alpha1	0.67051843	NA
alpha2	1.01993379	NA
alpha3	2.15340983	NA

, , 61

	1	2
beta1	-0.82394508	-0.9613755

beta2	-1.01179463	0.9859577
beta3	-2.01095397	1.9995534
beta4	-3.00414862	3.0151427
delta	0.06638763	1.3061811
gama	0.35233792	0.2050772
sigma	0.59728154	1.3824566
lambda	0.11184265	2.8843286
alpha1	0.62252044	NA
alpha2	0.92141280	NA
alpha3	2.02947311	NA

, , 62

	1	2
beta1	-0.93280985	-1.1209585
beta2	-0.96830727	1.0361097
beta3	-2.00840458	1.9723172
beta4	-2.98142349	2.9915024
delta	0.05954368	1.2911451
gama	0.35863097	0.1294361
sigma	0.60181095	1.3403327
lambda	0.09942871	3.5887848
alpha1	0.66257669	NA
alpha2	1.00018376	NA
alpha3	2.14786413	NA

, , 63

	1	2
beta1	-0.90645536	-0.9661403
beta2	-0.97952814	1.0116463
beta3	-1.97480889	2.0427300
beta4	-2.96648723	2.9750591
delta	0.06294831	1.3527472
gama	0.34493885	0.2104983
sigma	0.59067871	1.4284338
lambda	0.10717982	2.9484405
alpha1	0.69734805	NA
alpha2	0.89471620	NA
alpha3	1.76284447	NA

, , 64

	1	2
beta1	-0.92402314	-1.291621
beta2	-0.96206108	1.009124
beta3	-2.00842755	2.038429
beta4	-3.00567431	3.072805
delta	0.05670538	1.448205
gama	0.38681990	0.113483
sigma	0.62452814	1.486869
lambda	0.09117376	4.298972
alpha1	0.60312490	NA
alpha2	0.98224300	NA
alpha3	1.91802817	NA

, , 65

	1	2
beta1	-0.86637606	-1.1707240
beta2	-0.97332251	1.0417996
beta3	-2.02850222	1.9756329
beta4	-3.01860524	2.9952407
delta	0.06364824	1.3580961
gama	0.35174838	0.2609472
sigma	0.59648930	1.4509901
lambda	0.10731745	2.6586070
alpha1	0.67462442	NA
alpha2	1.00109230	NA
alpha3	1.96047838	NA

, , 66

	1	2
beta1	-0.78720671	-0.9843938
beta2	-1.01218503	1.0027282
beta3	-2.00944319	1.9641960
beta4	-3.03187598	2.9885886
delta	0.06905449	1.2926408
gama	0.34900410	0.2081863
sigma	0.59478788	1.3708051
lambda	0.11688980	2.8330344
alpha1	0.69545264	NA
alpha2	0.87273760	NA
alpha3	2.01334533	NA

, , 67

	1	2
beta1	-0.87483255	-0.6471909
beta2	-1.03439264	0.9882825
beta3	-2.04837164	1.9910331
beta4	-2.95135257	2.9659766
delta	0.05545045	1.0943822
gama	0.35410705	0.3355278
sigma	0.59764689	1.2382246
lambda	0.09318324	1.8893166
alpha1	0.81432700	NA
alpha2	1.02139717	NA
alpha3	2.14056055	NA

, , 68

	1	2
beta1	-0.74772489	-1.0587385
beta2	-1.04491243	1.0334919
beta3	-1.99773275	2.0652622
beta4	-3.01604388	3.0309079
delta	0.05907311	1.2495146
gama	0.40984669	0.1529693
sigma	0.64291237	1.3092960
lambda	0.09227395	3.1947673
alpha1	0.65346549	NA
alpha2	0.88639321	NA
alpha3	1.79982158	NA

, , 69

	1	2
beta1	-0.91074266	-0.7054449
beta2	-1.01476158	0.9903884
beta3	-1.98165881	2.0259385
beta4	-2.97334393	2.8980557
delta	0.06510323	1.3692570
gama	0.38687721	0.2031280
sigma	0.62539239	1.4415244
lambda	0.10466849	3.0380861
alpha1	0.64118933	NA
alpha2	1.05767422	NA

alpha3 2.04918663 NA

, , 70

	1	2
beta1	-0.74104791	-1.1162156
beta2	-1.02594364	1.0038687
beta3	-2.01564120	1.9917998
beta4	-2.99620346	3.0422426
delta	0.06233232	1.3066212
gama	0.32525635	0.1891104
sigma	0.57370869	1.3770873
lambda	0.10929502	3.0046372
alpha1	0.78912286	NA
alpha2	0.99663888	NA
alpha3	1.94393620	NA

, , 71

	1	2
beta1	-0.91619740	-0.6804991
beta2	-0.96179790	0.9389884
beta3	-2.00479175	2.0282066
beta4	-3.02544065	2.9715287
delta	0.06364593	1.3556068
gama	0.36015189	0.2205286
sigma	0.60349208	1.4346423
lambda	0.10605417	2.8866976
alpha1	0.87857860	NA
alpha2	1.04894160	NA
alpha3	2.06839750	NA

, , 72

	1	2
beta1	-0.84771584	-1.2642429
beta2	-1.02260362	1.0278563
beta3	-2.03704560	2.0024425
beta4	-2.98084885	3.0558917
delta	0.06438181	1.4737386
gama	0.33613790	0.1519117
sigma	0.58333774	1.5244071
lambda	0.11104640	3.7811584

alpha1	0.74380503	NA
alpha2	1.13065412	NA
alpha3	2.46128203	NA

, , 73

	1	2
beta1	-0.61634944	-0.9149373
beta2	-1.02740308	1.0102608
beta3	-2.02960776	2.0343626
beta4	-3.06202149	2.9286835
delta	0.06024391	1.3563849
gama	0.35694981	0.2043073
sigma	0.60048243	1.4297159
lambda	0.10083461	3.0008271
alpha1	0.67522710	NA
alpha2	0.95472630	NA
alpha3	1.82523373	NA

, , 74

	1	2
beta1	-0.78791278	-0.9582155
beta2	-1.00116207	0.9900523
beta3	-2.02152197	1.9190526
beta4	-2.99432149	3.0018976
delta	0.05853861	1.3610915
gama	0.35319202	0.1653270
sigma	0.59717568	1.4205271
lambda	0.09850017	3.3474602
alpha1	0.75207513	NA
alpha2	1.12607735	NA
alpha3	1.90543697	NA

, , 75

	1	2
beta1	-0.4600737	-0.8951245
beta2	-1.0631081	1.0108778
beta3	-2.0076015	1.9971018
beta4	-3.1022310	2.9492337
delta	0.0678280	1.3281331
gama	0.3748585	0.1765798

sigma	0.6160026	1.3930246
lambda	0.1107836	3.1606115
alpha1	0.7010942	NA
alpha2	1.1441747	NA
alpha3	2.2641419	NA

, , 76

	1	2
beta1	-0.72006616	-1.0321487
beta2	-1.03730193	1.0200588
beta3	-1.98410623	2.0051831
beta4	-2.99150028	3.0014351
delta	0.06176121	1.2534954
gama	0.38310022	0.2826328
sigma	0.62202465	1.3615739
lambda	0.09978369	2.3578245
alpha1	0.79497039	NA
alpha2	0.97082302	NA
alpha3	2.03855006	NA

, , 77

	1	2
beta1	-0.96266028	-0.9345562
beta2	-0.96768221	0.9896445
beta3	-1.97233557	2.0035961
beta4	-2.97660926	2.9802976
delta	0.06824232	1.3579295
gama	0.33017755	0.2072182
sigma	0.57864891	1.4321979
lambda	0.11876269	2.9830688
alpha1	0.56787455	NA
alpha2	0.89601113	NA
alpha3	1.78722956	NA

, , 78

	1	2
beta1	-0.77120297	-1.0718047
beta2	-1.02448567	1.0207318
beta3	-1.99286364	1.9998496
beta4	-2.99239747	2.9967047

delta	0.06180505	1.3436300
gama	0.39294046	0.1565053
sigma	0.62988914	1.4006594
lambda	0.09859630	3.3963711
alpha1	0.65591168	NA
alpha2	0.87572011	NA
alpha3	1.97440459	NA

, , 79

	1	2
beta1	-1.08039226	-0.8897917
beta2	-0.96100327	1.0341391
beta3	-1.95859584	2.0304942
beta4	-2.93016759	2.9168861
delta	0.05991869	1.3038702
gama	0.35558796	0.1895550
sigma	0.59931479	1.3746390
lambda	0.10048212	2.9947929
alpha1	0.78325381	NA
alpha2	0.95690132	NA
alpha3	1.86270132	NA

, , 80

	1	2
beta1	-0.85571182	-1.1382538
beta2	-0.97585134	1.0296080
beta3	-1.98401829	1.9410196
beta4	-3.03288825	3.0614217
delta	0.06525881	1.2936978
gama	0.35888698	0.2084363
sigma	0.60261571	1.3718930
lambda	0.10893321	2.8336500
alpha1	0.63792185	NA
alpha2	0.97305207	NA
alpha3	2.08084142	NA

, , 81

	1	2
beta1	-0.6709666	-1.0653529
beta2	-1.0291462	1.0066862

beta3	-1.9944962	2.0200857
beta4	-3.0162411	3.0152442
delta	0.0620491	1.3783160
gama	0.3623410	0.2401173
sigma	0.6051372	1.4628302
lambda	0.1030806	2.8127888
alpha1	0.7656329	NA
alpha2	0.9447350	NA
alpha3	1.8911150	NA

, , 82

	1	2
beta1	-0.68432974	-0.9424159
beta2	-1.03239631	1.0203889
beta3	-2.00378735	2.0317003
beta4	-3.00440143	2.9631029
delta	0.06097092	1.3386952
gama	0.36065851	0.2494624
sigma	0.60363562	1.4288342
lambda	0.10152539	2.6802737
alpha1	0.65950112	NA
alpha2	1.01415693	NA
alpha3	1.94051918	NA

, , 83

	1	2
beta1	-0.95902765	-0.8334769
beta2	-1.00879007	0.9938445
beta3	-2.01167677	2.0043207
beta4	-2.97669620	2.9931676
delta	0.07405593	1.2499741
gama	0.42134766	0.2355712
sigma	0.65332376	1.3408976
lambda	0.11408789	2.5753719
alpha1	0.69584380	NA
alpha2	0.88047785	NA
alpha3	1.84648493	NA

, , 84

	1	2
--	---	---

beta1	-0.98683635	-1.2352495
beta2	-1.02057540	1.0620897
beta3	-1.99377746	1.9957058
beta4	-2.90045416	3.0502851
delta	0.06425763	1.3321212
gama	0.35565621	0.2078542
sigma	0.59982102	1.4079777
lambda	0.10774807	2.9218931
alpha1	0.61866993	NA
alpha2	0.94031097	NA
alpha3	2.13914457	NA

, , 85

	1	2
beta1	-0.64334347	-0.9079009
beta2	-1.01467287	0.9848797
beta3	-2.02499483	1.9866760
beta4	-3.05098326	2.9677555
delta	0.05927331	1.3444751
gama	0.35144714	0.2248520
sigma	0.59578558	1.4256455
lambda	0.09998369	2.8353351
alpha1	0.60258254	NA
alpha2	0.98188596	NA
alpha3	2.11133886	NA

, , 86

	1	2
beta1	-1.08353733	-1.2037833
beta2	-0.93251732	1.0443184
beta3	-1.95332660	2.0145941
beta4	-2.95506049	3.0363401
delta	0.06261748	1.3060265
gama	0.34776048	0.1518246
sigma	0.59302735	1.3629123
lambda	0.10618311	3.3518221
alpha1	0.80782411	NA
alpha2	1.01317321	NA
alpha3	1.98672984	NA

, , 87

	1	2
beta1	-0.77885095	-0.8232060
beta2	-1.03298810	0.9425995
beta3	-1.91410249	2.0159518
beta4	-2.96509599	3.0099695
delta	0.05888041	1.3770811
gama	0.37101037	0.1396910
sigma	0.61194548	1.4268999
lambda	0.09666690	3.6844717
alpha1	0.82401746	NA
alpha2	1.12130308	NA
alpha3	1.99780090	NA

, , 88

	1	2
beta1	-0.85920467	-1.0755023
beta2	-1.02259320	0.9947535
beta3	-1.98576861	2.0194427
beta4	-2.97636367	3.0355360
delta	0.07379946	1.3129932
gama	0.38220982	0.2037281
sigma	0.62262041	1.3884088
lambda	0.11937194	2.9089551
alpha1	0.66877270	NA
alpha2	0.89811211	NA
alpha3	2.09021089	NA

, , 89

	1	2
beta1	-0.91684176	-1.0466174
beta2	-0.97962882	1.0232291
beta3	-1.97564846	1.9897510
beta4	-2.96174177	3.0179420
delta	0.06364571	1.2068784
gama	0.33460248	0.2565356
sigma	0.58193922	1.3088510
lambda	0.11002833	2.3828116
alpha1	0.79366071	NA
alpha2	1.10880679	NA
alpha3	2.08187912	NA

, , 90

	1	2
beta1	-0.76472109	-1.2748403
beta2	-0.99275604	1.0391770
beta3	-1.97585006	2.0338168
beta4	-3.02745250	3.0485693
delta	0.05654983	1.3865567
gama	0.36161456	0.1833515
sigma	0.60399706	1.4511688
lambda	0.09403908	3.2381387
alpha1	0.74941175	NA
alpha2	1.06953827	NA
alpha3	2.49851384	NA

, , 91

	1	2
beta1	-0.80981362	-0.7368188
beta2	-1.01979033	0.9158132
beta3	-1.99438229	2.0140588
beta4	-2.98199810	2.9927419
delta	0.06025806	1.3800835
gama	0.35664716	0.1827206
sigma	0.60023179	1.4447668
lambda	0.10090106	3.2285804
alpha1	0.67322682	NA
alpha2	1.04537279	NA
alpha3	1.86990831	NA

, , 92

	1	2
beta1	-0.71971514	-0.8989686
beta2	-1.03807279	0.9937960
beta3	-2.00655166	1.9822274
beta4	-3.01882329	2.9584121
delta	0.05804227	1.4088912
gama	0.42960286	0.1844618
sigma	0.65800590	1.4729007
lambda	0.08855454	3.2803806
alpha1	0.80105628	NA

alpha2	1.27043334	NA
alpha3	2.17159908	NA

, , 93

	1	2
beta1	-0.78682557	-1.1078133
beta2	-1.00719825	1.0147262
beta3	-2.06253457	1.9820345
beta4	-2.99175666	3.0294276
delta	0.05465240	1.3285623
gama	0.32101276	0.1644152
sigma	0.56920966	1.3890620
lambda	0.09646018	3.2765058
alpha1	0.76592790	NA
alpha2	1.10061057	NA
alpha3	1.89187705	NA

, , 94

	1	2
beta1	-0.71978131	-1.0823999
beta2	-1.00391923	1.0004644
beta3	-1.97465747	2.0210167
beta4	-3.04148440	2.9925942
delta	0.06677707	1.4191952
gama	0.30074694	0.1600929
sigma	0.55245463	1.4745195
lambda	0.12176620	3.5469588
alpha1	0.74127839	NA
alpha2	0.86403667	NA
alpha3	2.02115219	NA

, , 95

	1	2
beta1	-0.80376186	-1.08744364
beta2	-1.01164103	0.99663817
beta3	-1.95183735	1.98274893
beta4	-2.98539153	3.00751899
delta	0.05210283	1.50822548
gama	0.41069526	0.09908678
sigma	0.64296965	1.54072415

lambda	0.08130204	4.79135571
alpha1	0.80212718	NA
alpha2	1.02507292	NA
alpha3	1.85536957	NA

, , 96

	1	2
beta1	-0.8091031	-0.9255748
beta2	-0.9881931	0.9650156
beta3	-1.9936177	1.9947221
beta4	-3.0265409	3.0331008
delta	0.0606230	1.2059868
gama	0.3388469	0.2806934
sigma	0.5852538	1.3172310
lambda	0.1041443	2.2762840
alpha1	0.4874753	NA
alpha2	0.8499112	NA
alpha3	1.9259043	NA

, , 97

	1	2
beta1	-0.71922345	-0.7429087
beta2	-1.04399985	0.9816631
beta3	-1.99846558	1.9761361
beta4	-2.99127343	2.9155463
delta	0.05610078	1.4069959
gama	0.29351481	0.1806282
sigma	0.54466697	1.4697843
lambda	0.10355090	3.3105495
alpha1	0.80259939	NA
alpha2	0.98563884	NA
alpha3	1.95866589	NA

, , 98

	1	2
beta1	-0.82788028	-1.1384627
beta2	-1.01112523	0.9804042
beta3	-2.00178343	1.9956655
beta4	-2.97790365	3.0741431
delta	0.06483714	1.3181268

gama	0.37501505	0.2020387
sigma	0.61580752	1.3926583
lambda	0.10587648	2.9325126
alpha1	0.80432406	NA
alpha2	1.02379376	NA
alpha3	2.11082221	NA

, , 99

	1	2
beta1	-0.86211404	-0.9736683
beta2	-0.99201542	1.0324892
beta3	-2.00184821	2.0150179
beta4	-3.00679723	3.0277397
delta	0.06517303	1.1847152
gama	0.38328154	0.2941069
sigma	0.62251832	1.3029416
lambda	0.10527105	2.1845467
alpha1	0.77713830	NA
alpha2	1.14544600	NA
alpha3	2.13087165	NA

, , 100

	1	2
beta1	-0.75417367	-1.0678608
beta2	-1.01642717	0.9984350
beta3	-2.00295226	1.9477698
beta4	-3.02297597	3.0368532
delta	0.06202124	1.2575494
gama	0.37872650	0.1754959
sigma	0.61852497	1.3254910
lambda	0.10078075	3.0018674
alpha1	0.79289618	NA
alpha2	0.94204119	NA
alpha3	2.20321152	NA

\$`n = 1000`\$`cen = 0.3`

, , 1

	1	2
beta1	-1.02268557	-0.8598320

beta2	-0.96885171	1.0098246
beta3	-1.94831869	1.9693604
beta4	-2.95476571	2.9593222
delta	0.06671746	1.2537098
gama	0.39143908	0.2170494
sigma	0.62919814	1.3374744
lambda	0.10663688	2.6910251
alpha1	0.86636381	NA
alpha2	1.13392057	NA
alpha3	2.07624427	NA

, , 2

	1	2
beta1	-0.98080819	-0.9400521
beta2	-1.02163091	0.9991661
beta3	-2.04120308	2.0050327
beta4	-2.93591814	2.9712992
delta	0.07288387	1.2585514
gama	0.32058343	0.2399613
sigma	0.57087256	1.3505232
lambda	0.12872440	2.5692142
alpha1	0.43642436	NA
alpha2	0.81378286	NA
alpha3	1.99362085	NA

, , 3

	1	2
beta1	-0.71223352	-1.0664274
beta2	-1.01059914	1.0226050
beta3	-1.95290595	2.0162663
beta4	-3.01862248	2.9988235
delta	0.07526166	1.3191956
gama	0.34811410	0.2478401
sigma	0.59479275	1.4100061
lambda	0.12755955	2.6498628
alpha1	0.69314503	NA
alpha2	0.94395886	NA
alpha3	2.07306478	NA

, , 4

	1	2
beta1	-1.18794785	-0.9488798
beta2	-0.93751938	1.0276167
beta3	-1.94926424	2.0314793
beta4	-2.91761379	2.9553812
delta	0.07132491	1.2648745
gama	0.35867669	0.2054746
sigma	0.60312845	1.3436451
lambda	0.11909393	2.7904122
alpha1	0.67572179	NA
alpha2	1.04469340	NA
alpha3	2.08981971	NA

, , 5

	1	2
beta1	-0.5573409	-0.9645655
beta2	-1.0717012	1.0112023
beta3	-2.0865265	1.9902832
beta4	-3.0942979	2.9735289
delta	0.0695580	1.2500233
gama	0.3596267	0.2315467
sigma	0.6037094	1.3394420
lambda	0.1159902	2.5977587
alpha1	0.7120980	NA
alpha2	0.9993335	NA
alpha3	1.9695285	NA

, , 6

	1	2
beta1	-0.92165116	-1.1833103
beta2	-0.96631637	1.0378208
beta3	-1.95945470	1.9611791
beta4	-3.00380655	3.0013116
delta	0.07476699	1.4016370
gama	0.41001682	0.1179473
sigma	0.64467583	1.4430986
lambda	0.11676403	4.0812346
alpha1	0.70830190	NA
alpha2	0.89273072	NA
alpha3	2.01592931	NA

, , 7

	1	2
beta1	-1.00026973	-1.0639227
beta2	-0.97970823	1.0073326
beta3	-2.02014889	2.0401956
beta4	-2.98557957	3.0190549
delta	0.08224246	1.3916434
gama	0.36377437	0.1842991
sigma	0.60871848	1.4563552
lambda	0.13635782	3.2416514
alpha1	0.56733267	NA
alpha2	0.97010633	NA
alpha3	1.82946754	NA

, , 8

	1	2
beta1	-0.58047560	-0.8930768
beta2	-1.06748267	0.9574475
beta3	-2.02411672	1.9913686
beta4	-3.02410434	3.0351431
delta	0.06679961	1.3224032
gama	0.34974399	0.2241278
sigma	0.59515223	1.4045918
lambda	0.11295326	2.7932899
alpha1	0.59788483	NA
alpha2	0.86652328	NA
alpha3	2.22331500	NA

, , 9

	1	2
beta1	-0.71297369	-0.9347367
beta2	-1.03271431	0.9992279
beta3	-1.94114024	1.9615055
beta4	-3.00327011	3.0121613
delta	0.07639435	1.2888693
gama	0.39311408	0.2382036
sigma	0.63162503	1.3781827
lambda	0.12184338	2.6407950
alpha1	0.53425647	NA
alpha2	0.77887093	NA

alpha3 1.97470854 NA

, , 10

	1	2
beta1	-1.0936465	-0.7315946
beta2	-0.9130598	0.9897511
beta3	-2.0211297	2.0132392
beta4	-2.9840327	2.9316069
delta	0.0719984	1.3477736
gama	0.3607470	0.2750278
sigma	0.6049221	1.4462094
lambda	0.1198730	2.5699735
alpha1	0.7615435	NA
alpha2	1.0940954	NA
alpha3	2.0049204	NA

, , 11

	1	2
beta1	-0.93323000	-1.0293782
beta2	-1.00473784	0.9793726
beta3	-1.98971197	1.9568782
beta4	-2.92991215	3.0366147
delta	0.07000897	1.3558272
gama	0.29775236	0.2403136
sigma	0.55013963	1.4417284
lambda	0.12829983	2.7657644
alpha1	0.74782659	NA
alpha2	1.03389619	NA
alpha3	1.83070207	NA

, , 12

	1	2
beta1	-0.94008915	-0.8589182
beta2	-0.97585552	1.0196545
beta3	-2.00303163	1.9565353
beta4	-2.96338888	2.9178159
delta	0.06845097	1.3202480
gama	0.28436511	0.1767806
sigma	0.53763431	1.3855812
lambda	0.12836346	3.1400620

alpha1	0.64333123	NA
alpha2	0.93482308	NA
alpha3	2.03281418	NA

, , 13

	1	2
beta1	-1.12168400	-1.053063
beta2	-0.94886436	1.021031
beta3	-2.04887845	1.947084
beta4	-2.94903483	3.005851
delta	0.07521809	1.323636
gama	0.34951285	0.236684
sigma	0.59596192	1.410211
lambda	0.12723035	2.720722
alpha1	0.72400614	NA
alpha2	0.92155930	NA
alpha3	2.24719701	NA

, , 14

	1	2
beta1	-0.66201972	-1.0122904
beta2	-1.01284866	1.0147853
beta3	-1.99713822	1.9440635
beta4	-3.04337689	2.9720293
delta	0.06886961	1.3835190
gama	0.32060081	0.1958048
sigma	0.57038919	1.4525597
lambda	0.12163130	3.1266083
alpha1	0.73096594	NA
alpha2	1.07614585	NA
alpha3	2.14670282	NA

, , 15

	1	2
beta1	-0.67243049	-0.9377494
beta2	-1.02823110	1.0225606
beta3	-1.99196461	1.9850697
beta4	-3.04423494	2.9731710
delta	0.07582093	1.2451446
gama	0.37378489	0.2313675

sigma	0.61606307	1.3348231
lambda	0.12401615	2.5886217
alpha1	0.70442890	NA
alpha2	0.92425620	NA
alpha3	1.88598213	NA

, , 16

	1	2
beta1	-0.6381905	-1.241596
beta2	-0.9824283	1.015134
beta3	-2.0428857	1.939898
beta4	-3.0950010	3.057132
delta	0.0659394	1.277801
gama	0.3128617	0.209047
sigma	0.5632137	1.357138
lambda	0.1178878	2.794739
alpha1	0.8395060	NA
alpha2	1.1146862	NA
alpha3	1.9464625	NA

, , 17

	1	2
beta1	-0.92685656	-0.9117401
beta2	-0.94667561	1.0317797
beta3	-1.95289837	1.9778957
beta4	-2.97336636	2.9544617
delta	0.07140581	1.2813590
gama	0.31153053	0.2132548
sigma	0.56269825	1.3620337
lambda	0.12793319	2.7747344
alpha1	0.54939224	NA
alpha2	0.91344617	NA
alpha3	2.30653348	NA

, , 18

	1	2
beta1	-0.92522046	-1.1341380
beta2	-0.98031373	0.9774863
beta3	-1.94548310	2.0155975
beta4	-2.97209733	3.0251945

delta	0.07238096	1.4272747
gama	0.34773666	0.1603260
sigma	0.59411755	1.4823762
lambda	0.12274367	3.5645569
alpha1	0.71083853	NA
alpha2	0.91082988	NA
alpha3	2.05677335	NA

, , 19

	1	2
beta1	-0.98811519	-1.2571661
beta2	-0.96100458	1.0155563
beta3	-1.87271466	1.9720133
beta4	-2.93663862	3.0623690
delta	0.06962163	1.4105137
gama	0.33768017	0.2060719
sigma	0.58525835	1.4817627
lambda	0.11980955	3.1071910
alpha1	0.68385597	NA
alpha2	0.88496940	NA
alpha3	2.29124335	NA

, , 20

	1	2
beta1	-0.94482957	-1.1199659
beta2	-1.02784944	1.0041067
beta3	-2.01354641	2.0419059
beta4	-2.96852594	3.0522777
delta	0.07440279	1.2536441
gama	0.40133365	0.2424997
sigma	0.63786317	1.3468939
lambda	0.11744551	2.5457670
alpha1	0.66450309	NA
alpha2	0.85313440	NA
alpha3	1.90212470	NA

, , 21

	1	2
beta1	-0.61689447	-0.8694775
beta2	-1.00318600	0.9861189

beta3	-2.12350694	1.9061337
beta4	-3.12935731	3.0099442
delta	0.07486399	1.2509542
gama	0.33767777	0.2607283
sigma	0.58590305	1.3511531
lambda	0.12883140	2.4498940
alpha1	0.58747096	NA
alpha2	1.05849666	NA
alpha3	2.15170459	NA

, , 22

	1	2
beta1	-0.56243599	-0.8628737
beta2	-1.05231098	1.0371949
beta3	-2.01702798	2.0044176
beta4	-3.04966761	2.9200838
delta	0.07176153	1.3541550
gama	0.31656360	0.1867892
sigma	0.56719777	1.4214517
lambda	0.12754434	3.1332315
alpha1	0.76268791	NA
alpha2	1.00062236	NA
alpha3	2.20362438	NA

, , 23

	1	2
beta1	-0.86642195	-0.6086029
beta2	-0.95063407	0.9785405
beta3	-1.98143013	1.9340940
beta4	-3.03761185	2.8942391
delta	0.07229036	1.2596272
gama	0.40467674	0.2435111
sigma	0.64023639	1.3528384
lambda	0.11363870	2.5525994
alpha1	0.89830623	NA
alpha2	1.06704381	NA
alpha3	2.09638271	NA

, , 24

	1	2
--	---	---

beta1	-0.87238958	-0.9771366
beta2	-0.99738631	1.0521754
beta3	-1.94910836	1.9993356
beta4	-2.99791807	2.9438799
delta	0.07006585	1.3064991
gama	0.36328759	0.2093199
sigma	0.60679223	1.3842903
lambda	0.11624684	2.8556425
alpha1	0.67847181	NA
alpha2	0.95398394	NA
alpha3	2.06793423	NA

, , 25

	1	2
beta1	-0.91923819	-0.7399287
beta2	-0.98028000	0.9981176
beta3	-2.03168926	1.9771694
beta4	-3.00953700	2.9215829
delta	0.08067402	1.2896884
gama	0.37349993	0.2027932
sigma	0.61644807	1.3660488
lambda	0.13200440	2.8639014
alpha1	0.75141071	NA
alpha2	1.18534643	NA
alpha3	1.83277992	NA

, , 26

	1	2
beta1	-0.9911540	-0.68981305
beta2	1.0047156	-1.03956843
beta3	2.0162105	-2.10308522
beta4	2.9976018	-3.11207970
delta	1.3443160	0.08201837
gama	0.2141955	0.37039013
sigma	1.4217528	0.61409865
lambda	2.9046662	0.13476634
alpha1	-0.5385555	NA
alpha2	-1.0505595	NA
alpha3	-2.1746706	NA

, , 27

	1	2
beta1	-0.62605092	-1.0585288
beta2	-1.03083272	0.9704866
beta3	-1.95885175	2.0139941
beta4	-3.03996622	3.0395560
delta	0.07566129	1.3006508
gama	0.40469426	0.2050717
sigma	0.64063944	1.3772307
lambda	0.11893515	2.8721550
alpha1	0.71428860	NA
alpha2	1.13091917	NA
alpha3	2.42339777	NA

, , 28

	1	2
beta1	-0.65717286	-0.8449800
beta2	-1.01757109	0.9452508
beta3	-2.08868915	2.0097972
beta4	-3.05556764	3.0013867
delta	0.07088093	1.3427119
gama	0.26722896	0.2021450
sigma	0.52177875	1.4159873
lambda	0.13711584	2.9864234
alpha1	0.50114025	NA
alpha2	0.87134658	NA
alpha3	2.13963814	NA

, , 29

	1	2
beta1	-0.78936883	-0.9501621
beta2	-1.03483009	1.0153330
beta3	-1.94496490	2.0053977
beta4	-2.95420008	2.9937373
delta	0.06829209	1.3246550
gama	0.32746155	0.2431502
sigma	0.57630318	1.4134571
lambda	0.11934115	2.6863680
alpha1	0.76528838	NA
alpha2	1.02347721	NA
alpha3	2.00778660	NA

, , 30

	1	2
beta1	-0.80747582	-1.0739532
beta2	-1.01224803	0.9812174
beta3	-2.01540318	2.0033758
beta4	-3.01038590	3.0352800
delta	0.07377854	1.4952328
gama	0.33126057	0.1275666
sigma	0.58026188	1.5372989
lambda	0.12818735	4.1863958
alpha1	0.64216730	NA
alpha2	1.04780175	NA
alpha3	1.94574906	NA

, , 31

	1	2
beta1	-0.98434465	-0.9021769
beta2	-1.00245572	0.9903396
beta3	-2.01135868	2.0028337
beta4	-2.93115288	3.0001536
delta	0.07148727	1.2549197
gama	0.31597355	0.2436229
sigma	0.56664273	1.3484978
lambda	0.12717546	2.5424763
alpha1	0.84154518	NA
alpha2	0.97399498	NA
alpha3	1.93464109	NA

, , 32

	1	2
beta1	-0.64218295	-1.0126773
beta2	-1.01584134	1.0215207
beta3	-1.98584270	2.0131685
beta4	-3.08097432	2.9575009
delta	0.07540794	1.4614130
gama	0.32441243	0.2135246
sigma	0.57454224	1.5327271
lambda	0.13239400	3.1626348
alpha1	0.61842932	NA

alpha2	0.96741645	NA
alpha3	2.06747641	NA

, , 33

	1	2
beta1	-0.91559358	-0.7943787
beta2	-0.99327804	1.0097275
beta3	-2.01356817	1.9840195
beta4	-3.00421564	2.9498986
delta	0.06674934	1.1486610
gama	0.35780799	0.3090477
sigma	0.60188326	1.2761151
lambda	0.11158915	2.0662322
alpha1	0.80667924	NA
alpha2	1.04872191	NA
alpha3	1.99296752	NA

, , 34

	1	2
beta1	-1.02269789	-1.2321013
beta2	-0.96656060	1.0541129
beta3	-2.02912534	1.9954001
beta4	-2.98397556	3.0412318
delta	0.08007137	1.2848806
gama	0.37518971	0.2344516
sigma	0.61773872	1.3730877
lambda	0.13072293	2.6536047
alpha1	0.56472865	NA
alpha2	0.88976479	NA
alpha3	2.07363722	NA

, , 35

	1	2
beta1	-0.8721413	-0.9097648
beta2	-0.9343611	1.0026191
beta3	-2.0774762	1.9638813
beta4	-3.1026167	2.9353704
delta	0.0725345	1.3435445
gama	0.3698305	0.1479822
sigma	0.6124474	1.3975314

lambda	0.1192733	3.4925874
alpha1	0.6425614	NA
alpha2	0.9725409	NA
alpha3	2.1473026	NA

, , 36

	1	2
beta1	-0.58371842	-0.9465584
beta2	-1.01368805	0.9422342
beta3	-2.07173472	2.0379368
beta4	-3.08375480	3.0210640
delta	0.06761691	1.4042510
gama	0.32598276	0.1212614
sigma	0.57493896	1.4467835
lambda	0.11842898	4.0325838
alpha1	0.84165184	NA
alpha2	1.12276718	NA
alpha3	1.98208512	NA

, , 37

	1	2
beta1	-0.80174672	-0.8065812
beta2	-1.02543279	0.9115099
beta3	-1.95983725	2.0432747
beta4	-2.94295492	3.0281734
delta	0.06654343	1.3639198
gama	0.31347445	0.1176082
sigma	0.56382841	1.4063732
lambda	0.11885135	3.9771320
alpha1	0.68533088	NA
alpha2	1.04906725	NA
alpha3	2.05863642	NA

, , 38

	1	2
beta1	-0.58913160	-0.9933529
beta2	-1.05209052	0.9829748
beta3	-1.96566948	2.0075582
beta4	-3.01654018	3.0101165
delta	0.06895347	1.4050725

gama	0.31489592	0.1717807
sigma	0.56537643	1.4649265
lambda	0.12287756	3.3900925
alpha1	0.70185203	NA
alpha2	1.06950314	NA
alpha3	1.96493163	NA

, , 39

	1	2
beta1	-0.8114022	-0.8460480
beta2	-0.9586426	0.9862186
beta3	-2.0821861	2.0309531
beta4	-3.0679426	2.9930453
delta	0.0690313	1.2607728
gama	0.3035898	0.2193895
sigma	0.5552974	1.3449675
lambda	0.1252860	2.6917136
alpha1	0.7397071	NA
alpha2	0.8799809	NA
alpha3	1.7211490	NA

, , 40

	1	2
beta1	-0.74993785	-1.0155603
beta2	-1.02497072	0.9621233
beta3	-1.94493532	1.9938398
beta4	-2.98115649	3.0480441
delta	0.07491344	1.3349555
gama	0.26297685	0.1936569
sigma	0.51825560	1.4056184
lambda	0.14608344	3.0335442
alpha1	0.74630591	NA
alpha2	1.00273450	NA
alpha3	1.95902802	NA

, , 41

	1	2
beta1	-1.09285376	-1.0719715
beta2	-0.97220921	1.0240516
beta3	-2.00416941	2.0509882

beta4	-2.94128523	2.9936693
delta	0.07731318	1.3719062
gama	0.38895061	0.2419923
sigma	0.62843292	1.4574357
lambda	0.12396707	2.7888400
alpha1	0.58503459	NA
alpha2	0.84762820	NA
alpha3	1.82595947	NA

, , 42

	1	2
beta1	-0.50576630	-1.0814426
beta2	-1.08500325	1.0101904
beta3	-2.01212002	2.0131398
beta4	-3.05771416	3.0119993
delta	0.06898596	1.4222123
gama	0.39190147	0.1184445
sigma	0.62980992	1.4632609
lambda	0.11019764	4.1324437
alpha1	0.64988098	NA
alpha2	0.91049188	NA
alpha3	1.90714377	NA

, , 43

	1	2
beta1	-0.78545301	-0.9332052
beta2	-0.98306265	0.9641575
beta3	-2.01001904	1.9916601
beta4	-3.03334040	3.0443503
delta	0.07118745	1.2475211
gama	0.36671401	0.2739624
sigma	0.60973901	1.3528752
lambda	0.11755461	2.3834303
alpha1	0.76415479	NA
alpha2	1.08390351	NA
alpha3	1.94389768	NA

, , 44

	1	2
beta1	-0.73491173	-1.2089673

beta2	-0.99825199	1.0155196
beta3	-2.01166939	2.0537621
beta4	-3.02799598	3.0321413
delta	0.07706617	1.4258881
gama	0.31599256	0.1449997
sigma	0.56739030	1.4758580
lambda	0.13709618	3.7445699
alpha1	0.70243603	NA
alpha2	0.92751109	NA
alpha3	1.80644205	NA

, , 45

	1	2
beta1	-1.13618496	-0.7336356
beta2	-0.95816633	0.9185158
beta3	-1.96846533	1.9550720
beta4	-2.91367422	3.0084628
delta	0.06783907	1.2627923
gama	0.29303783	0.2077541
sigma	0.54556390	1.3425344
lambda	0.12531932	2.7704935
alpha1	0.61268142	NA
alpha2	0.89994091	NA
alpha3	2.04226793	NA

, , 46

	1	2
beta1	-0.84191444	-0.7832540
beta2	-0.99445897	0.9750517
beta3	-1.97662033	2.0001270
beta4	-2.97355929	2.9602259
delta	0.08141652	1.2748366
gama	0.31653604	0.2051025
sigma	0.56847576	1.3528899
lambda	0.14471081	2.8149393
alpha1	0.77860513	NA
alpha2	1.08216162	NA
alpha3	2.19980568	NA

, , 47

	1	2
beta1	-1.02497635	-1.3233036
beta2	-0.95627955	1.0359328
beta3	-2.02648774	2.0367329
beta4	-2.96113131	3.0534202
delta	0.06534567	1.4921491
gama	0.34627850	0.1791808
sigma	0.59207141	1.5510286
lambda	0.11104629	3.5250602
alpha1	0.68043799	NA
alpha2	1.03466584	NA
alpha3	2.14628848	NA

, , 48

	1	2
beta1	-0.73800602	-0.9776017
beta2	-0.98024709	0.9817962
beta3	-2.05501643	2.0367282
beta4	-3.08623268	3.0430891
delta	0.07169416	1.2207116
gama	0.33832486	0.2094778
sigma	0.58605880	1.3036927
lambda	0.12325849	2.6671296
alpha1	0.84078984	NA
alpha2	1.22827118	NA
alpha3	2.32303336	NA

, , 49

	1	2
beta1	-0.56769055	-1.2250967
beta2	-1.03766835	1.0084120
beta3	-1.99625303	1.9963038
beta4	-3.11451858	3.0564621
delta	0.07830249	1.4384463
gama	0.33923346	0.1087603
sigma	0.58767741	1.4757669
lambda	0.13443929	4.3617264
alpha1	0.65645306	NA
alpha2	1.07663617	NA
alpha3	2.03304234	NA

, , 50

	1	2
beta1	-0.62670996	-1.0262615
beta2	-1.05987235	0.9463565
beta3	-2.03045408	2.0207646
beta4	-3.04493558	3.0426305
delta	0.07197605	1.3919611
gama	0.36436044	0.1552264
sigma	0.60789883	1.4466451
lambda	0.11924011	3.5330049
alpha1	0.70398835	NA
alpha2	0.90784275	NA
alpha3	1.92292850	NA

, , 51

	1	2
beta1	-0.90540718	-1.2293816
beta2	-0.99748080	1.0120395
beta3	-1.96809617	1.9652716
beta4	-2.97156799	3.0784824
delta	0.07054559	1.3546627
gama	0.37967796	0.1780708
sigma	0.62020532	1.4188664
lambda	0.11448859	3.2102197
alpha1	0.68658116	NA
alpha2	0.95601502	NA
alpha3	1.90382589	NA

, , 52

	1	2
beta1	-1.01724627	-0.9117656
beta2	-0.99032051	0.9940366
beta3	-1.94907117	2.0171564
beta4	-2.90189085	3.0025362
delta	0.07841919	1.1818657
gama	0.32191308	0.2087982
sigma	0.57276754	1.2671246
lambda	0.13821432	2.5864537
alpha1	0.80020708	NA
alpha2	0.95772869	NA

alpha3 2.03147690 NA

, , 53

	1	2
beta1	-0.67224362	-0.9682233
beta2	-1.00118957	1.0047699
beta3	-2.03686299	1.9247931
beta4	-3.10118393	2.9716586
delta	0.04337674	1.3998536
gama	0.40970109	0.1398413
sigma	0.64154706	1.4489415
lambda	0.06776780	3.7433889
alpha1	0.75491501	NA
alpha2	1.07865819	NA
alpha3	2.02466125	NA

, , 54

	1	2
beta1	-0.75945991	-0.8432590
beta2	-1.00522700	0.9888914
beta3	-2.01341663	1.9652987
beta4	-3.03365645	2.9951523
delta	0.06876232	1.2739549
gama	0.37317406	0.2230785
sigma	0.61473760	1.3586904
lambda	0.11256277	2.6972752
alpha1	0.71570599	NA
alpha2	1.01149430	NA
alpha3	1.97840245	NA

, , 55

	1	2
beta1	-0.72265617	-0.9803166
beta2	-1.03331223	1.0035975
beta3	-2.03257488	1.9966345
beta4	-3.00708796	2.9917775
delta	0.07437603	1.2917524
gama	0.33719264	0.2279283
sigma	0.58542671	1.3771537
lambda	0.12808373	2.7057031

alpha1	0.67466977	NA
alpha2	1.03394343	NA
alpha3	2.11792635	NA

, , 56

	1	2
beta1	-0.90568480	-1.0455101
beta2	-0.97115464	0.9705270
beta3	-1.96796926	2.0149486
beta4	-2.99599996	3.0406519
delta	0.07489743	1.3512743
gama	0.33466798	0.1938547
sigma	0.58333319	1.4211957
lambda	0.12946722	3.0690596
alpha1	0.67003618	NA
alpha2	1.03954198	NA
alpha3	1.92003981	NA

, , 57

	1	2
beta1	-0.66169687	-1.1637559
beta2	-1.03118701	1.0072878
beta3	-2.01200025	2.0055976
beta4	-3.03363700	3.0044813
delta	0.07352527	1.4087607
gama	0.37118656	0.1318141
sigma	0.61367135	1.4547924
lambda	0.12068145	3.8802200
alpha1	0.87043098	NA
alpha2	1.01928526	NA
alpha3	2.20253535	NA

, , 58

	1	2
beta1	-0.7305174	-1.0577064
beta2	-1.0315021	1.0310639
beta3	-2.0002319	2.0339293
beta4	-3.0077838	3.0098006
delta	0.0740765	1.2626152
gama	0.3827518	0.2448269

sigma	0.6230884	1.3561063
lambda	0.1197352	2.5517694
alpha1	0.7113372	NA
alpha2	1.0055328	NA
alpha3	2.0610341	NA

, , 59

	1	2
beta1	-0.82198660	-1.2262747
beta2	-1.00935255	1.0250126
beta3	-2.02195821	1.9883341
beta4	-2.99277973	3.0316300
delta	0.07198349	1.4036778
gama	0.34423941	0.1834318
sigma	0.59111846	1.4675637
lambda	0.12268815	3.2774055
alpha1	0.69652630	NA
alpha2	0.95359219	NA
alpha3	2.11791690	NA

, , 60

	1	2
beta1	-0.94825987	-0.9448239
beta2	-0.99415769	1.0459608
beta3	-2.04163983	1.9770587
beta4	-2.98117738	2.9110962
delta	0.07490291	1.3961552
gama	0.33214287	0.1727547
sigma	0.58116548	1.4567100
lambda	0.12996794	3.3590676
alpha1	0.68106868	NA
alpha2	1.05588773	NA
alpha3	2.20158624	NA

, , 61

	1	2
beta1	-0.78625829	-0.9095451
beta2	-1.00729339	1.0035093
beta3	-2.06139219	2.0235846
beta4	-3.05248559	2.9402587

delta	0.07084527	1.3742986
gama	0.35085971	0.1672392
sigma	0.59655575	1.4338535
lambda	0.11960356	3.3605629
alpha1	0.67956482	NA
alpha2	1.05827672	NA
alpha3	1.94906092	NA

, , 62

	1	2
beta1	-0.58762050	-1.1069300
beta2	-1.07982430	0.9946439
beta3	-2.05290315	1.9811319
beta4	-3.06434382	3.0133946
delta	0.07831422	1.4275494
gama	0.38639741	0.1174035
sigma	0.62652257	1.4680942
lambda	0.12598636	4.1663007
alpha1	0.60276820	NA
alpha2	1.15001285	NA
alpha3	2.11666380	NA

, , 63

	1	2
beta1	-0.81784601	-1.1106977
beta2	-0.98941505	1.0282449
beta3	-1.96273217	2.0791479
beta4	-3.00661052	3.0145055
delta	0.06459798	1.3736541
gama	0.29453258	0.1525764
sigma	0.54653955	1.4281113
lambda	0.11902886	3.5166870
alpha1	0.72389910	NA
alpha2	1.02506876	NA
alpha3	2.04369529	NA

, , 64

	1	2
beta1	-0.88341799	-0.8467281
beta2	-0.99367946	0.9998645

beta3	-1.93048878	1.9610972
beta4	-2.97018062	2.9876880
delta	0.07872708	1.1521360
gama	0.35898316	0.2937981
sigma	0.60430217	1.2732696
lambda	0.13139751	2.1255888
alpha1	0.75312889	NA
alpha2	1.08300889	NA
alpha3	1.83547412	NA

, , 65

	1	2
beta1	-0.79054094	-0.8835339
beta2	-1.02128413	1.0206877
beta3	-2.01578047	2.0050745
beta4	-3.02546390	2.9617671
delta	0.07634525	1.3025332
gama	0.41885039	0.2659279
sigma	0.65167399	1.4009000
lambda	0.11796483	2.5258458
alpha1	0.66005601	NA
alpha2	1.09809044	NA
alpha3	2.09296949	NA

, , 66

	1	2
beta1	-0.66131128	-0.9891687
beta2	-1.02228792	1.0412198
beta3	-2.04061084	1.9865971
beta4	-3.07610687	2.9777727
delta	0.07191947	1.2603439
gama	0.37503061	0.1811256
sigma	0.61660605	1.3302602
lambda	0.11743920	2.9614136
alpha1	0.77342136	NA
alpha2	0.99633040	NA
alpha3	2.12307776	NA

, , 67

	1	2
--	---	---

beta1	-0.87150934	-0.9723565
beta2	-1.02011118	0.9512612
beta3	-1.95020407	1.9742384
beta4	-2.92908520	3.0472835
delta	0.06011541	1.3222083
gama	0.29064621	0.2174067
sigma	0.54245744	1.4020134
lambda	0.11150736	2.8357204
alpha1	0.67408091	NA
alpha2	1.10571754	NA
alpha3	2.03107004	NA

, , 68

	1	2
beta1	-0.40062971	-1.19959149
beta2	-1.08208585	1.00389125
beta3	-2.09673030	1.95347358
beta4	-3.11036055	3.02742571
delta	0.06637675	1.48325364
gama	0.32637122	0.09915589
sigma	0.57513224	1.51631041
lambda	0.11618767	4.71038247
alpha1	0.91929618	NA
alpha2	1.07629994	NA
alpha3	2.03868587	NA

, , 69

	1	2
beta1	-1.1911349	-0.68540359
beta2	0.9899616	-1.02787600
beta3	1.9534186	-1.93848233
beta4	3.0898034	-2.99768942
delta	1.3632761	0.06695205
gama	0.1640169	0.36359509
sigma	1.4221598	0.60669405
lambda	3.3661969	0.11103371
alpha1	-0.4294513	NA
alpha2	-0.9092309	NA
alpha3	-2.1621301	NA

, , 70

	1	2
beta1	-0.78236108	-0.6776206
beta2	-1.01715933	1.0132080
beta3	-1.99337831	2.0034373
beta4	-2.98024491	2.8897327
delta	0.06829847	1.3150513
gama	0.33931879	0.2273877
sigma	0.58650104	1.3988379
lambda	0.11724843	2.7577776
alpha1	0.53884689	NA
alpha2	1.00589034	NA
alpha3	2.03854344	NA

, , 71

	1	2
beta1	-0.65336793	-0.9522621
beta2	-1.02768440	0.9614490
beta3	-2.07123238	1.9679192
beta4	-3.05766342	3.0507474
delta	0.07191146	1.3654810
gama	0.34739196	0.1639240
sigma	0.59377034	1.4242410
lambda	0.12200798	3.3725962
alpha1	0.71901809	NA
alpha2	1.00368706	NA
alpha3	2.19899757	NA

, , 72

	1	2
beta1	-0.79514660	-0.9641342
beta2	-1.02296381	1.0341409
beta3	-1.99724905	2.0564344
beta4	-3.01994121	2.9381787
delta	0.07708019	1.3937527
gama	0.38236717	0.1448653
sigma	0.62314406	1.4447879
lambda	0.12465293	3.6618759
alpha1	0.63619535	NA
alpha2	0.89429781	NA
alpha3	1.82411495	NA

, , 73

	1	2
beta1	-0.79257408	-1.3485376
beta2	-0.99723598	1.0439114
beta3	-2.05291363	2.0428353
beta4	-3.05555985	3.0632524
delta	0.08283717	1.3353220
gama	0.36566268	0.1484887
sigma	0.61034800	1.3898106
lambda	0.13698876	3.4652880
alpha1	0.69419272	NA
alpha2	0.99517677	NA
alpha3	2.00560232	NA

, , 74

	1	2
beta1	-0.8034024	-0.7788862
beta2	-1.0292126	0.9661987
beta3	-2.0258292	1.9624074
beta4	-2.9759883	2.9438442
delta	0.0676911	1.3916952
gama	0.3248564	0.1491923
sigma	0.5739673	1.4443018
lambda	0.1187643	3.6030548
alpha1	0.7584297	NA
alpha2	0.9837861	NA
alpha3	1.7971880	NA

, , 75

	1	2
beta1	-0.81092475	-1.0478362
beta2	-1.02221421	1.0235897
beta3	-2.04393162	1.9558233
beta4	-3.02530003	2.9925792
delta	0.08187158	1.3165465
gama	0.42549504	0.1658571
sigma	0.65741767	1.3780971
lambda	0.12551219	3.2327277
alpha1	0.66645829	NA

alpha2	0.80906884	NA
alpha3	2.09535996	NA

, , 76

	1	2
beta1	-0.81297715	-0.9228961
beta2	-1.01034901	1.0628433
beta3	-1.97317222	1.9744571
beta4	-2.97583919	2.9353180
delta	0.06685255	1.3189992
gama	0.33648191	0.2783025
sigma	0.58391025	1.4205848
lambda	0.11524899	2.5002647
alpha1	0.66540996	NA
alpha2	0.91214426	NA
alpha3	1.70961323	NA

, , 77

	1	2
beta1	-0.72201412	-1.0819211
beta2	-1.01245454	1.0131776
beta3	-1.98087823	1.9505535
beta4	-3.03329746	3.0269076
delta	0.07554805	1.3074143
gama	0.36103065	0.1751814
sigma	0.60558910	1.3727759
lambda	0.12573357	3.1236997
alpha1	0.70722598	NA
alpha2	1.08157091	NA
alpha3	2.15836278	NA

, , 78

	1	2
beta1	-0.85155225	-0.8806637
beta2	-1.00751976	1.0043954
beta3	-1.96152659	2.0305170
beta4	-2.95243096	2.9360568
delta	0.06342521	1.3604578
gama	0.34275784	0.1687298
sigma	0.58888080	1.4211176

lambda	0.10833485	3.3119913
alpha1	0.86800767	NA
alpha2	1.11537680	NA
alpha3	2.13228595	NA

, , 79

	1	2
beta1	-0.82607900	-0.8263547
beta2	-0.98720644	0.9909691
beta3	-1.98750531	2.0095705
beta4	-3.04516570	2.9289887
delta	0.07147938	1.3293980
gama	0.34799647	0.1641126
sigma	0.59422704	1.3897523
lambda	0.12116951	3.2815883
alpha1	0.67106273	NA
alpha2	0.83384815	NA
alpha3	1.97351651	NA

, , 80

	1	2
beta1	-0.79040543	-1.1779475
beta2	-1.02223503	1.0489701
beta3	-1.96847502	1.9706892
beta4	-2.99639039	3.0492526
delta	0.07727548	1.2559035
gama	0.36768159	0.2494356
sigma	0.61127170	1.3515655
lambda	0.12744000	2.5146470
alpha1	0.70045318	NA
alpha2	1.01676762	NA
alpha3	1.95036795	NA

, , 81

	1	2
beta1	-0.97163252	-0.9931692
beta2	-1.01091028	1.0077351
beta3	-1.96437355	1.9725359
beta4	-2.89940039	3.0244076
delta	0.07626622	1.3306471

gama	0.32782761	0.1847060
sigma	0.57761938	1.3983303
lambda	0.13320160	3.0961531
alpha1	0.74660919	NA
alpha2	1.04557055	NA
alpha3	2.08164419	NA

, , 82

	1	2
beta1	-0.84905332	-1.308050
beta2	-0.97869619	1.044793
beta3	-2.02504750	2.036726
beta4	-3.02874600	3.049724
delta	0.06941473	1.488511
gama	0.32783859	0.151825
sigma	0.57676425	1.538665
lambda	0.12123320	3.820149
alpha1	0.77177813	NA
alpha2	1.16252070	NA
alpha3	2.04648341	NA

, , 83

	1	2
beta1	-0.98230747	-0.9112385
beta2	-0.98781240	1.0182483
beta3	-1.93239108	1.9663887
beta4	-2.91684000	2.9758733
delta	0.07481965	1.2385992
gama	0.33946567	0.2889694
sigma	0.58742119	1.3502213
lambda	0.12841559	2.3041190
alpha1	0.62744525	NA
alpha2	0.97842159	NA
alpha3	1.99676154	NA

, , 84

	1	2
beta1	-0.77961401	-1.0324712
beta2	-1.03027378	1.0866536
beta3	-2.05859225	1.9604209

beta4	-2.99229736	2.9341298
delta	0.06593942	1.2884556
gama	0.31663264	0.2148171
sigma	0.56655154	1.3692827
lambda	0.11718372	2.7799373
alpha1	0.89171652	NA
alpha2	1.13695511	NA
alpha3	1.87518206	NA

, , 85

	1	2
beta1	-0.61950116	-1.0884101
beta2	-0.99233785	1.0135771
beta3	-2.06468846	1.9804132
beta4	-3.15125411	3.0124501
delta	0.06679705	1.3332448
gama	0.37898176	0.2423702
sigma	0.61922823	1.4212361
lambda	0.10850460	2.7081349
alpha1	0.72001982	NA
alpha2	1.06182297	NA
alpha3	2.03127333	NA

, , 86

	1	2
beta1	-0.86600420	-0.7458755
beta2	-1.03697514	1.0004310
beta3	-1.99906971	1.9878607
beta4	-2.90569740	2.9074379
delta	0.06515954	1.2649347
gama	0.31382227	0.2798229
sigma	0.56397521	1.3710881
lambda	0.11631512	2.3912584
alpha1	0.66781569	NA
alpha2	1.11263547	NA
alpha3	2.09065610	NA

, , 87

	1	2
beta1	-0.60658513	-1.0192453

beta2	-1.02873468	1.0436111
beta3	-1.97296852	1.9668893
beta4	-3.03646901	2.9829153
delta	0.06376338	1.2627058
gama	0.24581273	0.1787009
sigma	0.49987848	1.3315881
lambda	0.12860834	2.9870249
alpha1	0.80059413	NA
alpha2	1.05391266	NA
alpha3	2.00062272	NA

, , 88

	1	2
beta1	-0.44304849	-1.1004029
beta2	-1.09416927	0.9785058
beta3	-2.03415949	1.9813495
beta4	-3.08469454	3.0423192
delta	0.06688553	1.4073599
gama	0.33161276	0.2106372
sigma	0.57972962	1.4803037
lambda	0.11614929	3.0664626
alpha1	0.64675196	NA
alpha2	0.97657927	NA
alpha3	2.12676098	NA

, , 89

	1	2
beta1	-0.75192823	-1.0587421
beta2	-0.98384663	1.0624148
beta3	-1.99234943	1.9768182
beta4	-3.03081070	2.9863239
delta	0.06377284	1.2779321
gama	0.30401732	0.2137897
sigma	0.55505342	1.3590070
lambda	0.11566090	2.7638497
alpha1	0.62770373	NA
alpha2	1.05191886	NA
alpha3	2.08933408	NA

, , 90

	1	2
beta1	-1.09256398	-0.8645328
beta2	-0.94633122	1.0287976
beta3	-2.03949050	1.9914782
beta4	-2.95382643	2.9147652
delta	0.07014718	1.3429218
gama	0.38214761	0.2205448
sigma	0.62214808	1.4226678
lambda	0.11347356	2.8595805
alpha1	0.70207466	NA
alpha2	0.98863648	NA
alpha3	2.01188780	NA

, , 91

	1	2
beta1	-0.8672300	-1.0502551
beta2	-1.0096696	0.9962317
beta3	-2.0803455	2.0374590
beta4	-2.9831935	3.0439483
delta	0.0758640	1.2496330
gama	0.3269783	0.2112746
sigma	0.5768307	1.3314869
lambda	0.1326711	2.7186846
alpha1	0.7373547	NA
alpha2	0.9351896	NA
alpha3	2.0088782	NA

, , 92

	1	2
beta1	-0.89548651	-0.8581875
beta2	-0.97000890	0.9523181
beta3	-2.02341302	2.0593273
beta4	-3.03951851	3.0178099
delta	0.07494364	1.3260764
gama	0.33829632	0.1849726
sigma	0.58644085	1.3940772
lambda	0.12885052	3.0832935
alpha1	0.69282742	NA
alpha2	0.98804796	NA
alpha3	2.18985093	NA

, , 93

	1	2
beta1	-0.75718413	-1.1499788
beta2	-1.00643004	1.0264642
beta3	-1.96040753	1.9883913
beta4	-3.04798306	2.9841748
delta	0.07417273	1.4928452
gama	0.38789900	0.1365213
sigma	0.62721654	1.5378908
lambda	0.11909264	4.0403090
alpha1	0.66465931	NA
alpha2	1.02427321	NA
alpha3	1.76299163	NA

, , 94

	1	2
beta1	-0.96480954	-0.9087732
beta2	-0.96834444	1.0467589
beta3	-2.07865984	1.9713558
beta4	-2.98935572	2.9258054
delta	0.07251389	1.2954920
gama	0.34434081	0.2195110
sigma	0.59126904	1.3776104
lambda	0.12357396	2.7650730
alpha1	0.70857191	NA
alpha2	1.03194154	NA
alpha3	1.98453979	NA

, , 95

	1	2
beta1	-0.97586987	-0.7112085
beta2	-0.98188767	0.9607262
beta3	-1.99245917	2.0343106
beta4	-2.93525454	2.9767411
delta	0.07048982	1.2316839
gama	0.32241820	0.2714421
sigma	0.57217743	1.3373433
lambda	0.12414140	2.3640719
alpha1	0.82063148	NA
alpha2	1.15130431	NA

alpha3 2.07291231 NA

, , 96

	1	2
beta1	-0.8742471	-1.0962334
beta2	-1.0224103	0.9959810
beta3	-1.9796303	2.0053348
beta4	-2.9273122	3.0476158
delta	0.0693291	1.3747460
gama	0.3429705	0.1741232
sigma	0.5897262	1.4366802
lambda	0.1183824	3.2945351
alpha1	0.6158902	NA
alpha2	0.9329804	NA
alpha3	2.0341330	NA

, , 97

	1	2
beta1	-1.02629400	-0.9554403
beta2	-0.97797276	1.0076276
beta3	-1.95581246	1.9998901
beta4	-2.92805185	2.9718476
delta	0.06946295	1.4069684
gama	0.35791583	0.1555662
sigma	0.60227978	1.4612071
lambda	0.11610818	3.5671944
alpha1	0.73607181	NA
alpha2	1.09631049	NA
alpha3	2.17257574	NA

, , 98

	1	2
beta1	-0.80251563	-1.0448037
beta2	-0.97996078	1.0220547
beta3	-1.99432974	1.9838854
beta4	-3.05826033	3.0198088
delta	0.08074142	1.2767195
gama	0.39527655	0.2584477
sigma	0.63387359	1.3742126
lambda	0.12842390	2.5113611

alpha1	0.53020343	NA
alpha2	1.02845432	NA
alpha3	1.93652119	NA

, , 99

	1	2
beta1	-1.07325144	-0.8577585
beta2	-0.99260094	0.9699399
beta3	-1.97277360	1.9990052
beta4	-2.89147404	2.9787084
delta	0.07283711	1.3755468
gama	0.31805180	0.1514969
sigma	0.56864492	1.4295545
lambda	0.12915278	3.5340563
alpha1	0.70236557	NA
alpha2	0.99447441	NA
alpha3	1.99820063	NA

, , 100

	1	2
beta1	-1.04383744	-1.0405100
beta2	-0.98141832	0.9946742
beta3	-1.95501024	1.9553334
beta4	-2.88994943	3.0073006
delta	0.07227011	1.3683593
gama	0.30550731	0.1790321
sigma	0.55743186	1.4322846
lambda	0.13075187	3.2339603
alpha1	0.54389893	NA
alpha2	0.74335749	NA
alpha3	1.87939370	NA

\$`n = 500`

\$`n = 500`\$`cen = 0`

\$`n = 500`\$`cen = 0`[[1]]

	1	2
beta1	0.20157649	-0.9535303
beta2	-1.03105667	0.9996200
beta3	-1.99658844	2.0103221

beta4	-3.02844802	3.0168512
delta	-0.97622697	1.2183282
gama	0.01832436	0.2133384
sigma	0.98556758	1.3029435
lambda	-7.21167979	2.6377266
alpha1	0.82905164	NA
alpha2	1.17095042	NA
alpha3	1.97027563	NA

\$`n = 500`\$`cen = 0`[[2]]

	1	2
beta1	-0.19866825	-1.0864843
beta2	-0.96602768	1.0227879
beta3	-2.03154814	2.0726587
beta4	-2.95454943	2.9929970
delta	-0.92418333	1.3427066
gama	0.02984605	0.2098573
sigma	0.94019193	1.4187030
lambda	-5.34951817	2.9310216
alpha1	0.72653559	NA
alpha2	1.00266119	NA
alpha3	2.37054049	NA

\$`n = 500`\$`cen = 0`[[3]]

	1	2
beta1	0.12321903	-1.4790055
beta2	-0.99698797	1.0511784
beta3	-2.03181173	1.9253270
beta4	-3.04651269	3.1349662
delta	-1.00451233	1.3505973
gama	0.02584636	0.1244938
sigma	1.01729612	1.3959251
lambda	-6.24820928	3.8278249
alpha1	0.65379533	NA
alpha2	0.96066831	NA
alpha3	1.80359279	NA

\$`n = 500`\$`cen = 0`[[4]]

	1	2
beta1	-0.010371102	-0.9217103
beta2	-0.968193687	1.0352326
beta3	-2.024821850	1.9639404
beta4	-2.996347951	2.9752747

delta	-1.071557385	1.2539892
gama	0.009721527	0.2134894
sigma	1.076083992	1.3364050
lambda	-10.867963824	2.7139736
alpha1	0.740407398	NA
alpha2	0.985058019	NA
alpha3	1.789739499	NA

\$`n = 500`\$`cen = 0`[[5]]

	1	2
beta1	0.08699724	-0.8914929
beta2	-1.04824400	0.9912134
beta3	-1.99956621	2.0073748
beta4	-2.99151116	2.9798575
delta	-0.94856937	1.2292082
gama	0.04179937	0.1836922
sigma	0.97035211	1.3017853
lambda	-4.63963958	2.8680064
alpha1	0.81749249	NA
alpha2	1.10425241	NA
alpha3	2.53610961	NA

\$`n = 500`\$`cen = 0`[[6]]

	1	2
beta1	0.01825698	-1.2859164
beta2	-0.99081551	1.0106990
beta3	-1.98583386	2.0533244
beta4	-3.01534437	3.0762962
delta	-0.99897797	1.4020367
gama	0.03171973	0.1065659
sigma	1.01472988	1.4395391
lambda	-5.60907363	4.2948732
alpha1	0.78242988	NA
alpha2	1.13534475	NA
alpha3	2.29735617	NA

\$`n = 500`\$`cen = 0`[[7]]

	1	2
beta1	-0.01899630	-1.0673828
beta2	-1.01490802	0.9622219
beta3	-2.03830781	2.0049870
beta4	-2.95468202	3.0711278
delta	-1.04292764	1.3426876

gama	0.02973806	0.2111489
sigma	1.05708851	1.4191402
lambda	-6.04780646	2.9220025
alpha1	0.74972619	NA
alpha2	0.84570420	NA
alpha3	2.02900259	NA

\$`n = 500`\$`cen = 0`[[8]]

	1	2
beta1	0.13956083	-1.1062266
beta2	-0.97161813	0.9989459
beta3	-1.97653030	1.9820095
beta4	-3.07340429	3.0426245
delta	-1.06172167	1.2502845
gama	0.02801749	0.1965495
sigma	1.07483505	1.3265598
lambda	-6.34302030	2.8201541
alpha1	0.83189716	NA
alpha2	0.98143222	NA
alpha3	1.99354173	NA

\$`n = 500`\$`cen = 0`[[9]]

	1	2
beta1	-0.1354667	-0.8311901
beta2	-0.9934067	0.9137709
beta3	-2.0362931	1.9471962
beta4	-2.9564892	2.9722178
delta	-0.9859611	1.4387093
gama	0.0387508	0.1542884
sigma	1.0054203	1.4913661
lambda	-5.0086358	3.6627422
alpha1	0.9043377	NA
alpha2	1.1691201	NA
alpha3	1.8283126	NA

\$`n = 500`\$`cen = 0`[[10]]

	1	2
beta1	0.06492764	-0.5887455
beta2	-1.02896967	0.9604707
beta3	-2.01051969	2.0068018
beta4	-2.96788400	2.9670573
delta	-0.97391787	1.0510606
gama	0.03205185	0.4306498

sigma	0.99023626	1.2391037
lambda	-5.43996077	1.6016427
alpha1	0.76414729	NA
alpha2	0.99934021	NA
alpha3	1.97808431	NA

\$`n = 500`\$`cen = 0`[[11]]

	1	2
beta1	0.02150099	-1.2350609
beta2	-1.04586330	0.9791434
beta3	-2.00036600	1.9721270
beta4	-2.98616412	3.1211368
delta	-0.87508218	1.2720864
gama	0.05541675	0.2327306
sigma	0.90619290	1.3604905
lambda	-3.71730609	2.6368770
alpha1	0.88020296	NA
alpha2	0.75611902	NA
alpha3	2.17717141	NA

\$`n = 500`\$`cen = 0`[[12]]

	1	2
beta1	-0.01671217	-1.3781655
beta2	-1.00866892	1.0792779
beta3	-1.99605586	2.0004323
beta4	-2.96631560	3.0497761
delta	-0.98130471	1.3637068
gama	0.05583717	0.1407949
sigma	1.00935430	1.4143872
lambda	-4.15281122	3.6343566
alpha1	0.70848246	NA
alpha2	0.87138848	NA
alpha3	2.17247629	NA

\$`n = 500`\$`cen = 0`[[13]]

	1	2
beta1	0.11282506	-0.5366411
beta2	-1.01656566	0.9321085
beta3	-1.96751804	1.9931617
beta4	-3.03740011	2.9312487
delta	-0.90370242	1.1965169
gama	0.05444066	0.2381515
sigma	0.93333741	1.2922090

lambda	-3.87314483	2.4518402
alpha1	0.61233477	NA
alpha2	1.03006740	NA
alpha3	2.05407574	NA

\$`n = 500`\$`cen = 0`[[14]]

	1	2
beta1	0.18290030	-0.6660623
beta2	-0.99837513	0.9240875
beta3	-2.02715895	2.0471590
beta4	-3.04301173	2.9808093
delta	-1.05644956	1.3134778
gama	0.01480634	0.1670855
sigma	1.06343406	1.3756124
lambda	-8.68210393	3.2133154
alpha1	0.62633864	NA
alpha2	0.97705240	NA
alpha3	1.78833349	NA

\$`n = 500`\$`cen = 0`[[15]]

	1	2
beta1	0.02015969	-1.0132081
beta2	-0.98441795	1.0505845
beta3	-2.00888048	2.0434172
beta4	-3.04113546	2.9366214
delta	-0.96837131	1.4442528
gama	0.02014588	0.1432076
sigma	0.97871797	1.4930082
lambda	-6.82258241	3.8164558
alpha1	0.66704823	NA
alpha2	0.90900810	NA
alpha3	1.84320931	NA

\$`n = 500`\$`cen = 0`[[16]]

	1	2
beta1	-0.12894000	-0.7811593
beta2	-0.96961968	1.0143991
beta3	-1.95983164	2.0233998
beta4	-2.97201878	2.9167156
delta	-1.02991931	1.2416939
gama	0.01504891	0.2253527
sigma	1.03719945	1.3293443
lambda	-8.39557983	2.6156713

alpha1	0.71636572	NA
alpha2	1.19384817	NA
alpha3	1.91783207	NA

\$`n = 500`\$`cen = 0`[[17]]

	1	2
beta1	-0.20079609	-1.0588470
beta2	-0.96419029	1.0004917
beta3	-1.97473333	2.0192582
beta4	-2.99231071	2.9921361
delta	-0.81798497	1.4304259
gama	0.04805969	0.1706703
sigma	0.84685247	1.4888884
lambda	-3.73125407	3.4624729
alpha1	0.58218030	NA
alpha2	1.01669191	NA
alpha3	2.13403406	NA

\$`n = 500`\$`cen = 0`[[18]]

	1	2
beta1	-0.02847186	-1.1751134
beta2	-1.02832412	1.0391476
beta3	-1.97732209	1.9763754
beta4	-2.96766987	2.9835158
delta	-0.91543473	1.3605418
gama	0.02752223	0.1696401
sigma	0.93034562	1.4215183
lambda	-5.51804887	3.3032967
alpha1	0.85528193	NA
alpha2	1.09779732	NA
alpha3	2.16743230	NA

\$`n = 500`\$`cen = 0`[[19]]

	1	2
beta1	0.09700441	-0.9521357
beta2	-1.03358204	1.0284725
beta3	-2.01788861	2.0251894
beta4	-2.99351553	2.9052111
delta	-1.00115584	1.4203784
gama	0.03133244	0.1881573
sigma	1.01668356	1.4851371
lambda	-5.65593702	3.2744893
alpha1	0.84468344	NA

alpha2	1.16542058	NA
alpha3	2.08029665	NA

\$`n = 500`\$`cen = 0`[[20]]

	1	2
beta1	-0.11115387	-1.4134150
beta2	-0.97925732	1.0737929
beta3	-2.01368234	1.9814378
beta4	-2.98344680	3.1571655
delta	-0.95647904	1.0995227
gama	0.02720442	0.3278474
sigma	0.97059599	1.2396764
lambda	-5.79903527	1.9202967
alpha1	0.74090884	NA
alpha2	1.13295985	NA
alpha3	2.07126641	NA

\$`n = 500`\$`cen = 0`[[21]]

	1	2
beta1	0.01987088	-1.0172086
beta2	-1.01750695	1.0086542
beta3	-1.99810819	2.0402254
beta4	-2.97283042	3.0173022
delta	-0.98070218	1.3144257
gama	0.01986469	0.2275916
sigma	0.99077821	1.3983227
lambda	-6.95818961	2.7552303
alpha1	0.86077393	NA
alpha2	1.15295284	NA
alpha3	2.33399501	NA

\$`n = 500`\$`cen = 0`[[22]]

NULL

\$`n = 500`\$`cen = 0`[[23]]

	1	2
beta1	0.25212252	-0.9916781
beta2	-1.03457967	0.9901442
beta3	-2.00168107	1.9843569
beta4	-3.07088230	2.9893411
delta	-1.02157297	1.2582624
gama	0.04931549	0.2220990
sigma	1.04543141	1.3436232

lambda	-4.60021068	2.6699180
alpha1	0.93392782	NA
alpha2	1.41205683	NA
alpha3	1.92376549	NA

\$`n = 500`\$`cen = 0`[[24]]

	1	2
beta1	0.05846588	-0.7400928
beta2	-1.01402077	0.9459579
beta3	-2.00468570	2.0274033
beta4	-3.02063073	2.9923053
delta	-1.00688593	1.0892421
gama	0.03627001	0.1963556
sigma	1.02473864	1.1759268
lambda	-5.28696484	2.4581186
alpha1	0.98770004	NA
alpha2	1.44248374	NA
alpha3	2.27638979	NA

\$`n = 500`\$`cen = 0`[[25]]

	1	2
beta1	-0.09687849	-1.2225920
beta2	-0.96155313	1.0354173
beta3	-1.96797180	2.0804927
beta4	-3.00220933	2.9858087
delta	-1.07432695	1.3672141
gama	0.02293452	0.1009815
sigma	1.08494835	1.4036580
lambda	-7.09400775	4.3024484
alpha1	0.57886531	NA
alpha2	0.69078064	NA
alpha3	1.71690177	NA

\$`n = 500`\$`cen = 0`[[26]]

	1	2
beta1	-0.03469992	-1.1318827
beta2	-0.97041957	0.9830551
beta3	-2.01709235	2.0609296
beta4	-3.01510827	3.0184380
delta	-1.05628738	1.4697337
gama	0.01625578	0.1360574
sigma	1.06395433	1.5153134
lambda	-8.28472621	3.9845344

alpha1	0.78623368	NA
alpha2	0.95998846	NA
alpha3	1.85876768	NA

\$`n = 500`\$`cen = 0`[[27]]

	1	2
beta1	-1.2623577	-0.05640841
beta2	1.0182658	-0.97840832
beta3	2.1415975	-2.00072130
beta4	3.0651684	-3.01378688
delta	1.2938871	-0.97100661
gama	0.1095733	0.03480630
sigma	1.3355587	0.98876698
lambda	3.9088059	-5.20467072
alpha1	-0.4902685	NA
alpha2	-0.9290232	NA
alpha3	-1.8024162	NA

\$`n = 500`\$`cen = 0`[[28]]

	1	2
beta1	0.06886181	-1.2224262
beta2	-1.02661244	0.9957377
beta3	-1.99074321	1.9601287
beta4	-3.00757036	3.0749693
delta	-0.97390749	1.4358346
gama	0.04604657	0.1125807
sigma	0.99726745	1.4745175
lambda	-4.53857043	4.2792979
alpha1	0.67690554	NA
alpha2	0.97815498	NA
alpha3	2.26212627	NA

\$`n = 500`\$`cen = 0`[[29]]

	1	2
beta1	-0.06750427	-0.8339735
beta2	-1.01827619	0.9991593
beta3	-2.02782701	1.9891467
beta4	-2.95354170	2.9387251
delta	-0.97008306	1.3627532
gama	0.02621622	0.2180200
sigma	0.98350260	1.4405264
lambda	-5.99133887	2.9185630
alpha1	0.55854575	NA

alpha2	0.78437749	NA
alpha3	2.12678761	NA

\$`n = 500`\$`cen = 0`[[30]]

	1	2
beta1	0.14295973	-0.9200915
beta2	-1.02397372	1.0160973
beta3	-2.01448523	1.9924034
beta4	-3.00339181	2.9984332
delta	-0.95408472	1.2844948
gama	0.02629316	0.2267335
sigma	0.96776589	1.3699125
lambda	-5.88390381	2.6975813
alpha1	0.63364942	NA
alpha2	0.98657187	NA
alpha3	1.92790946	NA

\$`n = 500`\$`cen = 0`[[31]]

	1	2
beta1	-0.04944422	-0.7800110
beta2	-0.99086100	0.9966917
beta3	-1.98145596	1.9339019
beta4	-3.01731704	2.9321155
delta	-0.94384518	1.2092287
gama	0.08436544	0.1656663
sigma	0.98752679	1.2758920
lambda	-3.24951443	2.9709225
alpha1	0.85892395	NA
alpha2	1.23538829	NA
alpha3	2.17963166	NA

\$`n = 500`\$`cen = 0`[[32]]

	1	2
beta1	-0.11120342	-1.1026014
beta2	-1.01477866	0.8866554
beta3	-2.01451571	2.0298924
beta4	-2.94599155	3.1105036
delta	-1.01364122	1.5464798
gama	0.03443644	0.1418462
sigma	1.03048773	1.5916802
lambda	-5.46229495	4.1061559
alpha1	0.70609784	NA
alpha2	1.00828142	NA

alpha3 1.75935657 NA

\$`n = 500`\$`cen = 0`[[33]]

	1	2
beta1	-0.03039214	-0.9864380
beta2	-0.99160684	1.0420856
beta3	-2.04427976	2.0109523
beta4	-2.98104158	2.9565542
delta	-1.03760123	1.2434043
gama	0.02500473	0.1601101
sigma	1.04958137	1.3062023
lambda	-6.56174578	3.1074415
alpha1	0.59734314	NA
alpha2	1.01787805	NA
alpha3	2.14543218	NA

\$`n = 500`\$`cen = 0`[[34]]

	1	2
beta1	-0.04890636	-0.8846463
beta2	-0.99328015	0.9780955
beta3	-2.01658863	2.0299634
beta4	-2.97174517	2.9982255
delta	-0.97809985	1.2524480
gama	0.04181937	0.2091853
sigma	0.99924906	1.3333459
lambda	-4.78293493	2.7383824
alpha1	0.86352253	NA
alpha2	0.96601415	NA
alpha3	1.87895257	NA

\$`n = 500`\$`cen = 0`[[35]]

	1	2
beta1	0.17279635	-1.5166101
beta2	-1.03399164	1.0490099
beta3	-2.00749983	2.0326102
beta4	-3.02156344	3.1369344
delta	-0.98309655	1.2271250
gama	0.03966228	0.2187968
sigma	1.00306586	1.3132527
lambda	-4.93636549	2.6234227
alpha1	0.82970053	NA
alpha2	1.11168142	NA
alpha3	2.24781420	NA

```
$`n = 500`$`cen = 0`[[36]]
      1      2
beta1 -0.14552167 -1.2818052
beta2 -0.98942232  0.9411555
beta3 -1.98865864  1.9558468
beta4 -2.98387715  3.0899969
delta -0.85491210  1.5103297
gama   0.06824888  0.1371848
sigma  0.89393712  1.5550822
lambda -3.27245518  4.0777333
alpha1  0.55810770      NA
alpha2  0.91818173      NA
alpha3  1.90892100      NA
```

```
$`n = 500`$`cen = 0`[[37]]
      1      2
beta1 -0.26130612 -0.9036445
beta2 -0.95454232  0.9228411
beta3 -2.00789719  1.9658203
beta4 -2.94093192  2.9842571
delta -1.00050792  1.6219495
gama   0.01914972  0.1484832
sigma  1.01003258  1.6670943
lambda -7.23001656  4.2091915
alpha1  0.85666906      NA
alpha2  0.99316310      NA
alpha3  2.11027355      NA
```

```
$`n = 500`$`cen = 0`[[38]]
      1      2
beta1 -0.05879451 -1.0023310
beta2 -0.99741537  0.9543304
beta3 -2.02919835  1.9557199
beta4 -2.98909424  3.0643886
delta -1.04849535  1.4968790
gama   0.04607943  0.1311990
sigma  1.07024387  1.5400798
lambda -4.88441929  4.1325813
alpha1  0.72606312      NA
alpha2  0.84432200      NA
alpha3  2.01029391      NA
```

```
$`n = 500`$`cen = 0`[[39]]
      1      2
beta1 -0.08032815 -0.7035757
beta2 -0.96845661  0.9988368
beta3 -1.95323373  1.9635382
beta4 -3.03044658  2.8901832
delta -0.92475138  1.2969234
gama  0.06353407  0.1620244
sigma  0.95848797  1.3579524
lambda -3.66877980  3.2219892
alpha1  0.70577040      NA
alpha2  1.27076477      NA
alpha3  2.35150335      NA
```

```
$`n = 500`$`cen = 0`[[40]]
      1      2
beta1 -0.12459641 -1.5460537
beta2 -1.01245585  1.0554532
beta3 -2.01641608  1.9502134
beta4 -2.94815862  3.1226957
delta -0.95387808  1.2803762
gama  0.04926469  0.2026884
sigma  0.97936106  1.3572220
lambda -4.29759027  2.8439580
alpha1  0.80503141      NA
alpha2  1.25711427      NA
alpha3  2.29886928      NA
```

```
$`n = 500`$`cen = 0`[[41]]
      1      2
beta1  0.28731720 -1.5286729
beta2 -1.04075726  1.1325836
beta3 -1.97543567  1.9435551
beta4 -3.01618445  3.0059344
delta -1.07013224  1.4615683
gama  0.01198676  0.2146567
sigma  1.07571826  1.5332444
lambda -9.77432176  3.1546186
alpha1  0.82283296      NA
alpha2  1.12238601      NA
alpha3  1.99662028      NA
```

```
$`n = 500`$`cen = 0`[[42]]
```

	1	2
beta1	0.02158733	-0.4512963
beta2	-1.02695332	0.9263683
beta3	-1.97999765	1.9517793
beta4	-2.97930083	2.9176116
delta	-1.05945887	1.2244196
gama	0.02042428	0.1943083
sigma	1.06905443	1.3013499
lambda	-7.41328625	2.7776950
alpha1	0.81224815	NA
alpha2	0.99328118	NA
alpha3	1.73890152	NA

\$`n = 500`\$`cen = 0`[[43]]

	1	2
beta1	0.003825765	-0.9911382
beta2	-0.992384827	1.0309182
beta3	-2.017345105	1.9897713
beta4	-2.990044074	2.9200299
delta	-1.094806810	1.3265735
gama	0.012945202	0.1708619
sigma	1.100703027	1.3894816
lambda	-9.622392488	3.2092876
alpha1	0.434008217	NA
alpha2	0.898591949	NA
alpha3	1.720611161	NA

\$`n = 500`\$`cen = 0`[[44]]

	1	2
beta1	-0.06341539	-1.0201830
beta2	-1.00251299	1.0009135
beta3	-2.00923971	1.8904484
beta4	-2.97397304	3.0354029
delta	-0.96093199	1.2926963
gama	0.03901868	0.3494558
sigma	0.98102445	1.4214498
lambda	-4.86470322	2.1867564
alpha1	0.69078461	NA
alpha2	0.83264624	NA
alpha3	1.94602376	NA

\$`n = 500`\$`cen = 0`[[45]]

	1	2
--	---	---

beta1	-0.08222316	-0.9898931
beta2	-0.95033316	0.9719164
beta3	-2.00517008	2.0464809
beta4	-3.04974091	3.0027824
delta	-0.91876427	1.2649822
gama	0.04707390	0.1391560
sigma	0.94403479	1.3188389
lambda	-4.23461586	3.3910447
alpha1	0.81656792	NA
alpha2	1.00299536	NA
alpha3	2.15055709	NA

\$`n = 500`\$`cen = 0`[[46]]

	1	2
beta1	0.25160544	-1.34378167
beta2	-1.05434084	1.02890086
beta3	-2.02893108	1.94777790
beta4	-3.01916909	3.06800618
delta	-1.01093537	1.40992256
gama	0.02257571	0.09549159
sigma	1.02204013	1.44338949
lambda	-6.72825842	4.56260324
alpha1	0.65125504	NA
alpha2	0.88682563	NA
alpha3	1.73004505	NA

\$`n = 500`\$`cen = 0`[[47]]

	1	2
beta1	-0.16144535	-0.8778967
beta2	-0.97787073	1.0150392
beta3	-1.99982524	1.9635106
beta4	-2.96321026	3.0264154
delta	-0.99348636	1.0805944
gama	0.03950549	0.2298119
sigma	1.01317354	1.1821574
lambda	-4.99842515	2.2541169
alpha1	0.63925612	NA
alpha2	1.09127670	NA
alpha3	2.24937036	NA

\$`n = 500`\$`cen = 0`[[48]]

	1	2
beta1	-0.13804348	-0.9219444

beta2	-0.99987259	1.0107039
beta3	-2.02022917	1.9783250
beta4	-2.93793378	3.0809372
delta	-0.99037271	1.0223633
gama	0.02552547	0.4671809
sigma	1.00317674	1.2297999
lambda	-6.19885950	1.4957627
alpha1	0.76930698	NA
alpha2	1.02285609	NA
alpha3	2.10068608	NA

\$`n = 500`\$`cen = 0`[[49]]

	1	2
beta1	0.15912790	-0.5882914
beta2	-1.02226944	0.8604898
beta3	-2.00438829	2.0572159
beta4	-3.02511907	3.0024553
delta	-1.02258506	1.4615436
gama	0.03975235	0.1327232
sigma	1.04184094	1.5062646
lambda	-5.12882686	4.0117908
alpha1	0.98939919	NA
alpha2	1.45482771	NA
alpha3	2.59821398	NA

\$`n = 500`\$`cen = 0`[[50]]

	1	2
beta1	-0.05173732	-1.1858531
beta2	-0.96612932	1.0537222
beta3	-1.99572967	2.0100421
beta4	-2.98471911	3.0271120
delta	-1.05052717	1.3436678
gama	0.01171810	0.1790977
sigma	1.05608969	1.4087373
lambda	-9.70462314	3.1750228
alpha1	0.70355381	NA
alpha2	1.02125876	NA
alpha3	2.02313619	NA

\$`n = 500`\$`cen = 0`[[51]]

	1	2
beta1	0.202594871	-0.7423078
beta2	-1.010661619	0.9401346

beta3	-2.022631123	1.9409212
beta4	-3.041385849	2.9763735
delta	-1.096344969	1.3313851
gama	0.003899168	0.1567955
sigma	1.098121787	1.3890219
lambda	-17.557441474	3.3623038
alpha1	0.855261226	NA
alpha2	1.187807161	NA
alpha3	1.958369938	NA

\$`n = 500`\$`cen = 0`[[52]]

	1	2
beta1	-0.02975540	-1.0656659
beta2	-0.99893488	0.9539625
beta3	-1.96280897	2.0865739
beta4	-3.01631010	3.0525438
delta	-0.97872382	1.3043636
gama	0.04019726	0.1425975
sigma	0.99904833	1.3579256
lambda	-4.88159693	3.4541615
alpha1	0.69434651	NA
alpha2	0.95571071	NA
alpha3	1.98987151	NA

\$`n = 500`\$`cen = 0`[[53]]

	1	2
beta1	-0.01433678	-0.9862901
beta2	-0.97847951	1.0193395
beta3	-2.02332249	2.0868732
beta4	-3.00343528	3.0401152
delta	-0.98544123	1.1477095
gama	0.03042024	0.3289412
sigma	1.00075704	1.2830348
lambda	-5.65001282	2.0011187
alpha1	0.84041714	NA
alpha2	0.95435479	NA
alpha3	1.88294526	NA

\$`n = 500`\$`cen = 0`[[54]]

	1	2
beta1	-0.14986392	-1.041963
beta2	-0.97320761	1.052208
beta3	-1.98367706	2.015738

beta4	-3.03405337	2.971343
delta	-0.79700441	1.417210
gama	0.06335571	0.276136
sigma	0.83580604	1.511496
lambda	-3.16641500	2.696948
alpha1	0.58498144	NA
alpha2	1.04737662	NA
alpha3	2.00138551	NA

\$`n = 500`\$`cen = 0`[[55]]

	1	2
beta1	0.06865277	-0.8174886
beta2	-1.05105344	1.0137363
beta3	-2.01342932	2.0043435
beta4	-2.94751272	2.9519739
delta	-1.06353229	1.1803645
gama	0.02576159	0.2732068
sigma	1.07557544	1.2909172
lambda	-6.62619743	2.2582416
alpha1	0.69018791	NA
alpha2	1.27589898	NA
alpha3	2.24351575	NA

\$`n = 500`\$`cen = 0`[[56]]

	1	2
beta1	-0.08489474	-1.2221748
beta2	-0.99401959	1.0328052
beta3	-1.96606292	2.0678571
beta4	-2.95667609	3.0026452
delta	-0.99743320	1.4849575
gama	0.04336452	0.1260986
sigma	1.01893940	1.5268259
lambda	-4.78979080	4.1817577
alpha1	0.71389229	NA
alpha2	0.95617289	NA
alpha3	2.12534970	NA

\$`n = 500`\$`cen = 0`[[57]]

	1	2
beta1	-0.33308341	-0.6830103
beta2	-0.97560300	0.9292633
beta3	-1.99910327	2.0172803
beta4	-2.93683585	2.9480170

delta	-0.86435266	1.4010451
gama	0.08341429	0.1883180
sigma	0.91132859	1.4667124
lambda	-2.99275205	3.2285404
alpha1	0.59752766	NA
alpha2	0.96265266	NA
alpha3	1.92347461	NA

\$`n = 500`\$`cen = 0`[[58]]

	1	2
beta1	0.03039714	-0.8012095
beta2	-1.00421064	1.0012991
beta3	-2.00524484	1.9893109
beta4	-3.02288870	2.9689824
delta	-0.90451011	1.1338238
gama	0.03115391	0.2379529
sigma	0.92157064	1.2343052
lambda	-5.12456685	2.3243423
alpha1	0.90879781	NA
alpha2	0.99859953	NA
alpha3	1.85108210	NA

\$`n = 500`\$`cen = 0`[[59]]

	1	2
beta1	0.16713257	-0.8633937
beta2	-1.03085434	1.0466882
beta3	-2.00731448	1.9812090
beta4	-2.99162878	2.8586138
delta	-1.13073378	1.3761478
gama	0.00239372	0.1855425
sigma	1.13179176	1.4419865
lambda	-23.11126216	3.1947981
alpha1	0.94549181	NA
alpha2	1.27362382	NA
alpha3	2.27824311	NA

\$`n = 500`\$`cen = 0`[[60]]

	1	2
beta1	0.06952693	-1.0708513
beta2	-0.99219494	0.9983163
beta3	-1.98631776	1.8789205
beta4	-3.03241359	3.0127298
delta	-1.00973978	1.4314641

gama	0.04573626	0.1369502
sigma	1.03213889	1.4785262
lambda	-4.72149097	3.8681133
alpha1	0.73750820	NA
alpha2	1.04771747	NA
alpha3	2.13137309	NA

\$`n = 500`\$`cen = 0`[[61]]

	1	2
beta1	-0.004027561	-1.0487755
beta2	-0.988723843	1.0039911
beta3	-1.994837316	1.8909114
beta4	-3.019816084	3.0499131
delta	-0.936307944	1.3509001
gama	0.047687278	0.2203284
sigma	0.961436344	1.4301257
lambda	-4.287631392	2.8779814
alpha1	0.688323597	NA
alpha2	0.980719371	NA
alpha3	1.958389116	NA

\$`n = 500`\$`cen = 0`[[62]]

	1	2
beta1	0.14689485	-0.8594268
beta2	-1.00450890	0.9322758
beta3	-2.05128891	1.9956175
beta4	-3.01891835	3.0267268
delta	-1.01810090	1.3471375
gama	0.03670233	0.1763102
sigma	1.03596900	1.4110597
lambda	-5.31427451	3.2082869
alpha1	0.78842109	NA
alpha2	0.97746461	NA
alpha3	2.09478847	NA

\$`n = 500`\$`cen = 0`[[63]]

	1	2
beta1	0.13212885	-0.8680669
beta2	-0.97589761	0.9729883
beta3	-1.96932677	1.8861645
beta4	-3.04961380	2.9760185
delta	-1.03704523	1.3435868
gama	0.01671062	0.1838385

sigma	1.04507102	1.4103418
lambda	-8.02234601	3.1336285
alpha1	0.64210077	NA
alpha2	0.79159298	NA
alpha3	1.72884334	NA

\$`n = 500`\$`cen = 0`[[64]]

	1	2
beta1	-0.04387411	-1.347601
beta2	-0.97374324	1.012878
beta3	-1.97807991	2.014505
beta4	-2.99842634	3.106164
delta	-0.96406000	1.387877
gama	0.05192652	0.173781
sigma	0.99062516	1.449132
lambda	-4.23067308	3.329276
alpha1	0.81786534	NA
alpha2	1.21006194	NA
alpha3	2.08183417	NA

\$`n = 500`\$`cen = 0`[[65]]

	1	2
beta1	0.17080851	-0.6941726
beta2	-1.05307083	0.9581193
beta3	-2.02277919	1.9343457
beta4	-3.01370582	2.9012282
delta	-0.92012991	1.2818627
gama	0.04439808	0.1775130
sigma	0.94394763	1.3493276
lambda	-4.36683755	3.0424705
alpha1	0.65327669	NA
alpha2	0.88363036	NA
alpha3	1.69125874	NA

\$`n = 500`\$`cen = 0`[[66]]

	1	2
beta1	0.008830502	-1.0237791
beta2	-1.022532986	1.0511967
beta3	-2.015679186	1.9974393
beta4	-2.961949657	2.9063916
delta	-0.936146121	1.6414517
gama	0.044167351	0.1354222
sigma	0.959446147	1.6821967

lambda	-4.454438495	4.4604970
alpha1	0.813445459	NA
alpha2	1.051980488	NA
alpha3	1.971730808	NA

\$`n = 500`\$`cen = 0`[[67]]

	1	2
beta1	0.10969933	-0.9838775
beta2	-0.96977715	1.0415244
beta3	-1.93526751	2.0960717
beta4	-3.08661313	2.9519387
delta	-0.89848085	1.3217132
gama	0.03716482	0.1813817
sigma	0.91893018	1.3886351
lambda	-4.66061026	3.1034199
alpha1	0.68655747	NA
alpha2	1.07908370	NA
alpha3	1.88211676	NA

\$`n = 500`\$`cen = 0`[[68]]

	1	2
beta1	-0.01582456	-1.4188867
beta2	-1.01010763	1.0635182
beta3	-2.00683738	2.0258407
beta4	-2.97475495	3.0798303
delta	-0.98692536	1.3878924
gama	0.02405627	0.2222108
sigma	0.99903850	1.4657613
lambda	-6.36312074	2.9442401
alpha1	0.71076354	NA
alpha2	0.99325854	NA
alpha3	1.85114070	NA

\$`n = 500`\$`cen = 0`[[69]]

	1	2
beta1	-0.052831074	-1.1415133
beta2	-1.025913042	0.9314369
beta3	-2.009314299	2.0061794
beta4	-2.926686205	3.0437205
delta	-1.009410235	1.4494708
gama	0.005191455	0.1209527
sigma	1.011978497	1.4906100
lambda	-14.009516991	4.1677494

alpha1	0.752451642	NA
alpha2	1.166662675	NA
alpha3	2.285607781	NA

\$`n = 500`\$`cen = 0`[[70]]

	1	2
beta1	-0.06183105	-1.1008143
beta2	-0.98336162	1.0119938
beta3	-2.01069779	2.0009537
beta4	-3.00168221	3.0066588
delta	-0.99424904	1.4802192
gama	0.02323784	0.2094899
sigma	1.00586729	1.5493672
lambda	-6.52224750	3.2340337
alpha1	0.69860871	NA
alpha2	0.91007163	NA
alpha3	2.13804991	NA

\$`n = 500`\$`cen = 0`[[71]]

	1	2
beta1	0.15191495	-1.1683564
beta2	-1.04523179	1.0348087
beta3	-1.96677408	1.9623550
beta4	-3.01059943	3.0179147
delta	-0.94958308	1.3130254
gama	0.04439397	0.2439119
sigma	0.97267775	1.4028355
lambda	-4.50682807	2.6586222
alpha1	0.79041232	NA
alpha2	0.92772225	NA
alpha3	2.28961280	NA

\$`n = 500`\$`cen = 0`[[72]]

	1	2
beta1	-0.22639964	-0.9502132
beta2	-0.95589685	0.9549615
beta3	-2.01581420	2.0208372
beta4	-2.96705396	3.0228193
delta	-0.92164379	1.3771971
gama	0.03390569	0.1476445
sigma	0.93985795	1.4297959
lambda	-5.00526164	3.5841607
alpha1	0.80182995	NA

alpha2	1.10298945	NA
alpha3	2.43584677	NA

\$`n = 500`\$`cen = 0`[[73]]

	1	2
beta1	-0.10144906	-0.7425110
beta2	-0.97985526	0.9574182
beta3	-2.02897173	2.0219541
beta4	-2.98887587	3.0046926
delta	-1.05239286	1.1462620
gama	0.04149138	0.2321522
sigma	1.07192449	1.2434101
lambda	-5.16653018	2.3790167
alpha1	0.67733023	NA
alpha2	1.01680101	NA
alpha3	1.82332648	NA

\$`n = 500`\$`cen = 0`[[74]]

	1	2
beta1	-0.9102225	-0.02567941
beta2	1.0013767	-0.98779085
beta3	2.1094878	-1.99972439
beta4	2.9106782	-2.99278944
delta	1.4322307	-1.01780044
gama	0.1258090	0.03630825
sigma	1.4754978	1.03548345
lambda	4.0379149	-5.34145992
alpha1	-0.4513639	NA
alpha2	-0.9631840	NA
alpha3	-1.8474140	NA

\$`n = 500`\$`cen = 0`[[75]]

	1	2
beta1	0.1231852	-1.07790933
beta2	-1.0379430	0.99587830
beta3	-2.0065478	2.06691803
beta4	-2.9847756	3.02087511
delta	-0.9765160	1.39771670
gama	0.0141848	0.09754779
sigma	0.9837522	1.43218706
lambda	-8.1991300	4.47517921
alpha1	0.4669925	NA
alpha2	0.8210361	NA

alpha3 1.9024731 NA

\$`n = 500`\$`cen = 0`[[76]]

	1	2
beta1	0.07783723	-0.6339149
beta2	-1.01607737	0.9381281
beta3	-2.00797975	1.9543216
beta4	-3.01878847	2.9487034
delta	-1.01158061	1.4040116
gama	0.04855021	0.2240299
sigma	1.03529973	1.4816472
lambda	-4.59097517	2.9663176
alpha1	0.79283766	NA
alpha2	1.18185283	NA
alpha3	2.75658035	NA

\$`n = 500`\$`cen = 0`[[77]]

	1	2
beta1	0.02699874	-1.2738654
beta2	-0.98062180	1.0480435
beta3	-2.02683268	1.9824784
beta4	-3.03960377	3.0139919
delta	-0.96267023	1.3894214
gama	0.03724771	0.1031864
sigma	0.98182569	1.4260710
lambda	-4.98801525	4.3253649
alpha1	0.75087474	NA
alpha2	1.05409122	NA
alpha3	2.01878368	NA

\$`n = 500`\$`cen = 0`[[78]]

	1	2
beta1	-0.14868664	-0.7472330
beta2	-0.98783731	0.9579657
beta3	-2.02096628	1.9645181
beta4	-2.96033918	3.0072768
delta	-0.93388352	1.1830873
gama	0.04879622	0.2062515
sigma	0.95965341	1.2672597
lambda	-4.22765564	2.6050632
alpha1	0.74428478	NA
alpha2	0.91886938	NA
alpha3	1.71068131	NA

```

$n = 500`$`cen = 0`[[79]]
      1      2
beta1    0.317296302 -0.7923998
beta2   -1.032960321  0.9788213
beta3   -1.968111178  2.0456764
beta4   -3.046512449  2.9597445
delta   -1.155834377  1.2328105
gama     0.008122464  0.1841526
sigma    1.159342733  1.3053636
lambda -12.824832535  2.8728132
alpha1    0.770528811      NA
alpha2    0.984780665      NA
alpha3    1.768311238      NA

```

```

$n = 500`$`cen = 0`[[80]]
      1      2
beta1    0.035710929 -0.9498214
beta2   -1.017053263  1.0483790
beta3   -2.017397696  1.9713782
beta4   -2.972349865  2.9449995
delta   -1.028980724  1.2058478
gama     0.009609453  0.2776576
sigma    1.033639581  1.3159508
lambda -10.496823686  2.2884304
alpha1    0.696021382      NA
alpha2    1.226573590      NA
alpha3    2.127163056      NA

```

```

$n = 500`$`cen = 0`[[81]]
      1      2
beta1   -0.04736116 -1.0722674
beta2   -0.99102170  0.9678776
beta3   -2.02738770  2.0284643
beta4   -3.02100437  3.0295313
delta   -0.86663415  1.3532078
gama     0.06941634  0.1084183
sigma    0.90579859  1.3926915
lambda  -3.28931101  4.1097301
alpha1    0.65959554      NA
alpha2    1.03937053      NA
alpha3    1.98040941      NA

```



```
$`n = 500`$`cen = 0`[[82]]
      1      2
beta1 -0.001516844 -1.3107222
beta2 -1.006876175  1.0470650
beta3 -1.987520586  2.0494520
beta4 -3.006500319  3.0400345
delta -0.916215455  1.5173406
gama  0.027503910  0.1116399
sigma 0.931104006  1.5536932
lambda -5.524594376 4.5412282
alpha1 0.541363212      NA
alpha2 0.795526383      NA
alpha3 1.735570033      NA
```

```
$`n = 500`$`cen = 0`[[83]]
      1      2
beta1  0.03059244 -1.4267690
beta2 -1.02226544  0.9818842
beta3 -2.00325435  1.9978804
beta4 -3.00315012  3.1871561
delta -0.87048659  1.4348482
gama  0.05996410  0.1363762
sigma 0.90427374  1.4816091
lambda -3.55481041 3.8854080
alpha1 0.65307836      NA
alpha2 0.93612295      NA
alpha3 2.01458159      NA
```

```
$`n = 500`$`cen = 0`[[84]]
      1      2
beta1 -1.5310860  0.04131594
beta2  1.0382019 -1.05037005
beta3  2.0278129 -1.94603142
beta4  3.1444832 -2.92875152
delta  1.4498066 -1.07931621
gama  0.1334129  0.02171563
sigma 1.4951094  1.08932967
lambda 3.9692754 -7.32423821
alpha1 -0.4703871      NA
alpha2 -1.0180102      NA
alpha3 -2.1111993      NA
```

```
$`n = 500`$`cen = 0`[[85]]
```

	1	2
beta1	-0.006366038	-0.8381557
beta2	-1.004648033	1.0366720
beta3	-1.969188704	2.0452391
beta4	-3.005302200	2.9854617
delta	-0.878101980	1.0614785
gama	0.053091518	0.3496660
sigma	0.907829613	1.2150731
lambda	-3.810942417	1.7950829
alpha1	0.835487635	NA
alpha2	0.973815839	NA
alpha3	2.027795531	NA

\$`n = 500`\$`cen = 0`[[86]]

	1	2
beta1	0.09603210	-1.2355861
beta2	-1.00501195	1.0145483
beta3	-1.99018464	2.0071760
beta4	-3.00436586	3.0602067
delta	-0.98119063	1.3262398
gama	0.03280111	0.1131185
sigma	0.99776559	1.3682216
lambda	-5.41762697	3.9432581
alpha1	0.67760712	NA
alpha2	0.98917248	NA
alpha3	1.89515061	NA

\$`n = 500`\$`cen = 0`[[87]]

	1	2
beta1	-0.30471560	-1.0486745
beta2	-0.96112282	0.9344890
beta3	-2.05524545	2.0575621
beta4	-2.95070565	3.0501197
delta	-0.91326099	1.5112999
gama	0.04798341	0.1015284
sigma	0.93916401	1.5445244
lambda	-4.16916737	4.7430407
alpha1	0.58712197	NA
alpha2	0.86779894	NA
alpha3	2.05863611	NA

\$`n = 500`\$`cen = 0`[[88]]

	1	2
--	---	---

beta1	-0.19900697	-1.0709553
beta2	-0.96064530	0.9871099
beta3	-1.94712279	1.9313369
beta4	-2.96437958	3.0537295
delta	-1.05275176	1.3084363
gama	0.04533374	0.2048964
sigma	1.07406704	1.3845223
lambda	-4.94441841	2.8905829
alpha1	0.49641280	NA
alpha2	0.85410603	NA
alpha3	1.79788954	NA

\$`n = 500`\$`cen = 0`[[89]]

	1	2
beta1	0.02894952	-0.9736027
beta2	-1.01581632	1.0005992
beta3	-2.00967488	2.0359828
beta4	-2.98395093	2.9847090
delta	-1.00638642	1.3160939
gama	0.02644338	0.1714831
sigma	1.01943955	1.3797051
lambda	-6.18879807	3.1781634
alpha1	0.78737404	NA
alpha2	1.01144761	NA
alpha3	1.94598602	NA

\$`n = 500`\$`cen = 0`[[90]]

	1	2
beta1	-0.8475751	0.33637931
beta2	0.9624404	-1.05315656
beta3	1.9666620	-2.00737114
beta4	2.9694177	-3.08142661
delta	1.5098373	-0.95102967
gama	0.1542715	0.02868872
sigma	1.5600898	0.96599490
lambda	3.8440342	-5.61485408
alpha1	-0.4349750	NA
alpha2	-0.8701576	NA
alpha3	-1.9291626	NA

\$`n = 500`\$`cen = 0`[[91]]

	1	2
beta1	-0.7449838	0.17394977

beta2	0.9423396	-1.03223211
beta3	2.0901091	-1.98192208
beta4	3.0118146	-3.04773493
delta	1.3303945	-0.89768424
gama	0.2511627	0.03880527
sigma	1.4216583	0.91904421
lambda	2.6546230	-4.55699203
alpha1	-0.5484109	NA
alpha2	-0.9369059	NA
alpha3	-1.7353479	NA

\$`n = 500`\$`cen = 0`[[92]]

	1	2
beta1	-0.12586901	-1.1431902
beta2	-0.96783300	1.0044106
beta3	-1.96018710	2.0253792
beta4	-2.98747159	3.0262407
delta	-1.01075981	1.3748786
gama	0.01501435	0.1030691
sigma	1.01815998	1.4118641
lambda	-8.24887421	4.2825268
alpha1	0.97175706	NA
alpha2	1.32075811	NA
alpha3	2.36002565	NA

\$`n = 500`\$`cen = 0`[[93]]

	1	2
beta1	-0.15574759	-1.3800915
beta2	-1.00223457	1.0940361
beta3	-2.05374796	1.9640045
beta4	-2.97432561	3.0610959
delta	-0.93119885	1.2542526
gama	0.07878989	0.2133024
sigma	0.97258480	1.3365822
lambda	-3.31747144	2.7157333
alpha1	0.54995997	NA
alpha2	0.65074326	NA
alpha3	1.78840798	NA

\$`n = 500`\$`cen = 0`[[94]]

	1	2
beta1	-0.22641301	-1.3630905
beta2	-0.98539263	1.1200372

beta3	-2.05165627	2.0397694
beta4	-2.90134922	2.9637164
delta	-1.05568406	1.4062213
gama	0.02782357	0.1777331
sigma	1.06878080	1.4680571
lambda	-6.32888985	3.3355655
alpha1	0.88318163	NA
alpha2	1.07893034	NA
alpha3	2.08639206	NA

\$`n = 500`\$`cen = 0`[[95]]

	1	2
beta1	0.02061944	-0.7972033
beta2	-1.00209298	0.9160928
beta3	-2.00287177	2.0832538
beta4	-3.00609214	3.0351386
delta	-1.06835425	1.2975422
gama	0.02861134	0.1882865
sigma	1.08166175	1.3681748
lambda	-6.31605917	2.9902806
alpha1	0.78046981	NA
alpha2	0.92295409	NA
alpha3	2.09288696	NA

\$`n = 500`\$`cen = 0`[[96]]

	1	2
beta1	-0.04324703	-0.8992797
beta2	-1.01480776	1.0122036
beta3	-1.99658150	1.9928946
beta4	-2.97203984	2.9554678
delta	-0.97769886	1.2656649
gama	0.04050416	0.2879144
sigma	0.99819799	1.3747080
lambda	-4.85797520	2.3587779
alpha1	0.81585405	NA
alpha2	1.16943916	NA
alpha3	2.54356249	NA

\$`n = 500`\$`cen = 0`[[97]]

	1	2
beta1	0.10094840	-0.9952410
beta2	-0.98281259	0.9870327
beta3	-2.05060334	1.9149072

beta4	-3.03950146	2.9528776
delta	-1.01113394	1.4796522
gama	0.03825722	0.1740961
sigma	1.02987818	1.5373571
lambda	-5.16954098	3.5462153
alpha1	0.79465721	NA
alpha2	1.22428945	NA
alpha3	2.16373194	NA

\$`n = 500`\$`cen = 0`[[98]]

	1	2
beta1	0.17457159	-1.1319453
beta2	-1.02176555	1.0181336
beta3	-2.02244594	2.1395322
beta4	-3.02245190	3.0154804
delta	-1.05066549	1.3413382
gama	0.02031455	0.1743526
sigma	1.06028888	1.4048276
lambda	-7.37158434	3.2123588
alpha1	1.00019038	NA
alpha2	1.04076338	NA
alpha3	2.31993972	NA

\$`n = 500`\$`cen = 0`[[99]]

	1	2
beta1	-0.07770961	-0.7855321
beta2	-0.99979457	0.9276027
beta3	-2.00058077	2.0694045
beta4	-3.00038032	2.9575096
delta	-0.84157728	1.5883077
gama	0.06465001	0.0693549
sigma	0.87914864	1.6099926
lambda	-3.30986048	6.0310937
alpha1	0.59237690	NA
alpha2	0.99772704	NA
alpha3	1.87712765	NA

\$`n = 500`\$`cen = 0`[[100]]

	1	2
beta1	0.29420378	-1.2546559
beta2	-1.04261379	1.0210822
beta3	-1.97236262	2.1240009
beta4	-3.04712420	3.0115627

delta	-1.09724139	1.5026613
gama	0.02744828	0.1037902
sigma	1.10967876	1.5368088
lambda	-6.62284499	4.6642623
alpha1	0.64641709	NA
alpha2	0.92394736	NA
alpha3	1.94334050	NA

\$`n = 500`\$`cen = 0.075`
, , 1

	1	2
beta1	-0.62967469	-1.1601579
beta2	-1.04620302	1.0796574
beta3	-2.05296062	1.9697706
beta4	-3.01560922	3.0143816
delta	0.05014363	1.1790933
gama	0.31852010	0.1879996
sigma	0.56659905	1.2562884
lambda	0.08884793	2.7193788
alpha1	0.66769067	NA
alpha2	0.88499945	NA
alpha3	1.65529729	NA

, , 2

	1	2
beta1	-0.72222763	-0.7672801
beta2	-1.05648651	0.9849923
beta3	-2.02078946	2.0039302
beta4	-2.96177216	2.8894951
delta	0.05114300	1.3974214
gama	0.34054568	0.2126640
sigma	0.58579970	1.4715470
lambda	0.08763921	3.0302639
alpha1	0.79188505	NA
alpha2	1.02826770	NA
alpha3	2.32733901	NA

, , 3

	1	2
--	---	---

beta1	-0.77696020	-0.9681874
beta2	-0.98828500	0.9515584
beta3	-1.99187960	1.9860195
beta4	-3.02449155	3.0657351
delta	0.04556061	1.3459681
gama	0.33343743	0.2193491
sigma	0.57923501	1.4251243
lambda	0.07890098	2.8738685
alpha1	0.68734889	NA
alpha2	1.02752420	NA
alpha3	2.04755163	NA

, , 4

	1	2
beta1	-0.71600082	-0.7260373
beta2	-0.98390719	1.0523396
beta3	-1.97604863	2.0435285
beta4	-3.05191091	2.9254960
delta	0.06779283	1.0927169
gama	0.30233550	0.2841535
sigma	0.55401387	1.2158057
lambda	0.12329322	2.0498929
alpha1	0.82321406	NA
alpha2	1.08346012	NA
alpha3	1.98018115	NA

, , 5

	1	2
beta1	-0.75420464	-0.7679593
beta2	-1.02746051	0.9668197
beta3	-2.07550973	1.9916212
beta4	-2.99972207	2.9995115
delta	0.06283817	1.1336209
gama	0.33345612	0.2661061
sigma	0.58086552	1.2454727
lambda	0.10881887	2.1975585
alpha1	0.83324374	NA
alpha2	1.03072764	NA
alpha3	1.79737642	NA

, , 6

	1	2
beta1	-0.95492266	-1.1151452
beta2	-1.00583165	0.9939787
beta3	-1.96986609	1.9488420
beta4	-2.94143364	3.0402433
delta	0.06495955	1.2803345
gama	0.34221893	0.1796215
sigma	0.58859041	1.3486578
lambda	0.11104296	3.0209548
alpha1	0.76537152	NA
alpha2	1.16479255	NA
alpha3	2.28487735	NA

, , 7

	1	2
beta1	-0.89991978	-1.51618419
beta2	-0.98503344	1.08505676
beta3	-2.03878629	2.02863185
beta4	-2.98807638	3.03043190
delta	0.04792879	1.54190800
gama	0.34878345	0.05368651
sigma	0.59252057	1.55921993
lambda	0.08115561	6.65465981
alpha1	0.81203117	NA
alpha2	1.11960816	NA
alpha3	2.10351690	NA

, , 8

	1	2
beta1	-0.95126113	-0.73241427
beta2	-0.95999205	0.96834090
beta3	-1.95507280	1.95363058
beta4	-3.00973634	2.90841169
delta	0.06385628	1.30608143
gama	0.38239584	0.08004769
sigma	0.62166990	1.33637434
lambda	0.10326354	4.61631933
alpha1	0.64139353	NA
alpha2	1.02497912	NA
alpha3	2.14786358	NA

, , 9

	1	2
beta1	-0.96820275	-0.9717296
beta2	-0.93590910	0.9548763
beta3	-2.01356536	2.0046984
beta4	-3.02335891	3.0198587
delta	0.06621244	1.3387655
gama	0.35271064	0.1486722
sigma	0.59757403	1.3931853
lambda	0.11148856	3.4720793
alpha1	0.54172819	NA
alpha2	0.88359140	NA
alpha3	1.96979386	NA

, , 10

	1	2
beta1	-0.73887139	-1.0777925
beta2	-0.98630589	1.0038340
beta3	-2.02774462	2.0176736
beta4	-3.00109782	3.0158709
delta	0.02697992	1.3129869
gama	0.35888595	0.0919598
sigma	0.59967814	1.3475513
lambda	0.04503627	4.3297357
alpha1	0.76542892	NA
alpha2	1.03322051	NA
alpha3	2.10902357	NA

, , 11

	1	2
beta1	-0.99796455	-1.0080488
beta2	-0.97769817	1.0081174
beta3	-1.97519935	2.0323999
beta4	-2.95919452	3.0072530
delta	0.06177734	1.3632467
gama	0.34511226	0.2399306
sigma	0.59070187	1.4485759
lambda	0.10515962	2.7831183
alpha1	0.69053051	NA

alpha2	0.86318263	NA
alpha3	1.73066289	NA

, , 12

	1	2
beta1	-0.79529136	-1.23835867
beta2	-1.01207117	0.99963252
beta3	-2.00914397	2.06457373
beta4	-3.00082408	3.05738286
delta	0.06385679	1.44698018
gama	0.37476159	0.09834188
sigma	0.61549921	1.48057202
lambda	0.10431086	4.61416725
alpha1	0.68117734	NA
alpha2	1.10817543	NA
alpha3	2.57554410	NA

, , 13

	1	2
beta1	-0.97125862	-1.1253695
beta2	-0.94330139	1.0237445
beta3	-1.97037552	2.0654840
beta4	-3.04084905	2.9859152
delta	0.06304033	1.3581189
gama	0.44061326	0.1275273
sigma	0.66677384	1.4042842
lambda	0.09497071	3.8030858
alpha1	0.72614373	NA
alpha2	1.12774704	NA
alpha3	1.65110442	NA

, , 14

	1	2
beta1	-0.74226769	-0.6943242
beta2	-1.02210670	0.9647332
beta3	-2.03625579	2.0064907
beta4	-3.03719566	2.9880026
delta	0.06698065	1.1329002
gama	0.40159603	0.2941847
sigma	0.63724598	1.2560444

lambda	0.10569506	2.0887268
alpha1	0.87628996	NA
alpha2	1.16055010	NA
alpha3	1.79185019	NA

, , 15

	1	2
beta1	-1.0234855	-0.7734640
beta2	-1.0023704	0.9574556
beta3	-2.0420787	1.9587400
beta4	-2.9370718	2.9893548
delta	0.0772768	1.3294251
gama	0.3316956	0.1485724
sigma	0.5810915	1.3841761
lambda	0.1341774	3.4490126
alpha1	0.6457445	NA
alpha2	0.8758732	NA
alpha3	1.9547445	NA

, , 16

	1	2
beta1	-0.79224195	-0.7250593
beta2	-0.96811405	1.0605114
beta3	-2.04331082	2.0136400
beta4	-3.04069996	2.9353382
delta	0.04265349	0.9524397
gama	0.37014927	0.4315664
sigma	0.60989228	1.1570254
lambda	0.07010777	1.4498187
alpha1	0.87415625	NA
alpha2	1.01144073	NA
alpha3	1.71738929	NA

, , 17

	1	2
beta1	-0.86676266	-1.1894347
beta2	-0.97912289	0.9698975
beta3	-1.95667646	1.9708287
beta4	-2.99879670	3.0752927
delta	0.04685903	1.5066125

gama	0.37198930	0.1401580
sigma	0.61170668	1.5524301
lambda	0.07682951	4.0243217
alpha1	0.60835424	NA
alpha2	0.89476770	NA
alpha3	2.03598458	NA

, , 18

	1	2
beta1	-1.32686847	-1.2965200
beta2	-0.95643999	1.0193384
beta3	-2.00010319	2.0705137
beta4	-2.89303850	3.0332751
delta	0.05959857	1.4038284
gama	0.38253903	0.1188959
sigma	0.62136223	1.4455553
lambda	0.09636025	4.0712757
alpha1	0.86431272	NA
alpha2	1.00721165	NA
alpha3	1.68276393	NA

, , 19

	1	2
beta1	-1.03919640	-0.8502261
beta2	-0.97836987	1.0599877
beta3	-1.99255146	2.0001422
beta4	-2.97345603	2.9159293
delta	0.05785805	1.1871626
gama	0.42509875	0.2329950
sigma	0.65455810	1.2815420
lambda	0.08873989	2.4594438
alpha1	0.70741624	NA
alpha2	1.11257097	NA
alpha3	1.89280675	NA

, , 20

	1	2
beta1	-0.96678322	-0.9243778
beta2	-0.93817787	1.0259200
beta3	-1.96719423	1.9929850

beta4	-3.00573312	2.9272740
delta	0.05535720	1.2459452
gama	0.38239765	0.1066588
sigma	0.62085592	1.2880366
lambda	0.08951927	3.8150528
alpha1	0.66812506	NA
alpha2	1.03967828	NA
alpha3	2.04504855	NA

, , 21

	1	2
beta1	-0.0669924	-0.5320401
beta2	-1.0087362	0.9901406
beta3	-1.9637739	2.0142993
beta4	-2.9449256	2.8802697
delta	-1.0009650	1.4303267
gama	0.0242575	0.2202344
sigma	1.0130096	1.5053468
lambda	-6.4268166	3.0478433
alpha1	0.7296650	NA
alpha2	1.0137244	NA
alpha3	2.0498008	NA

, , 22

	1	2
beta1	-0.76820595	-1.4349424
beta2	-1.01921120	1.0411006
beta3	-1.96467579	2.0248334
beta4	-2.98963594	3.0494153
delta	0.02728543	1.4340513
gama	0.35583466	0.1111261
sigma	0.59714249	1.4722871
lambda	0.04574111	4.3018636
alpha1	0.85241376	NA
alpha2	1.13095102	NA
alpha3	2.16391694	NA

, , 23

	1	2
beta1	-0.5483391	-0.9921485

beta2	-1.0622228	1.0126144
beta3	-2.0233317	1.9517814
beta4	-3.0551468	3.0564155
delta	0.0778687	1.1577368
gama	0.3573542	0.2612717
sigma	0.6028414	1.2655537
lambda	0.1302607	2.2649761
alpha1	0.9468570	NA
alpha2	1.0923384	NA
alpha3	2.2592387	NA

, , 24

	1	2
beta1	-0.81263600	-1.10019320
beta2	-0.99194059	0.99486341
beta3	-1.95023724	2.02857090
beta4	-3.02398136	2.95351316
delta	0.03404248	1.51530971
gama	0.37507028	0.05412837
sigma	0.61337523	1.53306617
lambda	0.05558592	6.51311781
alpha1	0.89850935	NA
alpha2	1.30107966	NA
alpha3	2.49911871	NA

, , 25

	1	2
beta1	-0.69912279	-0.6815177
beta2	-1.00363989	0.9906886
beta3	-2.00193975	2.0021223
beta4	-3.03642149	2.9260205
delta	0.05526883	1.1971761
gama	0.40039725	0.2431207
sigma	0.63517863	1.2947399
lambda	0.08734434	2.4279911
alpha1	0.50605979	NA
alpha2	0.90618184	NA
alpha3	1.97199269	NA

, , 26

	1	2
beta1	-0.86289432	-1.3497275
beta2	-1.03607748	1.0285097
beta3	-2.01714905	2.0593608
beta4	-2.95121331	3.0727612
delta	0.05807320	1.4757960
gama	0.34896857	0.2171649
sigma	0.59358324	1.5476236
lambda	0.09830658	3.1668795
alpha1	0.89504507	NA
alpha2	1.20658705	NA
alpha3	2.06054826	NA

, , 27

	1	2
beta1	-0.82925363	-1.1505238
beta2	-1.01180409	1.0996485
beta3	-1.98152292	2.0136284
beta4	-2.98960688	2.9580041
delta	0.05071609	1.2849323
gama	0.36290300	0.1657854
sigma	0.60454538	1.3479008
lambda	0.08418806	3.1557829
alpha1	0.72182244	NA
alpha2	1.07053795	NA
alpha3	1.82484053	NA

, , 28

	1	2
beta1	-0.67809398	-1.2196134
beta2	-0.95968742	0.9809848
beta3	-1.96962530	2.0052068
beta4	-3.09640530	3.0765609
delta	0.03325668	1.4656019
gama	0.42249741	0.1505837
sigma	0.65084823	1.5161044
lambda	0.05116428	3.7768265
alpha1	0.62253364	NA
alpha2	1.02462277	NA
alpha3	2.03904404	NA

, , 29

	1	2
beta1	-1.14106024	-1.1169142
beta2	-0.92909159	1.0285671
beta3	-1.94253160	1.9705843
beta4	-2.95295711	3.0338297
delta	0.05686057	1.3290487
gama	0.37233826	0.2397136
sigma	0.61283879	1.4163629
lambda	0.09318422	2.7145296
alpha1	0.75559793	NA
alpha2	1.12363794	NA
alpha3	2.50653332	NA

, , 30

	1	2
beta1	-0.95471894	-1.0800456
beta2	-0.98452975	0.9701904
beta3	-1.97496132	1.9556357
beta4	-2.94981182	3.0492928
delta	0.04911914	1.4460259
gama	0.41860387	0.1437508
sigma	0.64885789	1.4949052
lambda	0.07591877	3.8139148
alpha1	0.61991736	NA
alpha2	0.98126901	NA
alpha3	1.92714790	NA

, , 31

	1	2
beta1	-0.74547913	-0.9785340
beta2	-0.95411826	0.9790958
beta3	-1.99287879	2.0078742
beta4	-3.08710265	3.0024572
delta	0.04351888	1.4047187
gama	0.38180166	0.1932934
sigma	0.61943164	1.4719131
lambda	0.07043017	3.1950733
alpha1	0.57299446	NA
alpha2	1.07517872	NA

alpha3 1.87596632 NA

, , 32

	1	2
beta1	0.10685836	-1.14612073
beta2	-0.99414847	1.05935538
beta3	-2.03381689	2.01052437
beta4	-3.04888569	2.95997197
delta	-1.06519253	1.41714677
gama	0.02462206	0.09848758
sigma	1.07668806	1.45147944
lambda	-6.78837637	4.51568967
alpha1	1.23504606	NA
alpha2	1.33591989	NA
alpha3	2.21285214	NA

, , 33

	1	2
beta1	-0.87848588	-0.8048824
beta2	-1.02632031	1.0213430
beta3	-1.97591110	1.9567649
beta4	-2.95680191	2.9356731
delta	0.06782197	1.1683508
gama	0.36996496	0.2093290
sigma	0.61201698	1.2547401
lambda	0.11150391	2.5536336
alpha1	0.94369356	NA
alpha2	0.96250406	NA
alpha3	2.13321322	NA

, , 34

	1	2
beta1	-0.81131369	-1.2859741
beta2	-0.95854966	0.9956349
beta3	-2.03219923	2.0423683
beta4	-3.06555884	3.1555551
delta	0.04751353	1.1646431
gama	0.33976503	0.2253586
sigma	0.58482695	1.2576773
lambda	0.08151320	2.4533292

alpha1	0.74982461	NA
alpha2	0.90582219	NA
alpha3	1.69990603	NA

, , 35

	1	2
beta1	-0.82708650	-1.3009218
beta2	-1.02047908	1.0884239
beta3	-2.02661621	2.0203341
beta4	-2.97794152	3.0423615
delta	0.05891070	1.2585727
gama	0.38816653	0.2108036
sigma	0.62580908	1.3397047
lambda	0.09455514	2.7411909
alpha1	0.77839224	NA
alpha2	1.01196389	NA
alpha3	1.99103131	NA

, , 36

	1	2
beta1	-0.60832460	-0.7491969
beta2	-1.01700095	0.9989544
beta3	-2.06300380	2.0474005
beta4	-3.05665472	2.9810825
delta	0.02975460	1.0185520
gama	0.32967569	0.3825731
sigma	0.57494437	1.1916465
lambda	0.05182159	1.6467436
alpha1	0.72194797	NA
alpha2	0.97606901	NA
alpha3	1.87123323	NA

, , 37

	1	2
beta1	-1.1512984	-1.3093233
beta2	-0.9893744	1.0133220
beta3	-1.9756002	2.0270619
beta4	-2.9020321	3.1257118
delta	0.0600430	1.3860421
gama	0.4241896	0.2113191

sigma	0.6540602	1.4602848
lambda	0.0921897	3.0151372
alpha1	1.0193345	NA
alpha2	1.2026711	NA
alpha3	2.1479482	NA

, , 38

	1	2
beta1	-0.8444827	-0.68588271
beta2	0.9686457	-1.03736980
beta3	2.0283478	-2.03047046
beta4	2.9510639	-3.03627488
delta	1.3968409	0.07232808
gama	0.1315882	0.40545812
sigma	1.4431745	0.64085058
lambda	3.8506888	0.11358839
alpha1	-0.6517036	NA
alpha2	-1.1465085	NA
alpha3	-2.0399788	NA

, , 39

	1	2
beta1	-0.88234711	-0.5510062
beta2	-0.98671877	0.9543870
beta3	-2.04943921	1.9919650
beta4	-2.99580786	2.9054075
delta	0.02616025	1.4448336
gama	0.39403199	0.1490286
sigma	0.62826455	1.4955176
lambda	0.04167505	3.7426822
alpha1	0.68544942	NA
alpha2	1.08543479	NA
alpha3	2.01025959	NA

, , 40

	1	2
beta1	-0.85054244	-0.4767472
beta2	-0.98661780	0.9096184
beta3	-2.01996411	2.1548811
beta4	-2.99456167	2.9324457

delta	0.05704060	1.2611469
gama	0.37329723	0.2604415
sigma	0.61363740	1.3604900
lambda	0.09335911	2.4712152
alpha1	0.92943086	NA
alpha2	0.98268543	NA
alpha3	2.22978569	NA

, , 41

	1	2
beta1	-0.90809549	-1.0049785
beta2	-1.01421050	0.9278269
beta3	-1.98298696	1.9756615
beta4	-2.95860129	3.1233936
delta	0.06683958	1.1910057
gama	0.38858490	0.2290070
sigma	0.62693894	1.2835504
lambda	0.10722370	2.4887969
alpha1	0.72901790	NA
alpha2	1.29102344	NA
alpha3	1.82152399	NA

, , 42

	1	2
beta1	-0.7403216	-0.97440908
beta2	0.9595137	-0.98615382
beta3	2.0031425	-1.99400547
beta4	2.9963091	-2.98934566
delta	1.2317516	0.04107004
gama	0.2793218	0.42107817
sigma	1.3403484	0.65020375
lambda	2.3306161	0.06329126
alpha1	-0.5260562	NA
alpha2	-0.9658429	NA
alpha3	-1.8814631	NA

, , 43

	1	2
beta1	-0.68425604	-1.0823646
beta2	-1.03200351	0.9705365

beta3	-2.03963360	2.0070425
beta4	-3.01006105	3.0443939
delta	0.03011333	1.4469130
gama	0.33100107	0.2146648
sigma	0.57611447	1.5192834
lambda	0.05234125	3.1229285
alpha1	0.90473650	NA
alpha2	1.12381748	NA
alpha3	2.14164753	NA

, , 44

	1	2
beta1	-0.92793790	-1.0317879
beta2	-0.99492102	1.0432619
beta3	-1.99628163	2.0081137
beta4	-2.97584610	2.9610445
delta	0.05973591	1.3371605
gama	0.37743592	0.1511419
sigma	0.61725545	1.3925301
lambda	0.09723303	3.4394668
alpha1	0.90640193	NA
alpha2	1.05901031	NA
alpha3	1.83020745	NA

, , 45

	1	2
beta1	-0.76130068	-0.9648321
beta2	-1.07348460	1.0185921
beta3	-1.98254786	1.9904898
beta4	-2.96540857	2.9995982
delta	0.06024425	1.2638147
gama	0.43332970	0.3043244
sigma	0.66102879	1.3789677
lambda	0.09151797	2.2909470
alpha1	0.57446269	NA
alpha2	0.92559911	NA
alpha3	2.18748405	NA

, , 46

	1	2
--	---	---

beta1	-0.9991519	-0.41918438
beta2	0.9653342	-0.96649472
beta3	2.0213968	-1.98157415
beta4	3.0502604	-3.19373471
delta	1.3890565	0.04833440
gama	0.1560676	0.34481177
sigma	1.4441418	0.58919266
lambda	3.5161192	0.08231241
alpha1	-0.5044482	NA
alpha2	-1.1018083	NA
alpha3	-2.3074888	NA

, , 47

	1	2
beta1	-0.75789616	-0.9556077
beta2	-0.99028423	1.0359719
beta3	-1.98238884	2.0817049
beta4	-3.02455805	3.0425596
delta	0.03329248	0.9622537
gama	0.39320638	0.3700738
sigma	0.62794488	1.1384226
lambda	0.05309282	1.5817776
alpha1	0.78656961	NA
alpha2	0.89268187	NA
alpha3	2.08909438	NA

, , 48

	1	2
beta1	-0.81597648	-0.9896870
beta2	-1.00168072	0.9494050
beta3	-2.03646298	1.9905100
beta4	-3.00332731	3.0447862
delta	0.04361910	1.4465027
gama	0.37415872	0.1117528
sigma	0.61323841	1.4846288
lambda	0.07130972	4.3270314
alpha1	0.91161545	NA
alpha2	1.00163648	NA
alpha3	2.08858583	NA

, , 49

	1	2
beta1	-0.9568223	-0.75338993
beta2	1.0198805	-1.02045080
beta3	2.0790343	-1.96626373
beta4	3.0178921	-3.02125873
delta	1.1929853	0.04766529
gama	0.2961220	0.40174056
sigma	1.3112345	0.63561981
lambda	2.1922990	0.07520201
alpha1	-0.5453248	NA
alpha2	-1.1007075	NA
alpha3	-2.3390385	NA

, , 50

	1	2
beta1	-0.86031359	-0.9371785
beta2	-1.00076915	1.0084342
beta3	-1.97489799	2.0184027
beta4	-2.97646740	3.0081009
delta	0.05410379	1.1924709
gama	0.32804015	0.3979540
sigma	0.57529763	1.3490518
lambda	0.09446353	1.8903028
alpha1	0.47011556	NA
alpha2	0.78024784	NA
alpha3	1.85864339	NA

, , 51

	1	2
beta1	-0.81544760	-1.1322335
beta2	-1.00308215	0.9938936
beta3	-1.96678534	2.0726158
beta4	-2.97542288	3.0679733
delta	0.04417111	1.4640783
gama	0.34911508	0.1768146
sigma	0.59250837	1.5232662
lambda	0.07475737	3.4818116
alpha1	0.74587120	NA
alpha2	1.07980858	NA
alpha3	2.19082245	NA

, , 52

	1	2
beta1	-1.04287107	-0.71975786
beta2	-0.95867979	0.91037620
beta3	-1.94448169	1.98085966
beta4	-2.99516210	2.94523044
delta	0.05785443	1.51629154
gama	0.40805902	0.08370278
sigma	0.64140950	1.54364595
lambda	0.09056807	5.24098329
alpha1	0.59471701	NA
alpha2	0.89536780	NA
alpha3	1.92103432	NA

, , 53

	1	2
beta1	-0.82468185	-0.8579050
beta2	-0.97373543	0.9072046
beta3	-1.97967406	1.9895031
beta4	-3.01641819	3.0312809
delta	0.05208307	1.4110880
gama	0.33991548	0.2010375
sigma	0.58534445	1.4806102
lambda	0.08933283	3.1471366
alpha1	0.86211356	NA
alpha2	1.09977575	NA
alpha3	2.19849176	NA

, , 54

	1	2
beta1	-0.56900657	-0.1530785
beta2	-1.03698665	0.9752372
beta3	-1.96423965	2.0143841
beta4	-3.08405523	3.0113806
delta	0.05478849	0.3638744
gama	0.39317733	0.8237283
sigma	0.62942761	0.9778205
lambda	0.08737660	0.4009217
alpha1	0.71477557	NA

alpha2	0.96391603	NA
alpha3	1.31196772	NA

, , 55

	1	2
beta1	-1.07290330	-1.2246250
beta2	-0.98244404	0.9964836
beta3	-2.01513720	1.9980174
beta4	-2.95487934	3.0957350
delta	0.09706027	1.3542912
gama	0.39491303	0.1704266
sigma	0.63587242	1.4158147
lambda	0.15445102	3.2805248
alpha1	0.60362455	NA
alpha2	0.97869072	NA
alpha3	2.02976701	NA

, , 56

	1	2
beta1	-0.8151871	-0.7773663
beta2	-1.0120966	0.9505000
beta3	-2.0263153	1.8967589
beta4	-2.9911400	2.9790165
delta	0.0701201	1.2965562
gama	0.3163287	0.1897399
sigma	0.5667853	1.3677711
lambda	0.1246732	2.9765417
alpha1	0.7791835	NA
alpha2	0.9066984	NA
alpha3	1.9554028	NA

, , 57

	1	2
beta1	-0.76252113	-0.7885419
beta2	-1.04844420	1.0243544
beta3	-1.99225508	2.0059518
beta4	-2.97529658	2.8945110
delta	0.05732606	1.2921982
gama	0.36758491	0.1808366
sigma	0.60899194	1.3603723

lambda	0.09455255	3.0386865
alpha1	0.65983318	NA
alpha2	0.90708715	NA
alpha3	1.79566325	NA

, , 58

	1	2
beta1	-0.86992070	-0.9629008
beta2	-1.00123948	1.0044332
beta3	-2.04961633	1.9631359
beta4	-2.97187172	2.9672877
delta	0.05091668	1.4731336
gama	0.26428771	0.1113566
sigma	0.51660451	1.5104566
lambda	0.09904250	4.4145270
alpha1	0.53212520	NA
alpha2	0.89114451	NA
alpha3	2.16450057	NA

, , 59

	1	2
beta1	-0.74190019	-1.1108309
beta2	-0.98216834	1.0152700
beta3	-1.99835297	1.9663028
beta4	-3.05354504	3.0195030
delta	0.05071842	1.3180416
gama	0.34173659	0.1548958
sigma	0.58677845	1.3755470
lambda	0.08676009	3.3489554
alpha1	0.74397906	NA
alpha2	1.07432242	NA
alpha3	1.93514905	NA

, , 60

	1	2
beta1	-1.01114556	-1.0768156
beta2	-0.98478829	0.9770828
beta3	-2.02927423	1.9986248
beta4	-2.96108704	3.1060704
delta	0.05345401	1.2019114

gama	0.32457021	0.3405749
sigma	0.57221284	1.3361010
lambda	0.09382659	2.0595206
alpha1	0.69399024	NA
alpha2	1.05293101	NA
alpha3	1.75667803	NA

, , 61

	1	2
beta1	-0.78570219	-0.5747381
beta2	-0.98463537	0.9648503
beta3	-1.97805353	1.9295322
beta4	-3.01004754	2.8545615
delta	0.03231162	1.3905429
gama	0.32191043	0.1667094
sigma	0.56829083	1.4492477
lambda	0.05694968	3.4056845
alpha1	0.53149699	NA
alpha2	1.02414255	NA
alpha3	1.70502519	NA

, , 62

	1	2
beta1	-0.86196789	-0.6494846
beta2	-0.97692505	1.0194970
beta3	-2.01847064	1.9270200
beta4	-2.99119601	2.9955533
delta	0.01967450	0.8813751
gama	0.37195801	0.4034519
sigma	0.61020086	1.0864041
lambda	0.03225943	1.3876020
alpha1	0.67439984	NA
alpha2	1.00308620	NA
alpha3	1.52880644	NA

, , 63

	1	2
beta1	-0.95626626	-0.8952821
beta2	-1.00302921	1.0134179
beta3	-2.03070726	1.9851587

beta4	-2.91197065	2.9343384
delta	0.05007920	1.3168551
gama	0.37008615	0.1926036
sigma	0.61040484	1.3880601
lambda	0.08232011	3.0005839
alpha1	0.72620696	NA
alpha2	0.98647450	NA
alpha3	1.94143573	NA

, , 64

	1	2
beta1	-0.82193547	-0.9524171
beta2	-0.97600298	0.9641854
beta3	-2.00598893	1.9492909
beta4	-3.01761189	2.9970876
delta	0.03947574	1.3918471
gama	0.32432133	0.2324941
sigma	0.57085870	1.4730012
lambda	0.06931744	2.8865931
alpha1	0.76030359	NA
alpha2	0.99302498	NA
alpha3	1.94466036	NA

, , 65

	1	2
beta1	-1.09758323	-0.6266194
beta2	-0.93155217	0.9528872
beta3	-1.94555671	2.0133022
beta4	-2.96966198	2.9618453
delta	0.06178191	1.2321339
gama	0.35683083	0.2938339
sigma	0.60053962	1.3461010
lambda	0.10342610	2.2730394
alpha1	0.79158401	NA
alpha2	0.84516061	NA
alpha3	2.01194188	NA

, , 66

	1	2
beta1	-1.17068353	-1.0894768

beta2	-0.98219823	1.0003668
beta3	-1.96554136	1.9822068
beta4	-2.87579423	3.0334530
delta	0.06569603	1.2962801
gama	0.36116421	0.1394243
sigma	0.60454957	1.3489872
lambda	0.10931677	3.4715998
alpha1	0.60835913	NA
alpha2	1.03217770	NA
alpha3	2.03422166	NA

, , 67

	1	2
beta1	-0.73588602	-1.0342189
beta2	-1.01597996	1.0295337
beta3	-2.00917855	2.0957225
beta4	-3.02895754	2.9703653
delta	0.03919863	1.3656843
gama	0.45361995	0.1309768
sigma	0.67465286	1.4128236
lambda	0.05820024	3.7735771
alpha1	1.00250035	NA
alpha2	1.23883141	NA
alpha3	2.13114798	NA

, , 68

	1	2
beta1	-0.7322086	-1.2081816
beta2	-1.0313279	1.0852916
beta3	-2.0202227	2.0723324
beta4	-2.9941414	3.0171035
delta	0.0635842	1.2758324
gama	0.3878644	0.2140338
sigma	0.6260251	1.3571228
lambda	0.1020961	2.7577348
alpha1	0.7162435	NA
alpha2	0.9516704	NA
alpha3	1.7340000	NA

, , 69

	1	2
beta1	-0.72756538	-0.7440760
beta2	-1.01493455	0.9248713
beta3	-1.98078774	2.0129982
beta4	-3.04964733	2.9973236
delta	0.04727869	1.3463913
gama	0.46701528	0.1741815
sigma	0.68501865	1.4095925
lambda	0.06918308	3.2260442
alpha1	0.56537074	NA
alpha2	1.04017044	NA
alpha3	2.14784115	NA

, , 70

	1	2
beta1	-1.01203091	-0.8187463
beta2	-1.04441151	1.0362578
beta3	-1.98294122	1.9908173
beta4	-2.90113270	2.9673694
delta	0.04392147	0.9823202
gama	0.43415389	0.3869775
sigma	0.66036580	1.1627255
lambda	0.06665842	1.5791022
alpha1	0.76287329	NA
alpha2	1.01386627	NA
alpha3	1.76781285	NA

, , 71

	1	2
beta1	-0.8107837	-0.6698371
beta2	-0.9995012	0.9731451
beta3	-1.9754171	2.0148377
beta4	-3.0007600	2.9827112
delta	0.0672805	1.1426668
gama	0.3306803	0.1929349
sigma	0.5789706	1.2241823
lambda	0.1169998	2.6014424
alpha1	0.4689579	NA
alpha2	0.8371776	NA
alpha3	1.8074244	NA

, , 72

	1	2
beta1	-0.74593196	-0.6652392
beta2	-1.03135467	0.9819915
beta3	-2.00908193	2.0076773
beta4	-2.97045387	2.9170232
delta	0.05355840	1.2582933
gama	0.32678114	0.2732009
sigma	0.57415123	1.3625354
lambda	0.09369126	2.4073588
alpha1	0.58045914	NA
alpha2	0.81471917	NA
alpha3	2.23702533	NA

, , 73

	1	2
beta1	-0.81086787	-0.7552560
beta2	-1.00682084	0.9273494
beta3	-2.05079898	2.0885927
beta4	-3.00883387	2.9918522
delta	0.07673218	1.3028924
gama	0.34825758	0.1424151
sigma	0.59510118	1.3564452
lambda	0.13002511	3.4524750
alpha1	0.78496815	NA
alpha2	1.04554373	NA
alpha3	2.02848670	NA

, , 74

	1	2
beta1	-0.7525999	-1.0286645
beta2	-0.9975785	1.0546566
beta3	-1.9335304	1.9175760
beta4	-3.0297191	2.9977807
delta	0.0618535	1.2176204
gama	0.3767096	0.2870861
sigma	0.6168755	1.3302953
lambda	0.1007769	2.2725103
alpha1	0.7086619	NA
alpha2	0.9430345	NA

alpha3 1.9429276 NA

, , 75

	1	2
beta1	-0.94950322	-1.1559020
beta2	-0.99867174	0.9845523
beta3	-1.93408459	1.9476165
beta4	-2.98815132	3.0217766
delta	0.07799002	1.3915858
gama	0.38628216	0.2108837
sigma	0.62639014	1.4653992
lambda	0.12548353	3.0303202
alpha1	0.71429573	NA
alpha2	0.98275697	NA
alpha3	2.11166669	NA

, , 76

	1	2
beta1	-0.96315014	-0.9254221
beta2	-0.96823931	1.0111136
beta3	-1.96636822	1.9303563
beta4	-3.01546071	2.9496474
delta	0.08248397	1.4167645
gama	0.38250521	0.1527926
sigma	0.62394617	1.4696987
lambda	0.13336777	3.6244863
alpha1	0.92852541	NA
alpha2	1.05346016	NA
alpha3	2.00732525	NA

, , 77

	1	2
beta1	-0.78845804	-0.5926925
beta2	-1.02490898	1.0283480
beta3	-2.01767430	1.9780954
beta4	-2.98224237	2.8569807
delta	0.05548479	1.1089945
gama	0.36659618	0.2589476
sigma	0.60800883	1.2201706
lambda	0.09163892	2.1793321

alpha1	0.69861101	NA
alpha2	0.83259184	NA
alpha3	2.19232304	NA

, , 78

	1	2
beta1	-0.84993678	-0.7963287
beta2	-0.97274403	0.9381875
beta3	-1.99564452	1.9620307
beta4	-3.01903254	2.9799001
delta	0.06372101	1.3370202
gama	0.31992141	0.1136625
sigma	0.56919397	1.3788711
lambda	0.11265773	3.9657861
alpha1	0.74740151	NA
alpha2	1.08389447	NA
alpha3	1.88035905	NA

, , 79

	1	2
beta1	-0.92076195	-1.0074290
beta2	-0.96492803	0.9535766
beta3	-1.98367523	2.0025359
beta4	-2.98293144	3.0469760
delta	0.07370742	1.3831594
gama	0.30645947	0.1252552
sigma	0.55847315	1.4277203
lambda	0.13314495	3.9081783
alpha1	0.77241455	NA
alpha2	0.99324720	NA
alpha3	2.22436813	NA

, , 80

	1	2
beta1	-0.54993845	-1.3676658
beta2	-1.08355649	1.0233692
beta3	-2.04132088	1.9510378
beta4	-2.98684179	3.0957036
delta	0.06112469	1.3066958
gama	0.31324773	0.1219288

sigma	0.56301329	1.3525468
lambda	0.10921259	3.7421508
alpha1	0.76431824	NA
alpha2	0.84460198	NA
alpha3	1.77617148	NA

, , 81

	1	2
beta1	-1.01680342	-1.29332263
beta2	-0.96238229	1.01953709
beta3	-2.01254451	2.03923635
beta4	-2.96642971	3.05324267
delta	0.03751825	1.56845649
gama	0.38125757	0.07204291
sigma	0.61859938	1.59125695
lambda	0.06076217	5.84355130
alpha1	0.79191226	NA
alpha2	1.09199978	NA
alpha3	1.81188619	NA

, , 82

	1	2
beta1	-0.69670425	-0.4416921
beta2	-1.02595778	0.8903772
beta3	-2.03333300	2.0093075
beta4	-3.00977892	2.9507800
delta	0.07147453	1.2977631
gama	0.37633609	0.1605824
sigma	0.61761210	1.3582236
lambda	0.11651005	3.2385187
alpha1	0.82894154	NA
alpha2	0.89766528	NA
alpha3	1.81532867	NA

, , 83

	1	2
beta1	-0.69456082	-1.1855970
beta2	-0.98011397	1.0452060
beta3	-1.99856659	2.0114419
beta4	-3.05997625	2.9907728

delta	0.04523780	1.4292842
gama	0.36314821	0.1072302
sigma	0.60431339	1.4663163
lambda	0.07506882	4.3647573
alpha1	0.99773568	NA
alpha2	1.12240366	NA
alpha3	2.20195461	NA

, , 84

	1	2
beta1	-0.71239985	-0.5958253
beta2	-1.01859998	0.9222116
beta3	-2.06261993	1.9999608
beta4	-3.00632123	2.9716525
delta	0.04610580	1.1335285
gama	0.33825201	0.2201136
sigma	0.58341902	1.2267846
lambda	0.07927483	2.4160675
alpha1	0.95463770	NA
alpha2	1.13351213	NA
alpha3	2.27419064	NA

, , 85

	1	2
beta1	-0.73543605	-1.2518452
beta2	-1.02058413	1.0490259
beta3	-2.06144148	2.0136196
beta4	-2.99716060	3.0004905
delta	0.05375132	1.5096006
gama	0.32076936	0.1416431
sigma	0.56890998	1.5558076
lambda	0.09490579	4.0111075
alpha1	0.67424210	NA
alpha2	0.96015690	NA
alpha3	2.19022118	NA

, , 86

	1	2
beta1	-1.20800996	-0.8564502
beta2	-0.93849079	0.9911201

beta3	-2.06727770	2.0002737
beta4	-2.95824611	2.9530285
delta	0.05658484	1.2319876
gama	0.38995995	0.1679725
sigma	0.62702615	1.2983705
lambda	0.09061291	3.0059878
alpha1	0.71114458	NA
alpha2	1.00472364	NA
alpha3	1.71150808	NA

, , 87

	1	2
beta1	-0.8280416	-0.8969499
beta2	-1.0002497	0.9229035
beta3	-2.0098305	2.0223545
beta4	-2.9996777	3.0867157
delta	0.0540436	1.2019198
gama	0.3704129	0.2729663
sigma	0.6110103	1.3105638
lambda	0.0887976	2.3004933
alpha1	0.6264131	NA
alpha2	0.9484735	NA
alpha3	2.0231272	NA

, , 88

	1	2
beta1	-0.79467591	-0.7932205
beta2	-1.01357290	1.0078771
beta3	-2.00051167	2.0164969
beta4	-2.98414462	2.9639738
delta	0.05295939	1.2669134
gama	0.33788256	0.2782073
sigma	0.58368421	1.3723254
lambda	0.09110876	2.4019430
alpha1	0.77479441	NA
alpha2	1.01659534	NA
alpha3	2.17676678	NA

, , 89

	1	2
--	---	---

beta1	-0.73446543	-0.5893524
beta2	-1.00295155	1.0336968
beta3	-2.00152659	2.0275782
beta4	-3.04301342	2.7950471
delta	0.07940892	1.4116296
gama	0.31999197	0.1707463
sigma	0.57122478	1.4708652
lambda	0.14037822	3.4162141
alpha1	0.86145211	NA
alpha2	1.14245586	NA
alpha3	2.00051467	NA

, , 90

	1	2
beta1	-0.7505799	-0.8907023
beta2	-1.0258724	0.9021610
beta3	-2.0052768	1.9857342
beta4	-2.9960383	3.0437408
delta	0.0794310	1.4334108
gama	0.3530701	0.1774677
sigma	0.5994826	1.4940329
lambda	0.1336779	3.4026007
alpha1	0.5485837	NA
alpha2	0.8749735	NA
alpha3	2.0199422	NA

, , 91

	1	2
beta1	-0.95031110	-1.27480340
beta2	-0.95680511	0.95550368
beta3	-2.01385589	1.95379187
beta4	-2.99242116	3.07569125
delta	0.06275623	1.63822337
gama	0.33944376	0.04961559
sigma	0.58598814	1.65329713
lambda	0.10771419	7.35468424
alpha1	0.64716274	NA
alpha2	0.82034120	NA
alpha3	1.90965995	NA

, , 92

	1	2
beta1	-0.85247347	-1.0151733
beta2	-0.97967299	0.9978186
beta3	-2.00993197	1.9897695
beta4	-3.03316886	3.0025303
delta	0.07288805	1.3121614
gama	0.33062724	0.1673459
sigma	0.57960323	1.3744502
lambda	0.12676139	3.2075959
alpha1	0.66848365	NA
alpha2	0.92857941	NA
alpha3	2.18575685	NA

, , 93

	1	2
beta1	-1.16898302	-1.1295407
beta2	-0.95209298	1.0509692
beta3	-1.98390147	1.9692509
beta4	-2.94986155	3.0017448
delta	0.07200312	1.1829535
gama	0.40456621	0.1913729
sigma	0.64011769	1.2612501
lambda	0.11320263	2.7041289
alpha1	0.81564274	NA
alpha2	0.85857083	NA
alpha3	2.13951769	NA

, , 94

	1	2
beta1	-0.83254987	-0.9640677
beta2	-1.00093824	1.0311980
beta3	-2.00489263	2.0034055
beta4	-3.01824268	2.9630086
delta	0.05966396	1.2276370
gama	0.38506911	0.2786145
sigma	0.62340107	1.3363036
lambda	0.09614854	2.3257772
alpha1	0.55351784	NA
alpha2	0.92242084	NA
alpha3	1.84794450	NA

, , 95

	1	2
beta1	-0.79515071	-1.3151253
beta2	-1.02453674	1.0362066
beta3	-1.98250791	2.0929123
beta4	-2.97508155	3.0356857
delta	0.03105079	1.4978482
gama	0.38401510	0.1452752
sigma	0.62046696	1.5455822
lambda	0.05010700	3.9298143
alpha1	0.65679702	NA
alpha2	0.90501208	NA
alpha3	1.98299433	NA

, , 96

	1	2
beta1	-0.63307569	-0.7092192
beta2	-1.01543294	0.9711676
beta3	-1.97654927	2.0129238
beta4	-3.01610431	2.9017209
delta	0.07265784	1.3714479
gama	0.29932075	0.2408978
sigma	0.55190571	1.4566287
lambda	0.13280489	2.7942348
alpha1	0.76092306	NA
alpha2	1.19982599	NA
alpha3	2.29558904	NA

, , 97

	1	2
beta1	-0.67647805	-0.7569861
beta2	-1.05770917	0.9604184
beta3	-2.00113622	2.0203683
beta4	-2.99098989	2.9414101
delta	0.07438003	1.3776182
gama	0.37849563	0.1685563
sigma	0.61969995	1.4374937
lambda	0.12089989	3.3554937
alpha1	0.63060229	NA

alpha2	1.24848705	NA
alpha3	2.07063668	NA

, , 98

	1	2
beta1	-0.58465587	-1.1886684
beta2	-1.05627375	1.0271347
beta3	-1.97354128	2.0124538
beta4	-3.01912193	3.0109455
delta	0.03261186	1.3271280
gama	0.33263807	0.2424978
sigma	0.57766911	1.4155446
lambda	0.05654440	2.6950008
alpha1	0.75279030	NA
alpha2	1.13085978	NA
alpha3	2.16616412	NA

, , 99

	1	2
beta1	-0.9125858	-1.1230546
beta2	-0.9762545	1.0025641
beta3	-1.9712129	2.0000556
beta4	-2.9981055	3.0291827
delta	0.0857140	1.3562419
gama	0.4066800	0.1939769
sigma	0.6434492	1.4259625
lambda	0.1344081	3.0793721
alpha1	0.6708547	NA
alpha2	1.0081363	NA
alpha3	2.2931081	NA

, , 100

	1	2
beta1	-0.52494531	-1.0755832
beta2	-1.04549900	1.0285851
beta3	-2.03591535	1.9995796
beta4	-3.05053919	2.9886461
delta	0.04124531	1.3716591
gama	0.32389189	0.1983211
sigma	0.57060762	1.4421407

lambda	0.07247271	3.0800779
alpha1	0.75571096	NA
alpha2	1.10672493	NA
alpha3	1.86924849	NA

\$`n = 500`\$`cen = 0.15`
, , 1

	1	2
beta1	-0.82977735	-1.39065365
beta2	-1.00740579	1.01880431
beta3	-1.95753484	2.09226442
beta4	-2.99283343	3.09151132
delta	0.06165785	1.45407534
gama	0.33418598	0.08919785
sigma	0.58136707	1.48443017
lambda	0.10665821	4.86866314
alpha1	0.82376470	NA
alpha2	1.07768140	NA
alpha3	2.15068565	NA

, , 2

	1	2
beta1	-0.61960949	-1.1564749
beta2	-1.02039843	0.9763459
beta3	-2.00992401	1.9723399
beta4	-3.06386077	3.0444577
delta	0.08303138	1.4513397
gama	0.38578001	0.2164620
sigma	0.62663723	1.5240895
lambda	0.13368184	3.1194513
alpha1	0.76693476	NA
alpha2	1.02905816	NA
alpha3	2.32386839	NA

, , 3

	1	2
beta1	-0.51614397	-0.9688724
beta2	-1.01778799	0.9188368
beta3	-1.95577553	1.9698236

beta4	-3.07197889	3.0614161
delta	0.06110556	1.3393098
gama	0.29332694	0.2015982
sigma	0.54503287	1.4125682
lambda	0.11282485	2.9828932
alpha1	0.80113202	NA
alpha2	1.19443433	NA
alpha3	2.26196315	NA

, , 4

	1	2
beta1	-0.77700463	-1.1856238
beta2	-0.98732379	1.0051396
beta3	-1.96142695	2.0352053
beta4	-3.02375417	3.0174367
delta	0.05263448	1.3277205
gama	0.35779945	0.1656213
sigma	0.60047468	1.3886911
lambda	0.08799348	3.2624855
alpha1	0.84295644	NA
alpha2	0.99686395	NA
alpha3	1.65952409	NA

, , 5

	1	2
beta1	-0.9253749	-1.3234688
beta2	-0.9653874	1.0115125
beta3	-2.0405708	2.0956510
beta4	-3.0028188	3.1447379
delta	0.1009606	1.2100781
gama	0.2649711	0.2354022
sigma	0.5245609	1.3037221
lambda	0.1961338	2.4940671
alpha1	0.4465053	NA
alpha2	0.9287502	NA
alpha3	2.0134233	NA

, , 6

	1	2
beta1	-0.69570526	-1.1165764

beta2	-1.06270700	1.0097330
beta3	-2.02616811	2.0210048
beta4	-2.99317587	3.0560249
delta	0.06719227	1.1605160
gama	0.38534243	0.2874673
sigma	0.62438548	1.2783837
lambda	0.10824203	2.1644966
alpha1	0.62834758	NA
alpha2	0.79436443	NA
alpha3	1.78539293	NA

, , 7

	1	2
beta1	-0.35011851	-0.7180606
beta2	-1.00349404	1.0074501
beta3	-2.01774571	2.0361158
beta4	-3.17861396	2.9294932
delta	0.03181942	1.0772625
gama	0.36438513	0.3270526
sigma	0.60448127	1.2196504
lambda	0.05271230	1.8837043
alpha1	0.94171743	NA
alpha2	1.08596411	NA
alpha3	1.96241599	NA

, , 8

	1	2
beta1	-0.83074112	-1.56261186
beta2	-0.97345755	0.97397840
beta3	-1.94931608	1.92416986
beta4	-3.01281333	3.20373590
delta	0.06460765	1.45799640
gama	0.36169004	0.07866846
sigma	0.60486708	1.48472959
lambda	0.10742755	5.19823763
alpha1	0.90726963	NA
alpha2	1.25165832	NA
alpha3	2.00021277	NA

, , 9

	1	2
beta1	-0.58459589	-0.89497925
beta2	-1.03979373	0.96831871
beta3	-2.13627802	1.99414129
beta4	-3.09506917	2.94692428
delta	0.05636643	1.47141341
gama	0.34251874	0.09025801
sigma	0.58795911	1.50177077
lambda	0.09631155	4.89769608
alpha1	0.73773709	NA
alpha2	0.96937892	NA
alpha3	2.23123371	NA

, , 10

	1	2
beta1	-0.49357072	-1.2051526
beta2	-1.04167954	1.0105055
beta3	-2.07212183	1.9649338
beta4	-3.06583836	3.0707080
delta	0.04867782	1.3312238
gama	0.37891433	0.2249801
sigma	0.61748187	1.4132009
lambda	0.07907890	2.8065901
alpha1	0.63886983	NA
alpha2	0.94674223	NA
alpha3	1.98228702	NA

, , 11

	1	2
beta1	-1.05208015	-0.5079704
beta2	-0.96595587	0.9445470
beta3	-2.05079890	1.9270364
beta4	-2.94895807	2.9712056
delta	0.04836283	1.0336766
gama	0.38076232	0.3926691
sigma	0.61895176	1.2087831
lambda	0.07837629	1.6495723
alpha1	0.68375988	NA
alpha2	1.04451965	NA
alpha3	1.82741206	NA

, , 12

	1	2
beta1	-0.65045922	-0.9434576
beta2	-1.02231806	1.0074639
beta3	-2.04699236	1.9765484
beta4	-3.00031879	2.9576572
delta	0.06206003	1.4173051
gama	0.30226876	0.1931717
sigma	0.55328131	1.4838886
lambda	0.11287957	3.2247168
alpha1	0.88686324	NA
alpha2	1.16706009	NA
alpha3	1.98861844	NA

, , 13

	1	2
beta1	-0.9025253	-1.0602171
beta2	-0.9868830	1.0345898
beta3	-1.9519371	2.0367035
beta4	-2.9838578	2.9953251
delta	0.0782179	1.1488523
gama	0.3557427	0.3029026
sigma	0.6015486	1.2738776
lambda	0.1311409	2.0874337
alpha1	1.0860440	NA
alpha2	1.3938086	NA
alpha3	2.3498798	NA

, , 14

	1	2
beta1	-0.71773667	-1.0813222
beta2	-0.99620345	0.9873613
beta3	-2.04548386	2.0065845
beta4	-3.04396913	3.0583934
delta	0.04230873	1.3657824
gama	0.33050722	0.2529106
sigma	0.57645230	1.4554285
lambda	0.07359350	2.7158012
alpha1	0.49208048	NA
alpha2	0.81638340	NA

alpha3 1.77930633 NA

, , 15

	1	2
beta1	-0.85366214	-0.6630838
beta2	-1.03768888	0.9504957
beta3	-1.91150521	1.9431962
beta4	-2.90983831	3.0081764
delta	0.03686357	1.1190785
gama	0.39473144	0.3711996
sigma	0.62935710	1.2741806
lambda	0.05867411	1.8367786
alpha1	0.70458864	NA
alpha2	1.03146627	NA
alpha3	1.82020677	NA

, , 16

	1	2
beta1	-0.85527506	-1.06651197
beta2	-0.98801595	0.97737188
beta3	-2.01525996	2.04433397
beta4	-3.01791349	3.00607866
delta	0.06121320	1.43992900
gama	0.38865073	0.09145685
sigma	0.62641663	1.47134374
lambda	0.09818957	4.76138119
alpha1	0.81091491	NA
alpha2	1.02461843	NA
alpha3	1.90404484	NA

, , 17

	1	2
beta1	-0.74445860	-0.8917359
beta2	-1.02700586	0.9625552
beta3	-2.03515526	2.0003667
beta4	-3.01040703	2.9565114
delta	0.07126108	1.3335134
gama	0.30442626	0.1215025
sigma	0.55633120	1.3783180
lambda	0.12915503	3.8256455

alpha1	0.81739413	NA
alpha2	1.13098838	NA
alpha3	2.21450852	NA

, , 18

	1	2
beta1	-0.65214982	-0.7719075
beta2	-1.03216922	1.0033395
beta3	-2.04121785	2.0354388
beta4	-3.03524926	2.9385732
delta	0.07069951	1.4081323
gama	0.39717671	0.2463300
sigma	0.63417279	1.4930393
lambda	0.11218234	2.8371664
alpha1	0.76299194	NA
alpha2	1.02310745	NA
alpha3	2.17831540	NA

, , 19

	1	2
beta1	-0.64182784	-0.8908964
beta2	-1.01619230	0.9564691
beta3	-2.02606705	2.0453280
beta4	-3.05827188	3.0144897
delta	0.06409771	1.3120779
gama	0.32675292	0.2068966
sigma	0.57520556	1.3886846
lambda	0.11213283	2.8845826
alpha1	0.72521085	NA
alpha2	0.98806629	NA
alpha3	2.24878443	NA

, , 20

	1	2
beta1	-0.95244499	-0.78650888
beta2	-0.96667566	0.92973264
beta3	-2.04411847	2.04602959
beta4	-2.99304763	2.94304419
delta	0.04123720	1.36180025
gama	0.40050701	0.08455959

sigma	0.63419833	1.39250117
lambda	0.06516046	4.68308433
alpha1	1.01010162	NA
alpha2	0.98302086	NA
alpha3	2.25774903	NA

, , 21

	1	2
beta1	-0.6904285	-1.03027662
beta2	-0.9959334	1.02759104
beta3	-2.0251167	2.00145542
beta4	-3.0784009	2.94251711
delta	0.0816639	1.42985695
gama	0.3541672	0.07469416
sigma	0.6006964	1.45574210
lambda	0.1372227	5.23177743
alpha1	0.7047114	NA
alpha2	1.1589074	NA
alpha3	2.2318660	NA

, , 22

	1	2
beta1	-1.25724061	-0.8258441
beta2	-0.93428714	1.0624332
beta3	-2.01412476	1.9153800
beta4	-2.91541523	2.8959883
delta	0.07848011	1.2460565
gama	0.41291500	0.1598099
sigma	0.64735935	1.3086125
lambda	0.12213194	3.1169933
alpha1	0.76896309	NA
alpha2	1.18961309	NA
alpha3	2.42686731	NA

, , 23

	1	2
beta1	-0.84702089	-1.2671722
beta2	-1.05288205	1.0563313
beta3	-2.03316004	2.0695560
beta4	-2.93460445	3.0513422

delta	0.05029112	1.3113692
gama	0.38201815	0.1880297
sigma	0.62011881	1.3812020
lambda	0.08136719	3.0242084
alpha1	1.04932510	NA
alpha2	1.20858133	NA
alpha3	2.35993384	NA

, , 24

	1	2
beta1	-1.30644331	-1.1476276
beta2	-0.87997243	1.0477418
beta3	-1.96069975	1.9602596
beta4	-2.94552337	2.9909051
delta	0.07670416	1.4663909
gama	0.38454009	0.2318675
sigma	0.62483888	1.5434279
lambda	0.12369385	3.0452981
alpha1	0.76206264	NA
alpha2	1.17701643	NA
alpha3	2.56959371	NA

, , 25

	1	2
beta1	-0.78033627	-0.8267214
beta2	-1.03208706	0.9914775
beta3	-2.03730364	2.0400464
beta4	-3.03482365	2.9661024
delta	0.07180484	1.2927802
gama	0.38618604	0.1877335
sigma	0.62557331	1.3634567
lambda	0.11554613	2.9836903
alpha1	0.61763847	NA
alpha2	0.99549717	NA
alpha3	2.03246645	NA

, , 26

	1	2
beta1	-0.49119583	-1.0450706
beta2	-1.06848689	1.0542225

beta3	-2.00383081	2.0958862
beta4	-3.05477985	2.9501139
delta	0.06204311	1.2564865
gama	0.43495410	0.1846276
sigma	0.66242241	1.3279254
lambda	0.09407448	2.9242167
alpha1	0.84102395	NA
alpha2	1.05861704	NA
alpha3	2.56333211	NA

, , 27

	1	2
beta1	-1.13998655	-1.15703138
beta2	-0.96849703	1.08861299
beta3	-1.99811164	1.98173281
beta4	-2.90263974	2.92430713
delta	0.06604342	1.51827690
gama	0.34030630	0.04600067
sigma	0.58708435	1.53335104
lambda	0.11321254	7.07895073
alpha1	0.60063064	NA
alpha2	0.83858934	NA
alpha3	2.16189403	NA

, , 28

	1	2
beta1	-0.74647626	-1.0517935
beta2	-1.02461154	0.9890006
beta3	-1.97535362	2.0197754
beta4	-2.99510436	3.0386091
delta	0.05006046	1.2909900
gama	0.41021144	0.2381028
sigma	0.64243092	1.3801297
lambda	0.07816116	2.6457002
alpha1	0.70980269	NA
alpha2	0.79955235	NA
alpha3	1.96129658	NA

, , 29

	1	2
--	---	---

beta1	-0.77089065	-1.06488935
beta2	-1.03993009	0.96592520
beta3	-1.96353786	1.87532558
beta4	-2.97956714	3.00695036
delta	0.04090185	1.49757961
gama	0.35419327	0.04568909
sigma	0.59654524	1.51275702
lambda	0.06872628	7.00621818
alpha1	0.74284097	NA
alpha2	1.02278508	NA
alpha3	2.22217821	NA

, , 30

	1	2
beta1	-0.7273523	-0.7643097
beta2	-0.9999322	0.9483541
beta3	-2.0432067	1.9529003
beta4	-3.0660035	3.0409121
delta	0.0907677	1.1516987
gama	0.3623362	0.2758771
sigma	0.6087487	1.2658148
lambda	0.1507910	2.1927092
alpha1	0.7511707	NA
alpha2	0.9327232	NA
alpha3	2.3416431	NA

, , 31

	1	2
beta1	-0.9543395	-1.1667513
beta2	-0.9322956	1.0328855
beta3	-1.9557093	2.1312162
beta4	-3.0157876	3.0784588
delta	0.0773027	1.2507373
gama	0.3264466	0.2123847
sigma	0.5765608	1.3329398
lambda	0.1352971	2.7139668
alpha1	0.7492275	NA
alpha2	1.1057356	NA
alpha3	2.2434018	NA

, , 32

	1	2
beta1	-0.82340523	-1.0786084
beta2	-1.04394963	1.0372937
beta3	-2.04013486	1.9810498
beta4	-2.97342839	3.0148134
delta	0.09073046	1.3615535
gama	0.35260290	0.1801076
sigma	0.60069536	1.4261611
lambda	0.15279535	3.2082532
alpha1	0.46167176	NA
alpha2	0.72176607	NA
alpha3	1.62091270	NA

, , 33

	1	2
beta1	-0.83222842	-0.8527854
beta2	-1.01101564	0.9315506
beta3	-2.00102349	1.9816720
beta4	-2.96934479	3.0276076
delta	0.04664725	1.2131048
gama	0.37082592	0.2836524
sigma	0.61073880	1.3248682
lambda	0.07660216	2.2777452
alpha1	0.47781855	NA
alpha2	0.84766962	NA
alpha3	2.14279489	NA

, , 34

	1	2
beta1	-0.99074137	-1.3127995
beta2	-0.97911832	0.9590087
beta3	-1.93461688	1.9930839
beta4	-2.95347162	3.1220456
delta	0.06967158	1.4260037
gama	0.32764443	0.1247878
sigma	0.57662688	1.4691067
lambda	0.12171785	4.0367753
alpha1	0.65541552	NA
alpha2	0.87686521	NA
alpha3	2.01334490	NA

, , 35

	1	2
beta1	-0.64686779	-0.8581140
beta2	-1.02471636	1.0094898
beta3	-1.97480119	2.0460133
beta4	-3.01536947	2.9475039
delta	0.05601830	1.2067997
gama	0.36291404	0.2142926
sigma	0.60502239	1.2925394
lambda	0.09298825	2.6069436
alpha1	0.60789848	NA
alpha2	0.97541465	NA
alpha3	2.17492618	NA

, , 36

	1	2
beta1	-0.89295765	-0.9715753
beta2	-0.96896254	1.0338233
beta3	-2.02034976	2.0460817
beta4	-3.00994120	2.9965314
delta	0.07661387	1.2583693
gama	0.32191003	0.3133579
sigma	0.57252049	1.3772622
lambda	0.13503307	2.2479559
alpha1	0.96437733	NA
alpha2	1.15959563	NA
alpha3	2.32032212	NA

, , 37

	1	2
beta1	-1.31331949	-0.9809149
beta2	-0.94510766	0.9397564
beta3	-1.93136383	2.0139796
beta4	-2.85027026	3.0065929
delta	0.06950694	1.4769152
gama	0.33459530	0.1123674
sigma	0.58260323	1.5144788
lambda	0.12016231	4.4059072
alpha1	0.66584823	NA

alpha2	1.06859420	NA
alpha3	2.28473144	NA

, , 38

	1	2
beta1	-0.70304667	-0.9416241
beta2	-1.01937868	0.9709168
beta3	-2.05000883	2.0015080
beta4	-3.03410639	2.9943603
delta	0.08095084	1.4091998
gama	0.40300009	0.1175181
sigma	0.63996338	1.4502972
lambda	0.12751720	4.1107424
alpha1	0.59504577	NA
alpha2	0.99523178	NA
alpha3	2.12561390	NA

, , 39

	1	2
beta1	-1.02628802	-1.2778747
beta2	-1.01860982	1.1085689
beta3	-1.93046081	1.9966588
beta4	-2.88357175	3.0851794
delta	0.04667542	1.0409837
gama	0.39971406	0.3632387
sigma	0.63395004	1.2028656
lambda	0.07382672	1.7272209
alpha1	0.96389606	NA
alpha2	1.21977434	NA
alpha3	1.90411014	NA

, , 40

	1	2
beta1	-0.94508008	-0.62280148
beta2	1.01489781	-1.02513971
beta3	2.09458665	-1.95544386
beta4	2.93924244	-3.06940695
delta	1.40594412	0.08055672
gama	0.08909798	0.36907451
sigma	1.43728106	0.61283268

lambda	4.71014341	0.13260038
alpha1	-0.51076521	NA
alpha2	-1.00238615	NA
alpha3	-1.90246838	NA

, , 41

	1	2
beta1	-0.64048177	-1.2891937
beta2	-1.03234225	1.0581988
beta3	-2.00700026	1.9823570
beta4	-3.01092902	2.9997149
delta	0.05426752	1.5236806
gama	0.25573783	0.1039001
sigma	0.50860869	1.5574025
lambda	0.10731056	4.7270038
alpha1	0.63879870	NA
alpha2	0.93367905	NA
alpha3	1.77886225	NA

, , 42

	1	2
beta1	-0.97672559	-0.8307442
beta2	-1.00116907	0.9292114
beta3	-1.97106877	2.0054874
beta4	-2.94244254	3.0694255
delta	0.07138822	1.2561043
gama	0.37480900	0.2903275
sigma	0.61636457	1.3667939
lambda	0.11660618	2.3312111
alpha1	0.57968521	NA
alpha2	0.95659064	NA
alpha3	1.84014605	NA

, , 43

	1	2
beta1	-0.65400924	-0.8688625
beta2	-1.01806400	0.9211454
beta3	-1.97762074	1.9622344
beta4	-3.05180948	3.0185361
delta	0.07009615	1.3228887

gama	0.37387934	0.1238955
sigma	0.61546147	1.3689156
lambda	0.11463796	3.7583356
alpha1	0.51859353	NA
alpha2	0.76975611	NA
alpha3	2.01914025	NA

, , 44

	1	2
beta1	-0.51417899	-1.2336809
beta2	-1.03308874	1.0104660
beta3	-1.94548619	2.0472972
beta4	-3.09063132	3.0246229
delta	0.05764352	1.5064435
gama	0.41779139	0.2179726
sigma	0.64893310	1.5771317
lambda	0.08918068	3.2266503
alpha1	0.68932194	NA
alpha2	0.88950049	NA
alpha3	2.08471344	NA

, , 45

	1	2
beta1	-0.81714142	-0.9817431
beta2	-0.97178505	0.9269871
beta3	-2.05045567	1.9204392
beta4	-3.05127478	3.0522621
delta	0.05990943	1.4792228
gama	0.29484273	0.1711553
sigma	0.54628918	1.5359868
lambda	0.11033162	3.5755139
alpha1	0.70891785	NA
alpha2	1.10388544	NA
alpha3	1.94812030	NA

, , 46

	1	2
beta1	-1.17245019	-1.3969762
beta2	-0.90862876	0.9681951
beta3	-1.95658920	2.0360828

beta4	-2.96451984	3.1271794
delta	0.06738794	1.4959664
gama	0.37068179	0.1423698
sigma	0.61255442	1.5428174
lambda	0.11068317	3.9647236
alpha1	0.86413920	NA
alpha2	1.05953001	NA
alpha3	2.49589001	NA

, , 47

	1	2
beta1	-0.50293666	-0.93959169
beta2	-1.05183076	0.93299275
beta3	-1.96728482	2.05363404
beta4	-3.07404340	3.01400842
delta	0.06814322	1.57518626
gama	0.41847639	0.07604832
sigma	0.65047666	1.59914354
lambda	0.10533852	5.71198559
alpha1	0.77723757	NA
alpha2	1.11980984	NA
alpha3	2.18661247	NA

, , 48

	1	2
beta1	-0.80031794	-0.9648170
beta2	-1.00739823	1.0234061
beta3	-1.97232041	1.9678194
beta4	-3.00272323	2.9821750
delta	0.08523492	1.3317951
gama	0.34774546	0.1395051
sigma	0.59582754	1.3831787
lambda	0.14453960	3.5656799
alpha1	0.72278885	NA
alpha2	0.86816963	NA
alpha3	1.95073124	NA

, , 49

	1	2
beta1	-0.64716009	-1.0561046

beta2	-1.03303287	0.9966013
beta3	-1.94905305	1.9805099
beta4	-3.02433234	3.0466103
delta	0.08576382	1.2806391
gama	0.31258855	0.2246980
sigma	0.56563591	1.3655528
lambda	0.15339726	2.7016382
alpha1	0.77471152	NA
alpha2	1.24273708	NA
alpha3	2.04658903	NA

, , 50

	1	2
beta1	-0.9261884	-0.92268846
beta2	0.9737128	-1.02004330
beta3	2.0841670	-1.99139104
beta4	3.0506876	-2.94914336
delta	1.2064568	0.06726738
gama	0.3432868	0.37772148
sigma	1.3412027	0.61826077
lambda	2.0591273	0.10945072
alpha1	-0.3171892	NA
alpha2	-0.7930535	NA
alpha3	-2.0548359	NA

, , 51

	1	2
beta1	-0.64721139	-1.5023903
beta2	-1.10851080	1.1000553
beta3	-2.00655384	1.9799324
beta4	-2.98808760	3.0864984
delta	0.09144984	1.3796232
gama	0.41586730	0.1775722
sigma	0.65132970	1.4425437
lambda	0.14180958	3.2739575
alpha1	0.74581862	NA
alpha2	0.86975238	NA
alpha3	1.89628635	NA

, , 52

	1	2
beta1	-0.8642885	-0.8361245
beta2	-0.9748251	0.9462043
beta3	-1.9981296	1.9480746
beta4	-3.0187028	2.9946770
delta	0.0828772	1.3911191
gama	0.3119845	0.1465531
sigma	0.5646708	1.4428324
lambda	0.1483777	3.6338480
alpha1	0.6030695	NA
alpha2	0.8645577	NA
alpha3	1.8199910	NA

, , 53

	1	2
beta1	-1.1416608	-0.8385619
beta2	-0.9277816	0.9705351
beta3	-2.0644673	2.0539198
beta4	-2.9581357	2.9735709
delta	0.0804348	1.2403706
gama	0.3572555	0.2306797
sigma	0.6030964	1.3301124
lambda	0.1345719	2.5825385
alpha1	0.5449367	NA
alpha2	0.7920480	NA
alpha3	2.0502257	NA

, , 54

	1	2
beta1	-0.78823444	-0.6828986
beta2	-0.99963655	0.8949422
beta3	-2.06702567	1.9775954
beta4	-3.04130062	2.9964826
delta	0.04775841	1.3303567
gama	0.42683189	0.2115151
sigma	0.65506698	1.4076093
lambda	0.07310069	2.8926604
alpha1	0.58189830	NA
alpha2	0.95936661	NA
alpha3	1.96516216	NA

, , 55

	1	2
beta1	-0.59738857	-0.4814692
beta2	-1.00715350	0.8929202
beta3	-1.95644967	1.9392408
beta4	-3.10293375	2.8838865
delta	0.07594793	1.4094060
gama	0.41623124	0.1446168
sigma	0.64961476	1.4598089
lambda	0.11771956	3.7061817
alpha1	0.60882950	NA
alpha2	0.85920527	NA
alpha3	1.90381681	NA

, , 56

	1	2
beta1	-0.56155393	-0.8496641
beta2	-1.05000694	0.9440982
beta3	-2.06660643	2.0300081
beta4	-3.05785752	2.9873564
delta	0.05423901	1.4973606
gama	0.38561774	0.1736253
sigma	0.62334550	1.5542568
lambda	0.08734404	3.5935188
alpha1	0.74437140	NA
alpha2	1.18250017	NA
alpha3	2.31936668	NA

, , 57

	1	2
beta1	-0.97708765	-0.8142860
beta2	-1.03172503	1.0111121
beta3	-1.91767458	1.9613963
beta4	-2.89622743	2.9227003
delta	0.05410028	1.2068824
gama	0.39480151	0.3403361
sigma	0.63065707	1.3404855
lambda	0.08610138	2.0687639
alpha1	0.84085025	NA
alpha2	1.00190110	NA

alpha3 1.81806938 NA

, , 58

	1	2
beta1	-0.9943052	-1.0982741
beta2	-1.0438005	0.9925845
beta3	-2.0442918	2.0546772
beta4	-2.8621894	3.0785615
delta	0.0756367	1.3454532
gama	0.3247969	0.2060567
sigma	0.5749068	1.4199652
lambda	0.1327170	2.9639796
alpha1	0.7635728	NA
alpha2	1.0168939	NA
alpha3	1.9049735	NA

, , 59

	1	2
beta1	-0.87050828	-1.1108214
beta2	-0.97736369	0.9727705
beta3	-2.06849547	1.9635763
beta4	-3.02786943	3.0504740
delta	0.08661185	1.3105472
gama	0.38987828	0.1608018
sigma	0.63038075	1.3705239
lambda	0.13871161	3.2681895
alpha1	0.52839904	NA
alpha2	1.04470972	NA
alpha3	1.93894492	NA

, , 60

	1	2
beta1	-0.60690364	-1.2369368
beta2	-1.03764003	0.9923485
beta3	-1.99175213	2.0011286
beta4	-3.05283758	3.0308702
delta	0.04353385	1.6217580
gama	0.37688541	0.0472973
sigma	0.61545155	1.6362752
lambda	0.07091244	7.4570641

alpha1	0.72576697	NA
alpha2	1.03830547	NA
alpha3	2.00498354	NA

, , 61

	1	2
beta1	-0.74463779	-1.2448641
beta2	-1.04267442	0.9827849
beta3	-2.04214930	1.9013177
beta4	-3.02423572	3.1112371
delta	0.05104814	1.2484905
gama	0.37772809	0.2282233
sigma	0.61671225	1.3367692
lambda	0.08305968	2.6133963
alpha1	0.70979309	NA
alpha2	0.86392391	NA
alpha3	1.70193386	NA

, , 62

	1	2
beta1	-0.78997544	-1.334114
beta2	-0.99375074	1.079376
beta3	-2.02840757	2.007425
beta4	-3.01121788	3.046728
delta	0.05948266	1.220555
gama	0.37190976	0.235001
sigma	0.61273807	1.313299
lambda	0.09753750	2.517806
alpha1	0.65816939	NA
alpha2	0.99651049	NA
alpha3	2.02544500	NA

, , 63

	1	2
beta1	-1.00431758	-1.2217988
beta2	-1.04047889	0.9970845
beta3	-1.94711283	1.9593035
beta4	-2.90173831	3.0593110
delta	0.07985295	1.2592209
gama	0.41656097	0.1688664

sigma	0.65033642	1.3245768
lambda	0.12372335	3.0642935
alpha1	0.81804005	NA
alpha2	1.12367309	NA
alpha3	1.90400848	NA

, , 64

	1	2
beta1	-1.00115380	-0.9045639
beta2	-0.92234223	1.0355610
beta3	-2.05039329	1.9768923
beta4	-2.99054474	2.9795804
delta	0.07707428	1.2314716
gama	0.32810236	0.1903696
sigma	0.57796436	1.3064808
lambda	0.13455654	2.8224457
alpha1	0.91076439	NA
alpha2	1.07605846	NA
alpha3	1.87438855	NA

, , 65

	1	2
beta1	-0.74288920	-1.1463088
beta2	-0.97373505	0.9754461
beta3	-2.01218738	1.9795734
beta4	-3.03308898	3.0089209
delta	0.04738337	1.5165892
gama	0.34478000	0.0646350
sigma	0.58908843	1.5377509
lambda	0.08069654	5.9653249
alpha1	0.51705703	NA
alpha2	0.89164539	NA
alpha3	2.09979020	NA

, , 66

	1	2
beta1	-1.0089923	-0.81595846
beta2	1.0362175	-1.01657399
beta3	1.9753469	-1.91659922
beta4	2.9583334	-2.99505878

delta	1.2849962	0.07193691
gama	0.2269937	0.36310804
sigma	1.3704776	0.60686322
lambda	2.6970871	0.11938063
alpha1	-0.5811600	NA
alpha2	-1.2008342	NA
alpha3	-2.3001864	NA

, , 67

	1	2
beta1	-0.47003609	-1.22545437
beta2	-0.98145566	1.04942680
beta3	-2.00512442	1.94825429
beta4	-3.17252541	2.99988401
delta	0.04300731	1.47922025
gama	0.37433588	0.06960779
sigma	0.61333964	1.50256459
lambda	0.07029292	5.60665623
alpha1	0.85517531	NA
alpha2	1.03497928	NA
alpha3	1.98307544	NA

, , 68

	1	2
beta1	-0.60879500	-0.9066135
beta2	-1.05593935	1.0522435
beta3	-1.97488336	2.0296770
beta4	-3.02405241	2.9719241
delta	0.05913794	1.2971610
gama	0.41632394	0.2548639
sigma	0.64793614	1.3919377
lambda	0.09165381	2.5694471
alpha1	0.65660291	NA
alpha2	1.06502100	NA
alpha3	2.21159407	NA

, , 69

	1	2
beta1	-0.9315606	-0.8884656
beta2	-1.0500231	1.0026222

beta3	-1.9546368	1.9423972
beta4	-2.9144608	2.9873461
delta	0.0865966	1.4067801
gama	0.3964637	0.1889334
sigma	0.6355806	1.4724007
lambda	0.1375305	3.2364716
alpha1	0.8922362	NA
alpha2	1.0677199	NA
alpha3	1.8823144	NA

, , 70

	1	2
beta1	-0.79067078	-0.7315138
beta2	-1.02702488	0.9448866
beta3	-1.99965807	1.9664279
beta4	-3.00491999	2.9960242
delta	0.07259982	1.2586388
gama	0.29494300	0.1742515
sigma	0.54791763	1.3260555
lambda	0.13368002	3.0151773
alpha1	0.67461771	NA
alpha2	1.16144375	NA
alpha3	2.16854842	NA

, , 71

	1	2
beta1	-0.8985870	-1.0716346
beta2	-0.9981530	0.9600444
beta3	-1.9096752	1.9645060
beta4	-2.9627364	3.1165488
delta	0.0707192	1.2563694
gama	0.3127158	0.1759414
sigma	0.5636639	1.3245398
lambda	0.1264627	2.9952515
alpha1	0.4813257	NA
alpha2	0.9345041	NA
alpha3	2.2905456	NA

, , 72

	1	2
--	---	---

beta1	-0.64776717	-1.0623604
beta2	-1.08954047	1.0811111
beta3	-1.91330317	2.0304926
beta4	-2.95587317	2.9112562
delta	0.09911581	1.3193641
gama	0.36816123	0.1619611
sigma	0.61480499	1.3793777
lambda	0.16335179	3.2783797
alpha1	0.66153619	NA
alpha2	0.99346498	NA
alpha3	2.13681052	NA

, , 73

	1	2
beta1	-0.6491199	-1.268851
beta2	-1.0152876	1.095301
beta3	-2.0043553	2.003530
beta4	-3.1159295	2.982049
delta	0.1017427	1.411899
gama	0.3753181	0.182340
sigma	0.6210231	1.475059
lambda	0.1660748	3.306455
alpha1	0.6484596	NA
alpha2	1.1161257	NA
alpha3	2.1278924	NA

, , 74

	1	2
beta1	-1.10217096	-1.2390020
beta2	-0.95287225	1.0017626
beta3	-2.00420705	1.9628164
beta4	-2.95507529	3.0917270
delta	0.07178971	1.1868236
gama	0.38185462	0.1873548
sigma	0.62209998	1.2632914
lambda	0.11617513	2.7419139
alpha1	0.80441757	NA
alpha2	1.05824007	NA
alpha3	1.83592120	NA

, , 75

	1	2
beta1	-0.67628800	-1.28254970
beta2	-1.01570297	1.03314327
beta3	-2.03485211	2.04508385
beta4	-3.02092867	2.97325857
delta	0.04821508	1.71933925
gama	0.31513132	0.06167465
sigma	0.56343235	1.73718224
lambda	0.08588891	6.92322166
alpha1	0.89354756	NA
alpha2	1.15228211	NA
alpha3	2.39352421	NA

, , 76

	1	2
beta1	-1.11430279	-0.9838479
beta2	-0.93167642	0.9705837
beta3	-1.99475882	2.0872142
beta4	-2.96743251	2.9993594
delta	0.06746004	1.4115143
gama	0.35133240	0.1915142
sigma	0.59655952	1.4777980
lambda	0.11381186	3.2254088
alpha1	0.57608736	NA
alpha2	0.90127447	NA
alpha3	2.11888707	NA

, , 77

	1	2
beta1	-1.05044884	-1.3651250
beta2	-0.91762940	1.0019289
beta3	-1.94791558	1.9366293
beta4	-3.00482485	3.1430377
delta	0.08094581	1.4028895
gama	0.29705449	0.2450218
sigma	0.55100518	1.4876561
lambda	0.14851705	2.8341388
alpha1	0.62330345	NA
alpha2	0.78043275	NA
alpha3	1.78553348	NA

, , 78

	1	2
beta1	-0.69636927	-1.0834333
beta2	-0.99347243	1.0129923
beta3	-1.88728396	1.9735392
beta4	-3.05900733	2.9457628
delta	0.07442525	1.3712289
gama	0.41109934	0.1310541
sigma	0.64547537	1.4182112
lambda	0.11607719	3.7877792
alpha1	0.59670963	NA
alpha2	0.75100156	NA
alpha3	1.77161318	NA

, , 79

	1	2
beta1	-0.97379803	-0.9068747
beta2	-0.91669326	1.0502654
beta3	-1.99642262	1.9422011
beta4	-3.02020494	2.9568890
delta	0.05871394	1.1415989
gama	0.35002577	0.2996812
sigma	0.59453604	1.2660684
lambda	0.09924102	2.0853734
alpha1	0.75666418	NA
alpha2	0.95122570	NA
alpha3	2.07294741	NA

, , 80

	1	2
beta1	-1.04604612	-1.0655680
beta2	-0.95180131	0.9931400
beta3	-2.01743222	2.0058148
beta4	-2.98161599	3.0444586
delta	0.08616268	1.2083056
gama	0.36801072	0.2650068
sigma	0.61272729	1.3133961
lambda	0.14203290	2.3471901
alpha1	0.68733500	NA

alpha2	0.89022502	NA
alpha3	1.82482360	NA

, , 81

	1	2
beta1	-0.68090116	-0.6245734
beta2	-1.03156453	0.9973240
beta3	-2.06896452	1.9869623
beta4	-3.02939528	2.9385271
delta	0.07522398	1.1685379
gama	0.33572180	0.2347541
sigma	0.58427771	1.2650039
lambda	0.12982746	2.4117718
alpha1	0.59194007	NA
alpha2	0.96033247	NA
alpha3	2.21731467	NA

, , 82

	1	2
beta1	-0.63854068	-0.7145960
beta2	-1.04458054	1.0430219
beta3	-1.97612323	2.0171742
beta4	-3.01116964	2.9400280
delta	0.05422526	1.0552680
gama	0.35237608	0.2850953
sigma	0.59608427	1.1826605
lambda	0.09134787	1.9763678
alpha1	0.67538701	NA
alpha2	0.90618910	NA
alpha3	2.05926306	NA

, , 83

	1	2
beta1	-0.86937906	-0.8111647
beta2	-1.00135050	1.0032055
beta3	-1.98401861	1.8961339
beta4	-2.97309786	2.9235457
delta	0.06817631	1.2487029
gama	0.31092948	0.1954422
sigma	0.56176284	1.3246513

lambda	0.12226511	2.8245548
alpha1	0.77479989	NA
alpha2	1.13388624	NA
alpha3	2.30156671	NA

, , 84

	1	2
beta1	-1.1689789	-0.9609159
beta2	-0.9862967	1.0266413
beta3	-2.0039206	1.9826124
beta4	-2.9057123	2.9760146
delta	0.0831892	1.2620877
gama	0.3865863	0.2143129
sigma	0.6273012	1.3443133
lambda	0.1337962	2.7262483
alpha1	0.7040650	NA
alpha2	0.8758043	NA
alpha3	1.8665737	NA

, , 85

	1	2
beta1	-0.78888327	-0.8932755
beta2	-1.04877671	0.9274936
beta3	-2.00603665	2.0156886
beta4	-2.98891389	3.0279204
delta	0.08181132	1.3849408
gama	0.34578256	0.2259231
sigma	0.59369660	1.4642350
lambda	0.13912714	2.9137404
alpha1	0.74433756	NA
alpha2	0.87778444	NA
alpha3	1.89175029	NA

, , 86

	1	2
beta1	-0.63931165	-1.132350
beta2	-1.09533253	1.062949
beta3	-2.06674225	1.994433
beta4	-3.02194805	2.977116
delta	0.09096597	1.347486

gama	0.42657334	0.155267
sigma	0.65943017	1.403918
lambda	0.13927786	3.419673
alpha1	0.68553202	NA
alpha2	0.84370297	NA
alpha3	1.51421911	NA

, , 87

	1	2
beta1	-1.2431192	-1.0188677
beta2	-0.9327089	1.1102450
beta3	-2.0075598	2.0217268
beta4	-2.9194777	2.9000685
delta	0.0888649	1.3177059
gama	0.3152898	0.2669559
sigma	0.5684952	1.4153815
lambda	0.1582615	2.5503439
alpha1	0.6418069	NA
alpha2	1.1319970	NA
alpha3	1.9153316	NA

, , 88

	1	2
beta1	-0.8022465	-0.57776160
beta2	0.9625396	-1.01774615
beta3	1.9741162	-2.05057926
beta4	3.0081385	-3.12013145
delta	1.2180043	0.05435426
gama	0.2385169	0.37895579
sigma	1.3122696	0.61798882
lambda	2.4939587	0.08829566
alpha1	-0.5025696	NA
alpha2	-1.2473268	NA
alpha3	-1.8861729	NA

, , 89

	1	2
beta1	-0.86109373	-0.7427455
beta2	-1.01632920	0.9534755
beta3	-1.94818508	1.9678070

beta4	-2.96764485	2.9935296
delta	0.08726935	1.2267017
gama	0.36879996	0.1990415
sigma	0.61352743	1.3053117
lambda	0.14370316	2.7495848
alpha1	0.87000300	NA
alpha2	1.17225616	NA
alpha3	1.99671655	NA

, , 90

	1	2
beta1	-0.6701268	-0.90857495
beta2	0.9925689	-0.95767821
beta3	1.9345351	-2.01244507
beta4	2.9373603	-3.07304664
delta	1.2306185	0.06840427
gama	0.3164215	0.46119081
sigma	1.3530866	0.68254667
lambda	2.1877137	0.10072630
alpha1	-0.6018874	NA
alpha2	-1.1722028	NA
alpha3	-1.8557498	NA

, , 91

	1	2
beta1	-1.05127077	-1.046396
beta2	-0.97085201	1.058215
beta3	-2.04095252	2.046982
beta4	-2.94029403	2.990097
delta	0.05870337	1.201712
gama	0.45920699	0.329938
sigma	0.68018606	1.331935
lambda	0.08662810	2.092109
alpha1	0.98529118	NA
alpha2	1.12585448	NA
alpha3	2.11129838	NA

, , 92

	1	2
beta1	-1.03338464	-0.7625863

beta2	-1.00099949	0.9986141
beta3	-1.96337029	1.9653347
beta4	-2.89313981	2.9066199
delta	0.05949618	1.3217494
gama	0.37360070	0.1229128
sigma	0.61411766	1.3674554
lambda	0.09733863	3.7700808
alpha1	0.63682080	NA
alpha2	0.77810833	NA
alpha3	1.95993522	NA

, , 93

	1	2
beta1	-0.73764519	-1.5033031
beta2	-0.99970791	1.1431435
beta3	-1.98633664	1.9357852
beta4	-3.01717728	3.0711340
delta	0.05669374	1.3229236
gama	0.30727260	0.2309577
sigma	0.55721340	1.4075101
lambda	0.10227587	2.7527613
alpha1	0.86475720	NA
alpha2	0.98907226	NA
alpha3	1.90616096	NA

, , 94

	1	2
beta1	-0.94198450	-0.8403264
beta2	-0.96717633	1.0146681
beta3	-1.99501229	2.0864437
beta4	-3.01361668	2.9680668
delta	0.07881883	1.2356700
gama	0.37029910	0.2419268
sigma	0.61360533	1.3299651
lambda	0.12952501	2.5122363
alpha1	0.62940259	NA
alpha2	0.92631813	NA
alpha3	2.24898996	NA

, , 95

	1	2
beta1	-0.77126918	-0.9542280
beta2	-0.98547545	0.9880123
beta3	-2.02859294	2.0468784
beta4	-3.04454790	2.9774755
delta	0.07235746	1.4343724
gama	0.30742315	0.2004072
sigma	0.55915897	1.5026082
lambda	0.13050135	3.2040938
alpha1	0.67888251	NA
alpha2	0.75074943	NA
alpha3	2.01327353	NA

, , 96

	1	2
beta1	-0.6754744	-1.0217789
beta2	-0.9713974	1.0112431
beta3	-2.0230626	2.0354783
beta4	-3.1186332	2.9814902
delta	0.1041580	1.3717545
gama	0.3678829	0.1817491
sigma	0.6154119	1.4364747
lambda	0.1717267	3.2176606
alpha1	0.5563867	NA
alpha2	1.0370772	NA
alpha3	1.9962553	NA

, , 97

	1	2
beta1	-0.79265694	-0.7801072
beta2	-0.99275851	0.9824823
beta3	-2.03459799	1.9504274
beta4	-3.03684725	3.0290189
delta	0.08696399	1.2278123
gama	0.36110174	0.1617739
sigma	0.60717747	1.2920127
lambda	0.14471870	3.0526549
alpha1	0.48026859	NA
alpha2	0.91140576	NA
alpha3	2.02621832	NA

, , 98

	1	2
beta1	-0.93567656	-1.1123021
beta2	-0.99484342	0.9445795
beta3	-2.01164094	2.1166553
beta4	-2.96359320	3.0943755
delta	0.05943424	1.4359823
gama	0.31214521	0.1510609
sigma	0.56185197	1.4876512
lambda	0.10637961	3.6946474
alpha1	0.86946471	NA
alpha2	1.05108520	NA
alpha3	1.91454197	NA

, , 99

	1	2
beta1	-0.83247864	-1.3024548
beta2	-1.00297588	1.0586586
beta3	-1.94904227	1.9824288
beta4	-2.98037822	3.0275332
delta	0.06043049	1.4027458
gama	0.38019369	0.1199464
sigma	0.61955269	1.4448676
lambda	0.09800623	4.0502831
alpha1	0.61398331	NA
alpha2	0.93325985	NA
alpha3	1.63337837	NA

, , 100

	1	2
beta1	-0.77960726	-0.9988083
beta2	-0.98824385	1.0326244
beta3	-2.04978267	2.0280192
beta4	-3.02162825	3.0206816
delta	0.04602823	1.2223227
gama	0.33918323	0.1624476
sigma	0.58421043	1.2870588
lambda	0.07903275	3.0326989
alpha1	0.68599672	NA
alpha2	0.90183867	NA

alpha3 2.03992002 NA

\$`n = 500`\$`cen = 0.3`
, , 1

	1	2
beta1	-1.0589942	-1.0694077
beta2	-1.0475684	1.0716324
beta3	-1.9462515	1.9630477
beta4	-2.8733875	2.9911056
delta	0.1046857	1.2952927
gama	0.4425463	0.2280479
sigma	0.6734281	1.3805184
lambda	0.1573649	2.7124074
alpha1	0.8577143	NA
alpha2	1.0462427	NA
alpha3	2.3393668	NA

, , 2

	1	2
beta1	-0.77229277	-0.8014530
beta2	-0.97652554	0.9964559
beta3	-1.99221832	2.0156367
beta4	-3.02260376	2.8882894
delta	0.08381336	1.4238782
gama	0.31456947	0.1964813
sigma	0.56709272	1.4912781
lambda	0.14943591	3.2122717
alpha1	0.51768112	NA
alpha2	0.89131634	NA
alpha3	1.89471857	NA

, , 3

	1	2
beta1	-0.7728963	-0.6448086
beta2	-1.0941437	0.9563726
beta3	-2.0615279	2.0344381
beta4	-2.9108588	2.8811212
delta	0.0889389	1.3585405
gama	0.3008247	0.2607350

sigma	0.5556391	1.4513329
lambda	0.1621567	2.6605592
alpha1	0.8077535	NA
alpha2	1.0770203	NA
alpha3	2.1079944	NA

, , 4

	1	2
beta1	-0.7793064	-1.1797647
beta2	-1.0146305	0.9613618
beta3	-1.9931407	2.0643710
beta4	-2.9956479	3.0875061
delta	0.1011694	1.5271955
gama	0.3293968	0.1559445
sigma	0.5827796	1.5774253
lambda	0.1762746	3.8673161
alpha1	0.6363542	NA
alpha2	1.0506256	NA
alpha3	2.2296705	NA

, , 5

	1	2
beta1	-0.50702900	-1.1840152
beta2	-1.02633499	1.0297654
beta3	-2.02747170	1.9271292
beta4	-3.10703194	3.0747112
delta	0.08045128	1.2713427
gama	0.32914305	0.3103582
sigma	0.57932328	1.3880455
lambda	0.14022989	2.2820809
alpha1	0.91871438	NA
alpha2	1.14520968	NA
alpha3	2.08076102	NA

, , 6

	1	2
beta1	-0.75983688	-1.1211756
beta2	-1.03557058	0.9786456
beta3	-1.97138864	2.0156311
beta4	-3.03867289	3.0709582

delta	0.09430418	1.2629209
gama	0.37236834	0.1347531
sigma	0.61746386	1.3151891
lambda	0.15454130	3.4403830
alpha1	0.84247252	NA
alpha2	1.13848137	NA
alpha3	2.09175784	NA

, , 7

	1	2
beta1	-0.61099066	-0.8781510
beta2	-1.07759946	1.0054897
beta3	-2.04721083	1.9958126
beta4	-3.05137772	2.9560459
delta	0.09474401	1.3800196
gama	0.39243495	0.1758873
sigma	0.63357034	1.4423388
lambda	0.15124044	3.2905465
alpha1	0.64574563	NA
alpha2	0.89396089	NA
alpha3	2.12249501	NA

, , 8

	1	2
beta1	-0.75147970	-1.3250271
beta2	-1.05356144	1.0362138
beta3	-1.93393699	2.0580523
beta4	-2.94565975	3.0858629
delta	0.09562728	1.3008226
gama	0.25266595	0.1751342
sigma	0.51167424	1.3664823
lambda	0.19024289	3.1083689
alpha1	0.45437654	NA
alpha2	0.90061697	NA
alpha3	1.97570769	NA

, , 9

	1	2
beta1	-0.44445434	-0.9475817
beta2	-1.06148648	0.9917141

beta3	-2.05958111	2.0601491
beta4	-3.12452810	2.9656362
delta	0.06825645	1.3987295
gama	0.29313224	0.1828110
sigma	0.54570246	1.4626192
lambda	0.12607004	3.2713922
alpha1	0.88886273	NA
alpha2	1.19560113	NA
alpha3	2.10957429	NA

, , 10

	1	2
beta1	-1.1418278	-1.2899091
beta2	-0.9874091	1.0534127
beta3	-1.9942019	1.9698459
beta4	-2.9227459	3.0270745
delta	0.1027372	1.4780706
gama	0.3910350	0.1224896
sigma	0.6337112	1.5189412
lambda	0.1642933	4.2232373
alpha1	0.6744559	NA
alpha2	0.9885380	NA
alpha3	2.4036847	NA

, , 11

	1	2
beta1	-0.23386402	-0.8544746
beta2	-1.13315234	0.9964634
beta3	-2.09223503	2.0924932
beta4	-3.14009335	2.9618051
delta	0.08851485	1.3046002
gama	0.36224136	0.2162184
sigma	0.60833892	1.3849910
lambda	0.14706764	2.8056346
alpha1	0.76313350	NA
alpha2	1.00961712	NA
alpha3	1.90646983	NA

, , 12

	1	2
--	---	---

beta1	-1.24284870	-0.7181887
beta2	-0.93946806	0.9596490
beta3	-1.93817414	1.9853699
beta4	-2.89619422	2.9697331
delta	0.09325519	1.2586276
gama	0.33770326	0.2445415
sigma	0.58855738	1.3522888
lambda	0.16047426	2.5451945
alpha1	0.69748349	NA
alpha2	1.04293984	NA
alpha3	1.91250208	NA

, , 13

	1	2
beta1	-0.77053115	-0.7898347
beta2	-1.02755321	0.9057596
beta3	-2.07081296	1.9711588
beta4	-3.02365632	3.0336157
delta	0.09360107	1.2343358
gama	0.39580878	0.2477697
sigma	0.63605813	1.3309224
lambda	0.14877779	2.4797576
alpha1	0.79868451	NA
alpha2	1.02872917	NA
alpha3	2.11076408	NA

, , 14

	1	2
beta1	-0.7906721	-0.7612755
beta2	-1.0558740	1.0022307
beta3	-1.8901064	1.9601372
beta4	-2.9389806	2.9191385
delta	0.1020150	1.3395817
gama	0.2984874	0.1838868
sigma	0.5557827	1.4065440
lambda	0.1867243	3.1238774
alpha1	0.6054315	NA
alpha2	1.0379038	NA
alpha3	1.7277705	NA

, , 15

	1	2
beta1	-0.6332956	-1.0082432
beta2	-1.0242840	0.9801314
beta3	-2.0858061	2.0116539
beta4	-3.1280201	3.0305304
delta	0.1062234	1.2901515
gama	0.3804702	0.1710790
sigma	0.6259023	1.3548320
lambda	0.1722106	3.1191936
alpha1	0.8612637	NA
alpha2	1.0531466	NA
alpha3	1.7928021	NA

, , 16

	1	2
beta1	-0.88324083	-1.3400085
beta2	-0.96673939	1.0415405
beta3	-1.98201892	2.0104443
beta4	-2.97447274	3.0822739
delta	0.09622073	1.4815954
gama	0.23395154	0.1262898
sigma	0.49316323	1.5236189
lambda	0.19893247	4.1691305
alpha1	0.69944416	NA
alpha2	1.07632654	NA
alpha3	2.05087856	NA

, , 17

	1	2
beta1	-1.00851037	-1.1658568
beta2	-0.94484063	1.0392658
beta3	-2.05971263	2.0375306
beta4	-3.01060464	2.9355063
delta	0.07439712	1.6783338
gama	0.39873591	0.1033147
sigma	0.63582297	1.7088355
lambda	0.11781848	5.2215231
alpha1	0.59396802	NA
alpha2	0.81965499	NA
alpha3	1.82997629	NA

, , 18

	1	2
beta1	-0.96061523	-1.1571057
beta2	-0.99806777	0.9970924
beta3	-1.95935092	2.0635388
beta4	-2.95512932	3.0193153
delta	0.08883767	1.5244140
gama	0.35666408	0.1363691
sigma	0.60378490	1.5685048
lambda	0.14875359	4.1280494
alpha1	0.65236518	NA
alpha2	1.01899194	NA
alpha3	2.28398554	NA

, , 19

	1	2
beta1	-0.92231019	-0.6314049
beta2	-0.97685357	0.9713189
beta3	-2.05226460	1.9741615
beta4	-3.01885776	2.8879744
delta	0.08862865	1.2751833
gama	0.37910501	0.1630204
sigma	0.62206113	1.3375772
lambda	0.14394426	3.1582875
alpha1	0.81732548	NA
alpha2	0.94173392	NA
alpha3	2.01939258	NA

, , 20

	1	2
beta1	-0.6018877	-1.3249809
beta2	-1.0318925	1.0381625
beta3	-2.0102464	1.9790569
beta4	-3.0752790	3.1099961
delta	0.1007596	1.2026713
gama	0.3107621	0.2606494
sigma	0.5664932	1.3065480
lambda	0.1807476	2.3556923
alpha1	0.7550681	NA

alpha2	1.0591791	NA
alpha3	1.7533466	NA

, , 21

	1	2
beta1	-0.5696859	-1.0332297
beta2	-1.0568359	1.0158282
beta3	-2.0050955	2.0005241
beta4	-3.0716134	3.0131040
delta	0.1032477	1.1976259
gama	0.4372283	0.2298785
sigma	0.6692446	1.2900335
lambda	0.1561444	2.4978826
alpha1	0.7669801	NA
alpha2	1.0231914	NA
alpha3	2.0538971	NA

, , 22

	1	2
beta1	-0.54671026	-1.068481
beta2	-1.03476624	1.035161
beta3	-2.11242444	2.016119
beta4	-3.15648987	2.980096
delta	0.09581138	1.387712
gama	0.36192557	0.122834
sigma	0.60918420	1.431286
lambda	0.15926027	3.959498
alpha1	0.77829715	NA
alpha2	1.07270851	NA
alpha3	2.43160352	NA

, , 23

	1	2
beta1	-1.1667047	-1.1933810
beta2	-0.9972564	1.0066076
beta3	-1.9949611	1.9653749
beta4	-2.8835383	3.0025755
delta	0.0813314	1.5241047
gama	0.3932789	0.1197084
sigma	0.6323715	1.5628831

lambda	0.1296904	4.4050667
alpha1	0.7826902	NA
alpha2	0.9305831	NA
alpha3	2.3387175	NA

, , 24

	1	2
beta1	-0.76681560	-1.54493225
beta2	-0.93873661	1.12161504
beta3	-2.01445614	2.06022963
beta4	-3.12453793	3.03032963
delta	0.09092047	1.37438458
gama	0.32619998	0.09368144
sigma	0.57833079	1.40805341
lambda	0.15919145	4.49036336
alpha1	0.87371916	NA
alpha2	1.08104717	NA
alpha3	1.97895642	NA

, , 25

	1	2
beta1	-1.0949348	-0.97097308
beta2	1.0607142	-0.95793378
beta3	1.9627389	-1.94923381
beta4	2.9761869	-2.98471680
delta	1.3160728	0.09226471
gama	0.1532344	0.29649925
sigma	1.3730557	0.55227894
lambda	3.3620315	0.16944307
alpha1	-0.3974973	NA
alpha2	-1.0090465	NA
alpha3	-2.3016432	NA

, , 26

	1	2
beta1	-1.18369260	-0.8807304
beta2	-0.96154099	1.0184863
beta3	-2.00310476	2.0807774
beta4	-2.89440996	2.9670678
delta	0.08335138	1.1536793

gama	0.33169912	0.2498787
sigma	0.58193348	1.2573204
lambda	0.14472403	2.3079183
alpha1	0.82792402	NA
alpha2	0.90225065	NA
alpha3	1.68492153	NA

, , 27

	1	2
beta1	-0.63484499	-0.9275564
beta2	-1.00442069	0.9817576
beta3	-2.02977995	2.0481897
beta4	-3.15033773	3.0184169
delta	0.08812685	1.1925738
gama	0.34230766	0.2237312
sigma	0.59167052	1.2829511
lambda	0.15062600	2.5212851
alpha1	0.64968393	NA
alpha2	0.93280279	NA
alpha3	1.82425046	NA

, , 28

	1	2
beta1	-0.85584867	-0.7681915
beta2	-0.95089284	0.9445811
beta3	-2.01269011	2.0122456
beta4	-3.04912598	2.9620921
delta	0.09056742	1.2998312
gama	0.36373636	0.1331438
sigma	0.60986787	1.3500759
lambda	0.15016842	3.5622666
alpha1	0.71035873	NA
alpha2	1.11884015	NA
alpha3	2.15273557	NA

, , 29

	1	2
beta1	-0.86998186	-0.1902851
beta2	-1.00457340	0.9696324
beta3	-2.03739930	2.0370071

beta4	-2.98591026	2.7651425
delta	0.09747247	1.3185316
gama	0.36774303	0.1667337
sigma	0.61420185	1.3803113
lambda	0.16073474	3.2290807
alpha1	0.73975326	NA
alpha2	1.17117424	NA
alpha3	2.22247761	NA

, , 30

	1	2
beta1	-0.6884685	-0.8129139
beta2	0.8982180	-0.9779715
beta3	1.9779782	-1.9162327
beta4	3.0314812	-2.9991560
delta	1.2845509	0.1014113
gama	0.1622191	0.2703486
sigma	1.3462132	0.5297479
lambda	3.1893367	0.1950403
alpha1	-0.6526821	NA
alpha2	-1.0061140	NA
alpha3	-2.3849739	NA

, , 31

	1	2
beta1	-0.84849661	-0.7518478
beta2	-0.97797633	0.9734843
beta3	-1.99350529	2.0892886
beta4	-3.01811310	2.9522892
delta	0.08110868	1.2439811
gama	0.35327094	0.1564709
sigma	0.59987462	1.3053581
lambda	0.13646251	3.1448283
alpha1	0.58675637	NA
alpha2	0.90560964	NA
alpha3	2.04079496	NA

, , 32

	1	2
beta1	-0.9764891	-0.7152012

beta2	-0.9733630	0.9763131
beta3	-2.0349286	2.0347786
beta4	-3.0156935	2.9813608
delta	0.1069229	1.1945602
gama	0.3805642	0.2203880
sigma	0.6260964	1.2834960
lambda	0.1733232	2.5445684
alpha1	0.6273317	NA
alpha2	1.0599221	NA
alpha3	2.1662258	NA

, , 33

	1	2
beta1	-0.87696137	-1.1805456
beta2	-1.02653569	1.0000377
beta3	-2.02380869	1.9172105
beta4	-2.96975690	3.0451909
delta	0.08811649	1.3478474
gama	0.33978365	0.1347901
sigma	0.58953216	1.3969548
lambda	0.15116663	3.6712305
alpha1	0.74748559	NA
alpha2	0.96037946	NA
alpha3	1.74069134	NA

, , 34

	1	2
beta1	-1.1235451	-0.9233934
beta2	-0.9558246	0.9582640
beta3	-1.9217371	1.9041271
beta4	-2.9295600	3.0190173
delta	0.0598430	1.2762615
gama	0.3501925	0.1971334
sigma	0.5947888	1.3512870
lambda	0.1011253	2.8744819
alpha1	0.8165827	NA
alpha2	1.2600734	NA
alpha3	2.8086390	NA

, , 35

	1	2
beta1	-0.84261803	-0.8097987
beta2	-0.93141010	0.9430812
beta3	-2.02827021	2.0219761
beta4	-3.05280074	2.9979969
delta	0.07966913	1.3010889
gama	0.30428773	0.1631536
sigma	0.55734630	1.3623458
lambda	0.14442682	3.2211328
alpha1	0.71335366	NA
alpha2	0.87830926	NA
alpha3	1.80505088	NA

, , 36

	1	2
beta1	-0.7562279	-0.4554458
beta2	0.9734113	-1.1078932
beta3	1.9921774	-1.9541009
beta4	3.0405319	-3.0339946
delta	1.0472081	0.1123262
gama	0.4013036	0.2871329
sigma	1.2239070	0.5474943
lambda	1.6530899	0.2096232
alpha1	-0.6482711	NA
alpha2	-1.1915301	NA
alpha3	-2.0085924	NA

, , 37

	1	2
beta1	-0.98935095	-1.0251974
beta2	-0.99645470	0.9930980
beta3	-1.96975655	1.9819368
beta4	-2.92118061	2.9537928
delta	0.09308344	1.4905567
gama	0.28893503	0.1267135
sigma	0.54552687	1.5324728
lambda	0.17316987	4.1873281
alpha1	0.64437707	NA
alpha2	1.03047156	NA
alpha3	1.57461818	NA

, , 38

	1	2
beta1	-0.8477519	-0.7318834
beta2	-1.0588047	0.9873261
beta3	-2.0895028	2.0350107
beta4	-2.9477667	2.9266179
delta	0.0766087	1.2473186
gama	0.3649596	0.2351591
sigma	0.6089569	1.3382686
lambda	0.1268106	2.5721515
alpha1	0.5902777	NA
alpha2	0.8537533	NA
alpha3	1.7889310	NA

, , 39

	1	2
beta1	-0.76081115	-0.8839063
beta2	-1.02718243	1.0630377
beta3	-2.04519717	1.9693976
beta4	-3.01012819	2.8930489
delta	0.07158774	1.3585069
gama	0.31867772	0.1714269
sigma	0.56903649	1.4202000
lambda	0.12681272	3.2811218
alpha1	0.67374044	NA
alpha2	0.91159191	NA
alpha3	2.13551447	NA

, , 40

	1	2
beta1	-0.54297489	-0.9923302
beta2	-1.03278336	1.0032596
beta3	-1.92116448	2.0621334
beta4	-3.10569945	3.0146842
delta	0.08162462	1.3625315
gama	0.27505966	0.2499515
sigma	0.53077513	1.4513592
lambda	0.15563515	2.7253273
alpha1	0.55876347	NA
alpha2	1.10697268	NA

alpha3 1.99352637 NA

, , 41

	1	2
beta1	-0.70452960	-0.9442728
beta2	-0.97455474	1.0077156
beta3	-2.06826382	1.9650159
beta4	-3.12811074	2.9656320
delta	0.09835593	1.3161714
gama	0.32299437	0.1702301
sigma	0.57677401	1.3793249
lambda	0.17306254	3.1900265
alpha1	0.69064340	NA
alpha2	1.13254632	NA
alpha3	1.96074870	NA

, , 42

	1	2
beta1	-0.64273734	-1.0876414
beta2	-0.97398056	0.9675380
beta3	-2.13264386	1.9233622
beta4	-3.14924982	3.0547527
delta	0.08273842	1.3327761
gama	0.34837631	0.1259408
sigma	0.59600499	1.3792146
lambda	0.14017898	3.7555536
alpha1	0.83506640	NA
alpha2	1.28064063	NA
alpha3	2.54734871	NA

, , 43

	1	2
beta1	-0.33286059	-0.7910541
beta2	-1.11861460	0.9485561
beta3	-1.99058325	1.9425127
beta4	-3.09456681	3.0217558
delta	0.09200024	1.3607103
gama	0.34544920	0.2494577
sigma	0.59490608	1.4494793
lambda	0.15652973	2.7243772

alpha1	0.62218428	NA
alpha2	0.91163572	NA
alpha3	1.80233524	NA

, , 44

	1	2
beta1	-1.0533313	-0.78408317
beta2	1.0098673	-1.02557783
beta3	2.0237016	-1.99438931
beta4	3.0398369	-2.98165005
delta	1.2086141	0.09500456
gama	0.1995571	0.31469584
sigma	1.2885283	0.56896547
lambda	2.7055404	0.16935536
alpha1	-0.5104121	NA
alpha2	-1.0651591	NA
alpha3	-1.6120579	NA

, , 45

	1	2
beta1	-1.18985163	-0.5355271
beta2	-0.95264929	0.9374256
beta3	-2.01865687	1.9160602
beta4	-2.93172214	2.8568254
delta	0.08519776	1.4975823
gama	0.41018661	0.1171653
sigma	0.64610005	1.5362025
lambda	0.13302628	4.3751329
alpha1	0.91332168	NA
alpha2	1.11455636	NA
alpha3	2.15830336	NA

, , 46

	1	2
beta1	-0.62170851	-1.3721465
beta2	-1.06323270	1.0224479
beta3	-1.99578650	2.0565492
beta4	-3.04537156	3.0781612
delta	0.09035171	1.4057831
gama	0.31767465	0.2054917

sigma	0.57082228	1.4770640
lambda	0.16030428	3.1011385
alpha1	0.70004457	NA
alpha2	1.10968979	NA
alpha3	1.78005257	NA

, , 47

	1	2
beta1	-1.03538224	-0.8791101
beta2	-0.94859022	1.0191411
beta3	-1.93123801	2.0603923
beta4	-2.94188759	3.0140354
delta	0.08907519	1.2353744
gama	0.30797881	0.3575840
sigma	0.56206157	1.3724919
lambda	0.16050787	2.0659014
alpha1	0.74740638	NA
alpha2	1.26526455	NA
alpha3	2.00668219	NA

, , 48

	1	2
beta1	-0.58949290	-1.1194536
beta2	-1.08021671	1.0454947
beta3	-2.01775412	2.0917069
beta4	-3.00569079	3.0030600
delta	0.08675081	1.2517806
gama	0.25600526	0.1975348
sigma	0.51335267	1.3283409
lambda	0.17145458	2.8164786
alpha1	0.79352336	NA
alpha2	1.06247399	NA
alpha3	1.72652196	NA

, , 49

	1	2
beta1	-0.9048701	-0.82390433
beta2	1.0188055	-1.02611127
beta3	1.9925953	-2.04561223
beta4	2.9498574	-3.00153412

delta	1.3847278	0.09647797
gama	0.2427877	0.41673720
sigma	1.4697819	0.65272138
lambda	2.8102896	0.14945039
alpha1	-0.6583780	NA
alpha2	-1.2656500	NA
alpha3	-2.3559976	NA

, , 50

	1	2
beta1	-0.84858535	-0.9864439
beta2	-0.93190088	1.0762383
beta3	-1.98660484	2.0023253
beta4	-3.02065907	2.9069018
delta	0.05860993	1.3762811
gama	0.37046434	0.1329442
sigma	0.61147320	1.4237604
lambda	0.09629372	3.7746135
alpha1	0.89252209	NA
alpha2	1.01507201	NA
alpha3	2.10886892	NA

, , 51

	1	2
beta1	-0.92162101	-1.0744754
beta2	-0.96402650	1.0359724
beta3	-2.05025251	1.9779409
beta4	-3.01267869	3.0324648
delta	0.08826067	1.1941130
gama	0.34846909	0.2211614
sigma	0.59687439	1.2833812
lambda	0.14951511	2.5391642
alpha1	0.47844858	NA
alpha2	0.84635794	NA
alpha3	1.58315545	NA

, , 52

	1	2
beta1	-0.78983818	-1.1722290
beta2	-0.99836172	1.0771281

beta3	-1.94768494	1.8734068
beta4	-3.00953850	2.9927992
delta	0.08113384	1.2674319
gama	0.29387615	0.2908954
sigma	0.54814127	1.3774175
lambda	0.14966486	2.3499368
alpha1	0.95351282	NA
alpha2	1.16168596	NA
alpha3	1.92302372	NA

, , 53

	1	2
beta1	-0.43363800	-1.1781904
beta2	-1.05986615	1.0078658
beta3	-2.06012917	2.0283899
beta4	-3.09844812	3.0335153
delta	0.08452424	1.4251258
gama	0.28884400	0.2085949
sigma	0.54404811	1.4965221
lambda	0.15727135	3.1203358
alpha1	0.71804791	NA
alpha2	1.08342129	NA
alpha3	2.23358506	NA

, , 54

	1	2
beta1	-1.09626509	-1.0170671
beta2	-0.99436187	1.1016847
beta3	-2.13322823	1.9498545
beta4	-2.94823114	2.9003172
delta	0.08233687	1.3866380
gama	0.40145208	0.1277894
sigma	0.63892992	1.4319757
lambda	0.12995036	3.8789628
alpha1	0.88631392	NA
alpha2	1.07345343	NA
alpha3	2.00683698	NA

, , 55

	1	2
--	---	---

beta1	-1.07768593	-0.9368278
beta2	-0.97635396	1.0066122
beta3	-1.96650257	2.0488391
beta4	-2.87935093	2.9767333
delta	0.07947269	1.2557065
gama	0.32136333	0.2679371
sigma	0.57243274	1.3582106
lambda	0.14019087	2.4258937
alpha1	0.70706085	NA
alpha2	0.85715165	NA
alpha3	2.09602710	NA

, , 56

	1	2
beta1	-0.79168681	-1.2592858
beta2	-0.98478630	1.0981966
beta3	-2.05987977	1.9140297
beta4	-3.01245793	3.0209490
delta	0.08732504	1.2210189
gama	0.24450477	0.2261041
sigma	0.50212591	1.3103402
lambda	0.17660180	2.5678410
alpha1	0.69521236	NA
alpha2	0.98338329	NA
alpha3	2.36780352	NA

, , 57

	1	2
beta1	-0.46483927	-0.9973683
beta2	-1.10144670	0.9531928
beta3	-2.03835045	2.0177445
beta4	-3.03663943	2.9923221
delta	0.07706946	1.5047633
gama	0.33113245	0.1327200
sigma	0.58057915	1.5482353
lambda	0.13393111	4.1304755
alpha1	0.66604024	NA
alpha2	0.99264680	NA
alpha3	1.97720250	NA

, , 58

	1	2
beta1	-0.89523736	-0.3885873
beta2	-0.96057306	0.9349180
beta3	-1.88401066	1.9946019
beta4	-2.94022374	2.9005322
delta	0.07402136	1.2099852
gama	0.30883304	0.2490336
sigma	0.56063553	1.3088536
lambda	0.13319722	2.4246612
alpha1	0.62326796	NA
alpha2	0.98650434	NA
alpha3	2.09332922	NA

, , 59

	1	2
beta1	-1.1413716	-1.16194473
beta2	1.0603899	-0.97737069
beta3	1.9958036	-1.91608910
beta4	3.0480601	-2.83219736
delta	1.2697875	0.08597507
gama	0.2929052	0.30889655
sigma	1.3803135	0.56239512
lambda	2.3462131	0.15469134
alpha1	-0.5620560	NA
alpha2	-1.1240747	NA
alpha3	-2.1813041	NA

, , 60

	1	2
beta1	-0.9322582	-1.1134110
beta2	-1.0708614	1.0342282
beta3	-2.0331633	2.0489347
beta4	-2.9233997	3.0102349
delta	0.1089898	1.2143456
gama	0.4228440	0.1693174
sigma	0.6593351	1.2821671
lambda	0.1676083	2.9511516
alpha1	0.9055918	NA
alpha2	1.1483097	NA
alpha3	1.9388648	NA

, , 61

	1	2
beta1	-0.88056369	-0.9861388
beta2	-0.99561378	0.9495749
beta3	-2.00738736	1.9458450
beta4	-2.98724075	3.0571357
delta	0.09596693	1.2331107
gama	0.31316749	0.1387175
sigma	0.56778265	1.2881303
lambda	0.17148781	3.3108269
alpha1	0.60419907	NA
alpha2	0.82233812	NA
alpha3	1.96018948	NA

, , 62

	1	2
beta1	-0.98575789	-0.8419572
beta2	-0.98177927	0.9831038
beta3	-2.07266576	2.0296437
beta4	-3.01192024	3.0216056
delta	0.09279721	1.0246977
gama	0.38364881	0.2825709
sigma	0.62630674	1.1543726
lambda	0.14981938	1.9276672
alpha1	0.47808468	NA
alpha2	0.66802601	NA
alpha3	1.70545805	NA

, , 63

	1	2
beta1	-0.71781642	-0.9917025
beta2	-0.98195883	1.0531770
beta3	-1.99722825	2.1548585
beta4	-3.12596998	2.9432343
delta	0.09774647	1.3701064
gama	0.41978671	0.2734604
sigma	0.65524124	1.4665101
lambda	0.15086438	2.6200351
alpha1	0.75680703	NA

alpha2	0.99159021	NA
alpha3	1.86716946	NA

, , 64

	1	2
beta1	-0.8881098	-0.7477355
beta2	0.9443408	-1.0399859
beta3	2.0294141	-2.1154253
beta4	3.0477282	-3.0071641
delta	1.3185216	0.0870288
gama	0.1863658	0.2641955
sigma	1.3873950	0.5213152
lambda	3.0542472	0.1693169
alpha1	-0.5148001	NA
alpha2	-0.8033326	NA
alpha3	-1.9908742	NA

, , 65

	1	2
beta1	-0.51452106	-0.8341368
beta2	-1.10332591	0.9632384
beta3	-2.08734437	2.0811171
beta4	-3.06836204	2.9916763
delta	0.05764749	1.2665947
gama	0.35847386	0.3270189
sigma	0.60149571	1.3897054
lambda	0.09628345	2.2148852
alpha1	0.71791774	NA
alpha2	0.82564127	NA
alpha3	2.03469242	NA

, , 66

	1	2
beta1	-1.16438296	-0.9429662
beta2	-0.97026334	0.9996995
beta3	-1.99901791	2.0421380
beta4	-2.90159268	2.9859786
delta	0.09589203	1.3454228
gama	0.32157017	0.1492749
sigma	0.57512212	1.3997991

lambda	0.16910040	3.4822937
alpha1	0.45793279	NA
alpha2	0.94299982	NA
alpha3	2.29533709	NA

, , 67

	1	2
beta1	-0.66744436	-0.9362478
beta2	-1.07488743	0.9747033
beta3	-1.87841767	1.9634125
beta4	-2.92168910	2.9909590
delta	0.08572462	1.3336160
gama	0.30285708	0.2164659
sigma	0.55696121	1.4124438
lambda	0.15577103	2.8663952
alpha1	0.69946714	NA
alpha2	0.96544311	NA
alpha3	2.21714592	NA

, , 68

	1	2
beta1	-0.9673739	-0.8673132
beta2	-0.9706403	0.9720342
beta3	-2.0312016	2.0057892
beta4	-2.9926287	2.9913045
delta	0.1060881	1.3274878
gama	0.4325369	0.2142788
sigma	0.6661768	1.4058815
lambda	0.1613077	2.8677477
alpha1	0.7246713	NA
alpha2	0.9616100	NA
alpha3	1.8763567	NA

, , 69

	1	2
beta1	-1.0176844	-0.9103227
beta2	-1.0220899	0.9425775
beta3	-2.0546012	1.9632344
beta4	-2.9826714	3.0421810
delta	0.1174734	1.2850813

gama	0.3935960	0.1899437
sigma	0.6382758	1.3569737
lambda	0.1872466	2.9486158
alpha1	0.5862907	NA
alpha2	1.1569805	NA
alpha3	1.9288809	NA

, , 70

	1	2
beta1	-0.53330543	-0.8165292
beta2	-1.05661132	1.0019468
beta3	-2.05817942	1.9868371
beta4	-3.10707468	2.9600533
delta	0.09171406	1.1760794
gama	0.37331329	0.2500448
sigma	0.61783878	1.2779701
lambda	0.15010639	2.3519482
alpha1	0.74042132	NA
alpha2	1.02345509	NA
alpha3	1.89908815	NA

, , 71

	1	2
beta1	-0.74871220	-1.2360148
beta2	-0.96571452	1.0515550
beta3	-1.93729582	1.9968088
beta4	-3.09048356	3.0674806
delta	0.08257104	1.1815989
gama	0.37153814	0.2596717
sigma	0.61510659	1.2867975
lambda	0.13546467	2.3187706
alpha1	0.69627468	NA
alpha2	1.14088024	NA
alpha3	1.96599657	NA

, , 72

	1	2
beta1	-1.1218212	-1.052291
beta2	-0.8970309	1.074705
beta3	-2.0269990	2.028569

beta4	-3.0311459	2.890313
delta	0.0802842	1.532277
gama	0.3571410	0.112786
sigma	0.6029814	1.568649
lambda	0.1343415	4.562573
alpha1	0.7408537	NA
alpha2	1.0401005	NA
alpha3	2.4847901	NA

, , 73

	1	2
beta1	-1.1570716	-1.57608024
beta2	-0.9099784	1.07599726
beta3	-2.0121515	1.96741454
beta4	-2.9855882	3.09768014
delta	0.1014876	1.50425442
gama	0.3326221	0.09575392
sigma	0.5855953	1.53575235
lambda	0.1759694	4.86119464
alpha1	0.7218437	NA
alpha2	0.9148805	NA
alpha3	1.8953679	NA

, , 74

	1	2
beta1	-0.54060054	-1.3182168
beta2	-1.05732480	0.9920821
beta3	-1.95723608	2.0103807
beta4	-3.06429963	3.1340122
delta	0.08829928	1.3851007
gama	0.43739342	0.1323789
sigma	0.66722573	1.4320904
lambda	0.13351223	3.8069040
alpha1	0.82080164	NA
alpha2	1.20047869	NA
alpha3	2.17011828	NA

, , 75

	1	2
beta1	-0.51271428	-1.0613742

beta2	-1.06595523	0.9756608
beta3	-2.06480877	2.0679739
beta4	-3.14636419	3.0829830
delta	0.08072973	1.2519797
gama	0.38004104	0.2391146
sigma	0.62173815	1.3440862
lambda	0.13095384	2.5603200
alpha1	0.90724975	NA
alpha2	1.32125139	NA
alpha3	2.56256295	NA

, , 76

	1	2
beta1	-0.93566201	-1.0545625
beta2	-0.99723455	0.9830405
beta3	-2.03642185	1.9898286
beta4	-2.95639274	3.0898511
delta	0.09413188	1.1892664
gama	0.31079239	0.2888337
sigma	0.56537882	1.3050626
lambda	0.16885018	2.2128663
alpha1	0.93549986	NA
alpha2	1.40005787	NA
alpha3	2.09943652	NA

, , 77

	1	2
beta1	-0.52120134	-0.9910711
beta2	-1.06907269	1.0058739
beta3	-2.03840738	1.9427817
beta4	-3.02362674	2.9639248
delta	0.08932586	1.4887224
gama	0.28872462	0.1264802
sigma	0.54470517	1.5306125
lambda	0.16623991	4.1860317
alpha1	0.65390777	NA
alpha2	0.87333993	NA
alpha3	1.97381501	NA

, , 78

	1	2
beta1	-0.9266324	-0.9208861
beta2	-1.0001687	0.9741882
beta3	-2.0144584	1.9328426
beta4	-2.9607600	3.0143537
delta	0.0845412	1.2545229
gama	0.3602743	0.2403149
sigma	0.6061530	1.3469011
lambda	0.1408484	2.5591056
alpha1	0.7764748	NA
alpha2	0.9822696	NA
alpha3	1.9422666	NA

, , 79

	1	2
beta1	-0.36753587	-1.192840
beta2	-1.07602532	1.061478
beta3	-2.19578501	2.013369
beta4	-3.19311860	3.044939
delta	0.09558293	1.325338
gama	0.29952438	0.281693
sigma	0.55557221	1.427661
lambda	0.17464826	2.497116
alpha1	0.50060696	NA
alpha2	0.83475051	NA
alpha3	2.43075242	NA

, , 80

	1	2
beta1	-0.92635526	-1.3007301
beta2	-0.99516541	1.0273218
beta3	-2.00838754	1.9692298
beta4	-3.00118307	3.0654832
delta	0.07441426	1.3563843
gama	0.33204166	0.1840359
sigma	0.58101561	1.4226082
lambda	0.12913974	3.1617788
alpha1	0.77854255	NA
alpha2	1.06348036	NA
alpha3	1.97653985	NA

, , 81

	1	2
beta1	-1.04918101	-1.1635757
beta2	-0.99007899	1.0158642
beta3	-1.93146166	2.0112318
beta4	-2.89932667	3.0851113
delta	0.08903181	1.2884953
gama	0.30787493	0.3984111
sigma	0.56196227	1.4347931
lambda	0.16045677	2.0413483
alpha1	0.80657643	NA
alpha2	0.85166534	NA
alpha3	1.92549149	NA

, , 82

	1	2
beta1	-0.76110067	-1.5063351
beta2	-1.00305708	1.0208056
beta3	-1.95316698	1.8917230
beta4	-3.01357921	3.1582932
delta	0.09259335	1.3914907
gama	0.34772290	0.1449972
sigma	0.59690571	1.4426516
lambda	0.15702295	3.6542688
alpha1	0.82464100	NA
alpha2	1.02406630	NA
alpha3	2.18880700	NA

, , 83

	1	2
beta1	-0.89219008	-0.8589839
beta2	-1.07502621	1.0277206
beta3	-1.97931775	2.0144416
beta4	-2.87430440	2.9148786
delta	0.09393919	1.2868073
gama	0.31244910	0.2455307
sigma	0.56681008	1.3789140
lambda	0.16805721	2.5969320
alpha1	0.62299292	NA
alpha2	0.79766877	NA

alpha3 2.34158288 NA

, , 84

	1	2
beta1	-0.96570116	-0.8865476
beta2	-0.97125304	0.9839352
beta3	-2.06548456	2.0286440
beta4	-2.97404243	2.9686035
delta	0.08335867	1.3486569
gama	0.35630264	0.1049794
sigma	0.60270333	1.3870309
lambda	0.13965010	4.1624529
alpha1	0.58698674	NA
alpha2	0.93199420	NA
alpha3	1.85767111	NA

, , 85

	1	2
beta1	-0.98243331	-0.9963440
beta2	-0.99999374	1.0290434
beta3	-2.06373838	1.9596965
beta4	-2.96614202	3.0170548
delta	0.09035087	1.1890477
gama	0.30967788	0.1739737
sigma	0.56377403	1.2600826
lambda	0.16235934	2.8507391
alpha1	0.55181189	NA
alpha2	1.14340747	NA
alpha3	2.33011192	NA

, , 86

	1	2
beta1	-1.0352190	-0.8904325
beta2	-1.0307819	0.9825354
beta3	-1.9171323	2.0442499
beta4	-2.8575211	2.9940340
delta	0.0977797	1.3338797
gama	0.2965250	0.1451448
sigma	0.5532503	1.3872202
lambda	0.1795635	3.5011920

alpha1	0.6860677	NA
alpha2	0.9938255	NA
alpha3	1.9297663	NA

, , 87

	1	2
beta1	-0.63927322	-0.9400552
beta2	-0.98307049	1.0550273
beta3	-1.98466474	1.9784912
beta4	-3.09191479	2.9676025
delta	0.05149768	1.0754677
gama	0.40123339	0.4165888
sigma	0.63551979	1.2542805
lambda	0.08129973	1.6662632
alpha1	0.61883985	NA
alpha2	0.91003011	NA
alpha3	1.79253080	NA

, , 88

	1	2
beta1	-0.71216780	-0.8856399
beta2	-1.04489775	0.9370803
beta3	-2.06634590	1.9733626
beta4	-3.02194006	3.0408836
delta	0.09065193	1.2621457
gama	0.30863709	0.1566405
sigma	0.56289863	1.3227442
lambda	0.16317477	3.1890215
alpha1	0.51272034	NA
alpha2	0.68714432	NA
alpha3	1.78692981	NA

, , 89

	1	2
beta1	-1.51767442	-0.8039385
beta2	-0.94846359	1.0169646
beta3	-1.92732119	1.9411738
beta4	-2.70536902	2.9600069
delta	0.09421869	1.1652627
gama	0.38079080	0.2795437

sigma	0.62423390	1.2796019
lambda	0.15268411	2.2039360
alpha1	0.62327642	NA
alpha2	0.86777894	NA
alpha3	1.72581915	NA

, , 90

	1	2
beta1	-1.07440022	-0.8018414
beta2	-0.94441417	0.9215729
beta3	-1.92447419	1.9946791
beta4	-2.95316175	3.0049347
delta	0.09945946	1.3511572
gama	0.27101874	0.1342924
sigma	0.53001030	1.3999708
lambda	0.19104973	3.6870594
alpha1	0.65165446	NA
alpha2	1.03914912	NA
alpha3	2.08685918	NA

, , 91

	1	2
beta1	-0.9652372	-0.71244061
beta2	1.0393183	-1.00392735
beta3	1.9899727	-1.99198714
beta4	2.9245585	-3.00611858
delta	1.2455886	0.08187155
gama	0.1404023	0.27719690
sigma	1.3007279	0.53282253
lambda	3.3242022	0.15550302
alpha1	-0.4884438	NA
alpha2	-0.9570936	NA
alpha3	-2.1820491	NA

, , 92

	1	2
beta1	-0.63583711	-1.2329390
beta2	-0.98446282	1.1007313
beta3	-2.01080316	1.9998728
beta4	-3.13568836	2.9285117

delta	0.09137195	1.4034208
gama	0.38137753	0.2164288
sigma	0.62428067	1.4785191
lambda	0.14795694	3.0166876
alpha1	0.78873387	NA
alpha2	1.15034428	NA
alpha3	2.16705813	NA

, , 93

	1	2
beta1	-1.04409673	-0.7071887
beta2	-0.96675681	0.9753460
beta3	-1.99945932	1.9847005
beta4	-2.93258949	2.9379973
delta	0.09351716	1.2525039
gama	0.35261954	0.2310566
sigma	0.60113642	1.3415747
lambda	0.15748461	2.6056730
alpha1	0.81709319	NA
alpha2	1.07038000	NA
alpha3	2.09785622	NA

, , 94

	1	2
beta1	-0.75790193	-1.1964614
beta2	-1.00725984	1.0103039
beta3	-1.97838200	2.0119276
beta4	-3.01535068	3.0500461
delta	0.08705527	1.3243330
gama	0.33564618	0.2309592
sigma	0.58585391	1.4088353
lambda	0.15026375	2.7556851
alpha1	0.48916060	NA
alpha2	1.01708907	NA
alpha3	2.32784994	NA

, , 95

	1	2
beta1	-1.1611205	-0.95840988
beta2	0.9720492	-1.00047670

beta3	2.0492021	-1.97004643
beta4	3.0771447	-2.96442878
delta	1.3630776	0.09353735
gama	0.2117394	0.36731288
sigma	1.4386522	0.61323904
lambda	2.9622369	0.15433590
alpha1	-0.5226308	NA
alpha2	-1.0014812	NA
alpha3	-2.0667878	NA

, , 96

	1	2
beta1	-0.55691471	-1.1213235
beta2	-1.01527122	0.9687891
beta3	-2.07010730	2.0169476
beta4	-3.14679530	3.0511866
delta	0.09601458	1.3897866
gama	0.29280461	0.1836623
sigma	0.54956656	1.4543621
lambda	0.17743866	3.2429344
alpha1	0.79594120	NA
alpha2	0.96412324	NA
alpha3	1.64244649	NA

, , 97

	1	2
beta1	-0.77637428	-1.160107
beta2	-0.99788885	1.053932
beta3	-1.98635098	1.965064
beta4	-3.01857534	2.997897
delta	0.08193089	1.522039
gama	0.27155094	0.104307
sigma	0.52750698	1.555927
lambda	0.15722515	4.712692
alpha1	0.77720183	NA
alpha2	0.86081875	NA
alpha3	1.79179738	NA

, , 98

	1	2
--	---	---

beta1	-0.81345765	-0.3369299
beta2	-1.01602923	0.8481532
beta3	-1.92165636	1.9154993
beta4	-2.93995582	2.8341833
delta	0.09776174	1.6286213
gama	0.36691774	0.1036612
sigma	0.61357567	1.6601411
lambda	0.16139296	5.0583875
alpha1	0.70205714	NA
alpha2	0.97961801	NA
alpha3	2.17358898	NA

, , 99

	1	2
beta1	-1.30255254	-1.0108454
beta2	-0.95016231	0.9495565
beta3	-1.99912744	1.9607418
beta4	-2.86422449	3.0326733
delta	0.09119037	1.4150172
gama	0.36407181	0.1354732
sigma	0.61023560	1.4621036
lambda	0.15113166	3.8444566
alpha1	0.85479817	NA
alpha2	1.16087964	NA
alpha3	2.09554527	NA

, , 100

	1	2
beta1	-0.56057497	-1.3406010
beta2	-1.06872186	1.0656600
beta3	-2.03566884	1.9681089
beta4	-2.99602802	2.9757973
delta	0.09007396	1.4672839
gama	0.32623558	0.1371133
sigma	0.57822911	1.5132862
lambda	0.15770070	3.9625470
alpha1	0.68158356	NA
alpha2	0.84764445	NA
alpha3	2.07183334	NA

|

		0%
=====		50%
=====		100%

Table 1: Resultados para simulações de tamanho 500 SN com censura à esquerda

Parâmetro	Verdadeiro	n = 100				n = 200			
		0%	7.5%	15%	30%	0%	7.5%	15%	30%
Média α_{11}	0.7	0.73	0.73	0.71	0.70	0.71	0.70	0.69	0.70
Mediana α_{11}	0.7	0.73	0.73	0.70	0.70	0.71	0.71	0.68	0.70
EP α_{11}	0.7	0.13	0.14	0.14	0.13	0.08	0.09	0.08	0.09
Média α_{21}	1.0	1.02	1.02	1.00	1.01	1.01	1.01	1.00	1.00
Mediana α_{21}	1.0	1.00	1.02	1.00	1.02	1.02	1.02	1.00	1.01
EP α_{21}	1.0	0.15	0.12	0.14	0.13	0.10	0.09	0.09	0.09
Média α_{31}	2.0	2.04	2.01	2.04	2.04	2.03	1.99	2.02	2.03
Mediana α_{31}	2.0	2.01	2.02	2.02	2.04	2.04	2.00	2.03	2.03
EP α_{31}	2.0	0.22	0.21	0.21	0.23	0.15	0.16	0.17	0.13
Média β_{11}	0.0	0.01	-0.82	-0.82	-0.82	0.00	-0.80	-0.83	-0.81
Mediana β_{11}	0.0	0.00	-0.81	-0.79	-0.81	-0.01	-0.83	-0.82	-0.81
EP β_{11}	0.0	0.14	0.20	0.20	0.23	0.08	0.17	0.13	0.16
Média β_{12}	-1.0	-1.02	-0.95	-1.01	-0.99	-0.99	-0.99	-0.99	-0.99
Mediana β_{12}	-1.0	-1.00	-0.97	-1.00	-0.99	-1.00	-0.96	-1.00	-0.98
EP β_{12}	-1.0	0.24	0.25	0.22	0.24	0.19	0.16	0.16	0.15
Média β_{21}	-1.0	-1.00	-1.00	-1.00	-1.01	-1.00	-1.00	-1.00	-1.00
Mediana β_{21}	-1.0	-1.00	-1.00	-1.01	-1.00	-1.00	-1.00	-1.00	-1.01
EP β_{21}	-1.0	0.03	0.03	0.04	0.05	0.02	0.02	0.03	0.03
Média β_{22}	1.0	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Mediana β_{22}	1.0	1.00	1.00	1.00	1.00	1.00	0.99	1.00	1.01
EP β_{22}	1.0	0.05	0.04	0.05	0.05	0.03	0.03	0.03	0.03
Média β_{31}	-2.0	-2.00	-2.00	-2.00	-2.01	-2.00	-2.00	-2.00	-2.00
Mediana β_{31}	-2.0	-2.01	-2.00	-2.00	-2.01	-2.00	-2.00	-2.00	-2.00
EP β_{31}	-2.0	0.03	0.03	0.05	0.06	0.02	0.03	0.03	0.05
Média β_{32}	2.0	2.01	2.00	2.00	2.00	2.00	2.00	2.00	1.99
Mediana β_{32}	2.0	2.01	2.00	1.99	2.00	2.00	2.00	2.00	1.99
EP β_{32}	2.0	0.05	0.04	0.05	0.05	0.03	0.03	0.03	0.03
Média β_{41}	-3.0	-3.00	-3.00	-3.01	-3.00	-3.00	-3.00	-3.00	-3.01
Mediana β_{41}	-3.0	-3.00	-3.00	-3.01	-3.01	-3.00	-3.00	-3.00	-3.01
EP β_{41}	-3.0	0.04	0.05	0.06	0.08	0.02	0.03	0.04	0.06
Média β_{42}	3.0	3.01	3.00	3.01	3.00	3.00	3.00	3.00	3.00
Mediana β_{42}	3.0	3.01	3.00	3.00	3.00	3.00	3.01	3.00	3.00
EP β_{42}	3.0	0.06	0.06	0.06	0.07	0.04	0.04	0.04	0.05
Média λ_1	-5.0	-6.08	-0.04	0.11	0.15	-5.05	-0.04	0.10	0.12
Mediana λ_1	-5.0	-5.34	0.09	0.11	0.16	-4.98	0.09	0.11	0.12
EP λ_1	-5.0	2.89	0.94	0.03	0.02	0.75	0.98	0.01	0.01
Média λ_2	3.0	3.27	3.19	3.32	3.14	3.09	2.99	3.10	3.06
Mediana λ_2	3.0	3.19	3.08	3.02	3.10	3.01	2.95	3.02	2.93
EP λ_2	3.0	0.79	1.08	1.19	0.76	0.54	0.51	0.58	0.53
Média σ_1	1.0	1.00	0.62	0.61	0.59	1.00	0.62	0.61	0.59
Mediana σ_1	1.0	1.00	0.61	0.61	0.59	1.00	0.61	0.60	0.59
EP σ_1	1.0	0.06	0.07	0.03	0.04	0.04	0.07	0.02	0.03
Média σ_2	1.4	1.41	1.38	1.40	1.40	1.41	1.40	1.41	1.41
Mediana σ_2	1.4	1.41	1.39	1.39	1.39	1.42	1.41	1.41	1.41
EP σ_2	1.4	0.10	0.12	0.10	0.10	0.07	0.08	0.07	0.06

Table 2: Resultados para simulações de tamanho 500 SN com censura intervalar

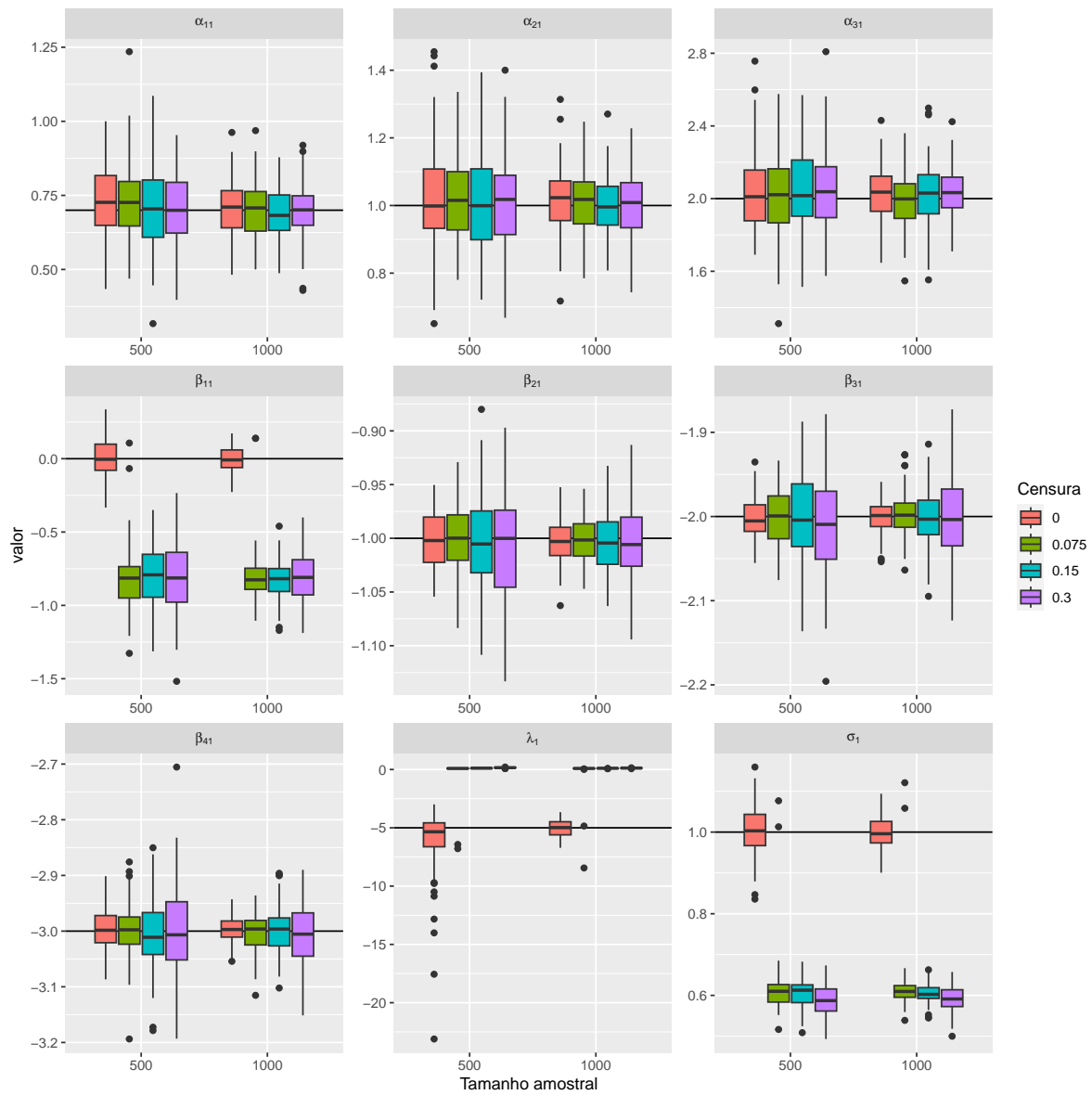
Parâmetro	Verdadeiro	n = 100				n = 200				n = 500				n = 1000			
		0%	7.5%	15%	30%	0%	7.5%	15%	30%	0%	7.5%	15%	30%	0%	7.5%	15%	30%
Média α_{11}	0.7	0.72	0.73	0.70	0.74	0.71	0.71	0.71	0.71	0.70	0.70	0.70	0.70	0.70	0.69	0.70	0.70
Mediana α_{11}	0.7	0.71	0.73	0.71	0.71	0.69	0.71	0.70	0.71	0.71	0.70	0.70	0.70	0.71	0.70	0.70	0.70
EP α_{11}	0.7	0.30	0.32	0.30	0.34	0.21	0.21	0.22	0.22	0.13	0.13	0.13	0.12	0.09	0.09	0.10	0.09
Média α_{21}	1.0	1.04	1.05	1.01	1.05	1.01	1.01	1.01	1.02	1.02	1.00	1.00	1.01	1.00	1.00	1.01	1.00
Mediana α_{21}	1.0	1.03	1.02	0.99	1.03	1.01	1.00	1.00	1.02	1.02	1.00	1.01	1.00	1.00	1.00	1.01	0.99
EP α_{21}	1.0	0.35	0.33	0.30	0.34	0.23	0.22	0.21	0.22	0.14	0.14	0.14	0.13	0.10	0.10	0.11	0.10
Média α_{31}	2.0	2.09	2.08	2.04	2.08	2.05	2.06	2.03	2.04	2.02	2.00	1.99	1.99	2.01	1.99	2.00	2.00
Mediana α_{31}	2.0	2.07	2.04	1.97	2.05	2.03	2.04	2.01	2.01	2.01	2.01	1.99	1.97	2.01	2.00	2.00	2.00
EP α_{31}	2.0	0.55	0.52	0.50	0.50	0.35	0.35	0.37	0.35	0.22	0.21	0.21	0.22	0.15	0.15	0.16	0.15
Média β_{11}	0.0	-0.41	-0.44	-0.41	-0.40	-0.42	-0.44	-0.41	-0.44	-0.44	-0.46	-0.45	-0.45	-0.46	-0.46	-0.46	-0.45
Mediana β_{11}	0.0	-0.46	-0.44	-0.43	-0.42	-0.44	-0.45	-0.43	-0.45	-0.45	-0.48	-0.46	-0.46	-0.47	-0.47	-0.48	-0.45
EP β_{11}	0.0	0.61	0.60	0.62	0.62	0.44	0.40	0.43	0.43	0.28	0.27	0.27	0.26	0.17	0.19	0.18	0.17
Média β_{12}	-1.0	-0.56	-0.52	-0.53	-0.55	-0.60	-0.59	-0.64	-0.61	-0.69	-0.68	-0.69	-0.64	-0.75	-0.75	-0.72	-0.70
Mediana β_{12}	-1.0	-0.58	-0.54	-0.57	-0.62	-0.63	-0.63	-0.65	-0.65	-0.74	-0.70	-0.76	-0.68	-0.81	-0.82	-0.80	-0.77
EP β_{12}	-1.0	0.72	0.71	0.72	0.68	0.53	0.54	0.55	0.51	0.37	0.38	0.38	0.38	0.29	0.29	0.31	0.31
Média β_{21}	-1.0	-1.00	-1.00	-0.99	-1.01	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
Mediana β_{21}	-1.0	-1.00	-1.00	-0.99	-1.01	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.01	-1.00	-1.00	-1.00	-1.00	-1.00
EP β_{21}	-1.0	0.11	0.11	0.10	0.10	0.07	0.07	0.08	0.07	0.04	0.04	0.05	0.05	0.03	0.03	0.03	0.03
Média β_{22}	1.0	0.99	1.00	1.00	1.00	1.00	1.00	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Mediana β_{22}	1.0	0.99	1.01	1.00	1.00	1.00	0.99	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
EP β_{22}	1.0	0.12	0.13	0.12	0.12	0.08	0.08	0.08	0.08	0.05	0.05	0.05	0.05	0.03	0.03	0.03	0.03
Média β_{31}	-2.0	-2.01	-2.00	-2.01	-1.99	-2.01	-2.00	-1.99	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
Mediana β_{31}	-2.0	-2.01	-2.00	-2.00	-2.00	-2.01	-2.00	-1.99	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
EP β_{31}	-2.0	0.10	0.10	0.11	0.10	0.07	0.07	0.07	0.07	0.04	0.05	0.05	0.04	0.03	0.03	0.03	0.03
Média β_{32}	2.0	2.00	2.00	2.00	1.99	1.99	2.01	2.00	1.99	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Mediana β_{32}	2.0	2.00	2.00	2.00	1.99	2.00	2.01	2.00	1.99	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
EP β_{32}	2.0	0.13	0.12	0.13	0.12	0.08	0.08	0.08	0.08	0.05	0.05	0.05	0.05	0.03	0.03	0.03	0.04
Média β_{41}	-3.0	-3.00	-3.00	-3.01	-3.01	-3.00	-3.00	-3.00	-3.00	-3.00	-3.00	-3.00	-3.00	-3.00	-3.00	-3.00	-3.00
Mediana β_{41}	-3.0	-3.00	-3.00	-3.01	-3.00	-3.00	-2.99	-3.01	-3.00	-3.00	-3.00	-3.00	-3.00	-3.00	-3.00	-3.00	-3.00
EP β_{41}	-3.0	0.15	0.13	0.14	0.13	0.10	0.10	0.09	0.10	0.06	0.06	0.06	0.06	0.04	0.04	0.04	0.04
Média β_{42}	3.0	3.00	3.00	3.00	3.01	2.99	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Mediana β_{42}	3.0	3.01	3.00	3.01	3.01	2.99	3.00	3.00	3.00	3.00	2.99	3.00	3.00	3.00	3.00	3.00	3.00
EP β_{42}	3.0	0.15	0.16	0.16	0.15	0.11	0.11	0.11	0.10	0.06	0.07	0.07	0.07	0.05	0.05	0.05	0.04
Média λ_1	-1.0	-0.44	-0.39	-0.64	-0.52	-0.30	-0.23	-0.32	-0.24	-0.20	-0.20	-0.19	-0.16	-0.18	-0.19	-0.16	-0.17
Mediana λ_1	-1.0	-0.11	-0.09	-0.13	-0.11	-0.14	-0.14	-0.13	-0.10	-0.14	-0.13	-0.13	-0.12	-0.16	-0.15	-0.14	-0.15
EP λ_1	-1.0	1.51	1.53	3.51	2.34	0.83	0.54	0.68	0.66	0.34	0.35	0.30	0.27	0.19	0.24	0.16	0.18
Média λ_2	3.0	4.03	3.38	3.66	2.79	1.96	2.00	1.98	1.81	1.88	1.81	1.87	1.66	1.93	1.91	1.81	1.76
Mediana λ_2	3.0	1.83	0.61	0.63	0.70	1.93	1.94	1.92	1.66	2.19	2.08	2.16	1.95	2.18	2.14	2.11	2.04
EP λ_2	3.0	7.13	6.43	6.63	4.74	1.90	1.90	1.84	1.59	1.08	1.04	1.03	1.04	0.80	0.81	0.84	0.84
Média σ_1	1.0	0.87	0.88	0.88	0.86	0.86	0.85	0.86	0.84	0.84	0.84	0.84	0.83	0.84	0.84	0.83	0.83
Mediana σ_1	1.0	0.83	0.83	0.83	0.81	0.84	0.83	0.83	0.83	0.83	0.83	0.83	0.82	0.83	0.83	0.83	0.83
EP σ_1	1.0	0.16	0.17	0.19	0.17	0.12	0.10	0.12	0.11	0.07	0.07	0.06	0.06	0.04	0.05	0.04	0.04
Média σ_2	1.4	1.15	1.11	1.12	1.10	1.17	1.17	1.16	1.14	1.21	1.21	1.21	1.17	1.25	1.24	1.22	1.21
Mediana σ_2	1.4	1.14	1.05	1.04	1.04	1.19	1.18	1.17	1.13	1.27	1.26	1.27	1.23	1.30	1.30	1.29	1.27
EP σ_2	1.4	0.28	0.29	0.29	0.28	0.24	0.24	0.25	0.24	0.19	0.20	0.19	0.20	0.15	0.15	0.16	0.17

Table 3: Resultados para simulações de tamanho 500 ST com censura à esquerda

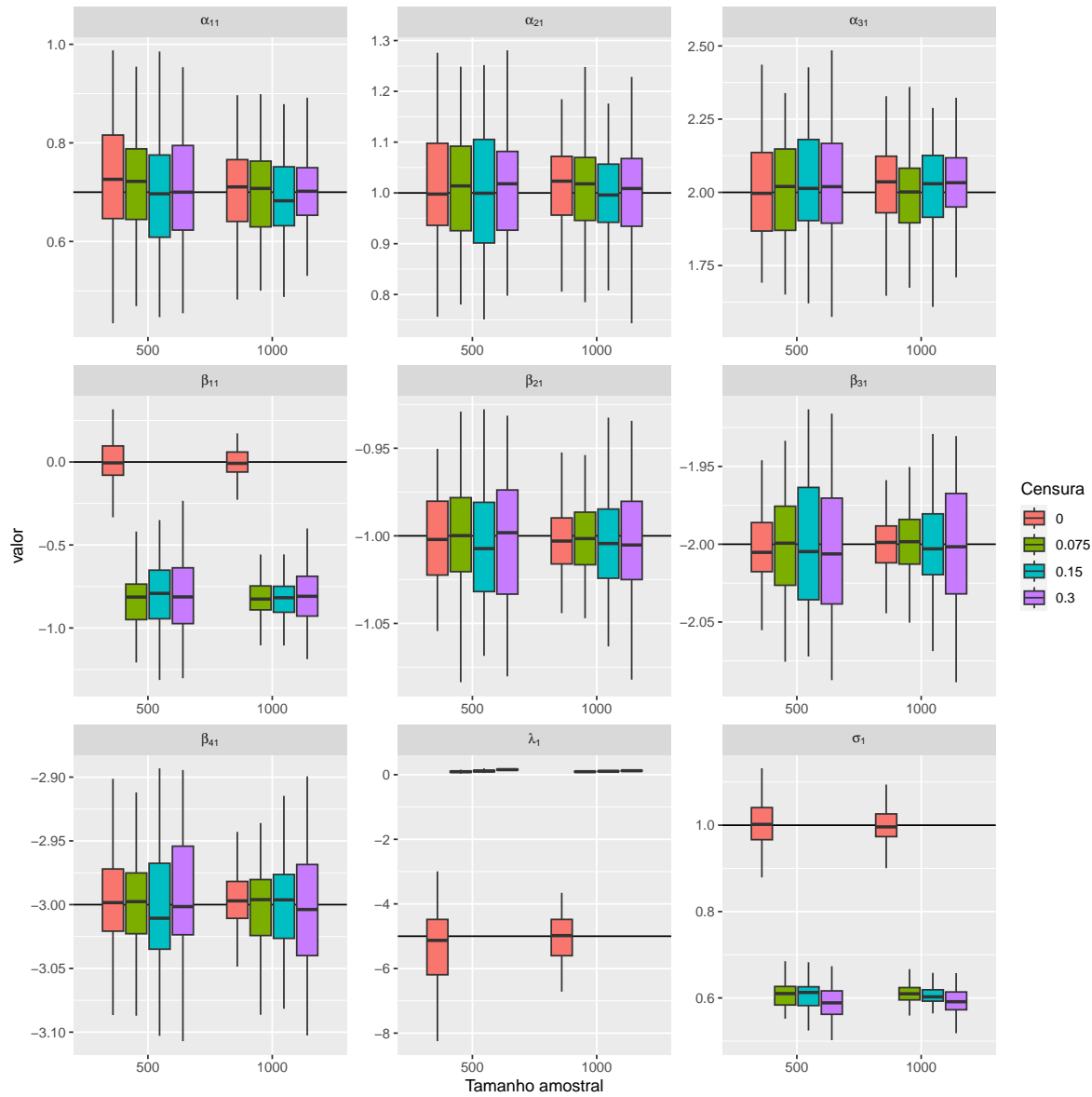
Parâmetro	Verdadeiro	n = 100				n = 200				n = 500				n = 1000			
		0%	7.5%	15%	30%	0%	7.5%	15%	30%	0%	7.5%	15%	30%	0%	7.5%	15%	30%
Média α_{11}	0.7	0.74	0.74	0.73	0.73	0.70	0.70	0.70	0.70	0.71	0.71	0.71	0.71	0.70	0.70	0.71	0.70
Mediana α_{11}	0.7	0.71	0.71	0.71	0.71	0.69	0.69	0.69	0.69	0.71	0.71	0.71	0.71	0.70	0.70	0.70	0.70
EP α_{11}	0.7	0.32	0.32	0.32	0.32	0.22	0.22	0.22	0.22	0.13	0.13	0.13	0.13	0.09	0.09	0.09	0.09
Média α_{21}	1.0	1.06	1.06	1.06	1.06	1.01	1.01	1.01	1.01	1.02	1.02	1.01	1.01	1.01	1.01	1.01	1.01
Mediana α_{21}	1.0	1.05	1.05	1.05	1.05	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.01	1.00	1.00	1.00
EP α_{21}	1.0	0.34	0.34	0.34	0.34	0.24	0.24	0.24	0.24	0.14	0.14	0.14	0.14	0.10	0.10	0.10	0.10
Média α_{31}	2.0	2.12	2.12	2.12	2.12	2.04	2.04	2.04	2.04	2.02	2.02	2.02	2.02	2.01	2.00	2.00	2.00
Mediana α_{31}	2.0	2.04	2.04	2.04	2.04	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.00	2.00	2.00	2.00
EP α_{31}	2.0	0.55	0.55	0.55	0.55	0.35	0.35	0.35	0.35	0.22	0.22	0.22	0.22	0.15	0.15	0.15	0.15
Média β_{11}	0.0	-0.05	-0.03	-0.30	-1.38	0.02	0.01	-0.22	-1.38	0.07	0.09	-0.21	-1.37	0.08	0.11	-0.20	-1.39
Mediana β_{11}	0.0	0.01	0.03	-0.31	-1.30	0.00	0.00	-0.25	-1.36	0.06	0.14	-0.24	-1.36	0.08	0.16	-0.25	-1.38
EP β_{11}	0.0	0.78	0.95	1.11	1.22	0.53	0.65	0.83	0.81	0.31	0.41	0.64	0.47	0.23	0.33	0.55	0.34
Média β_{12}	-1.0	-0.91	-0.91	-0.90	-0.92	-0.99	-0.99	-0.99	-1.00	-1.08	-1.08	-1.08	-1.08	-1.10	-1.11	-1.11	-1.10
Mediana β_{12}	-1.0	-0.96	-0.96	-0.96	-0.96	-1.00	-1.01	-1.01	-1.02	-1.07	-1.08	-1.08	-1.08	-1.12	-1.12	-1.12	-1.12
EP β_{12}	-1.0	0.73	0.72	0.73	0.72	0.44	0.44	0.45	0.44	0.28	0.29	0.29	0.28	0.20	0.20	0.21	0.20
Média β_{21}	-1.0	-1.00	-1.02	-1.01	-0.98	-1.00	-1.01	-1.02	-0.98	-1.00	-1.01	-1.02	-0.99	-1.00	-1.01	-1.03	-0.98
Mediana β_{21}	-1.0	-1.00	-1.01	-1.01	-0.98	-1.00	-1.01	-1.03	-0.99	-1.00	-1.01	-1.02	-0.98	-1.00	-1.02	-1.02	-0.99
EP β_{21}	-1.0	0.13	0.14	0.16	0.22	0.09	0.10	0.11	0.15	0.05	0.06	0.06	0.09	0.04	0.04	0.05	0.06
Média β_{22}	1.0	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Mediana β_{22}	1.0	1.00	1.00	1.01	1.01	0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
EP β_{22}	1.0	0.15	0.15	0.15	0.15	0.09	0.09	0.09	0.09	0.06	0.06	0.06	0.06	0.04	0.04	0.04	0.04
Média β_{31}	-2.0	-2.00	-2.03	-2.03	-1.94	-2.00	-2.02	-2.04	-1.96	-2.00	-2.03	-2.05	-1.96	-2.00	-2.03	-2.06	-1.97
Mediana β_{31}	-2.0	-2.00	-2.03	-2.03	-1.95	-2.00	-2.03	-2.04	-1.96	-2.00	-2.03	-2.05	-1.97	-2.00	-2.03	-2.06	-1.97
EP β_{31}	-2.0	0.13	0.15	0.18	0.28	0.10	0.10	0.12	0.17	0.05	0.06	0.07	0.11	0.04	0.04	0.06	0.08
Média β_{32}	2.0	1.99	1.99	1.99	1.99	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Mediana β_{32}	2.0	1.99	1.99	1.99	1.99	2.00	2.00	2.00	2.01	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
EP β_{32}	2.0	0.14	0.14	0.14	0.14	0.10	0.10	0.10	0.10	0.06	0.06	0.06	0.06	0.04	0.04	0.04	0.04
Média β_{41}	-3.0	-3.00	-3.04	-3.04	-2.90	-3.00	-3.03	-3.06	-2.93	-3.00	-3.04	-3.07	-2.94	-3.00	-3.04	-3.08	-2.94
Mediana β_{41}	-3.0	-3.00	-3.03	-3.03	-2.91	-2.99	-3.02	-3.05	-2.92	-3.00	-3.04	-3.07	-2.94	-3.00	-3.04	-3.09	-2.94
EP β_{41}	-3.0	0.18	0.21	0.24	0.40	0.12	0.13	0.16	0.26	0.07	0.08	0.10	0.16	0.05	0.06	0.07	0.11
Média β_{42}	3.0	3.00	3.01	3.00	3.00	2.99	2.99	2.99	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Mediana β_{42}	3.0	3.00	3.00	3.00	3.00	3.00	3.01	3.00	3.00	3.01	3.01	3.01	3.01	3.00	3.00	3.00	3.00
EP β_{42}	3.0	0.18	0.19	0.19	0.18	0.12	0.12	0.12	0.13	0.07	0.07	0.07	0.07	0.05	0.05	0.05	0.05
Média λ_1	-1.0	-1.51	-1.50	-1.08	0.88	-1.42	-1.16	-0.68	0.71	-1.25	-1.06	-0.48	0.67	-1.26	-1.05	-0.40	0.68
Mediana λ_1	-1.0	-1.16	-1.17	-0.15	0.59	-1.26	-1.21	-0.20	0.63	-1.22	-1.12	-0.18	0.63	-1.24	-1.13	-0.20	0.66
EP λ_1	-1.0	2.10	3.00	4.07	1.64	2.17	1.00	1.26	0.51	0.49	0.64	0.85	0.24	0.40	0.52	0.70	0.17
Média λ_2	3.0	6.27	6.16	6.55	6.47	4.28	4.16	4.13	4.25	3.83	3.84	3.84	3.90	3.82	3.83	3.84	3.84
Mediana λ_2	3.0	3.36	3.19	3.26	3.37	3.56	3.44	3.43	3.48	3.50	3.53	3.52	3.57	3.70	3.71	3.68	3.76
EP λ_2	3.0	7.47	10.19	11.18	8.28	3.56	3.31	3.46	3.31	1.66	1.73	1.79	1.69	1.04	1.07	1.20	1.00
Média ν_1	3.0	5.47	7.87	10.51	16.28	3.79	5.49	8.21	15.11	3.29	4.44	6.31	14.05	3.25	4.14	5.54	12.88
Mediana ν_1	3.0	3.35	4.95	7.42	20.00	3.19	4.46	5.86	19.68	3.13	4.27	5.56	13.47	3.20	4.06	5.39	11.58
EP ν_1	3.0	5.45	6.25	6.95	5.85	2.61	3.94	5.37	5.68	0.78	1.58	2.91	5.11	0.56	0.69	1.43	4.31
Média ν_2	3.0	5.32	5.21	5.26	5.33	4.11	4.07	4.08	4.10	3.81	3.88	3.97	3.71	3.91	4.06	4.16	3.80
Mediana ν_2	3.0	3.56	3.60	3.65	3.58	3.67	3.71	3.73	3.65	3.70	3.79	3.81	3.66	3.78	3.88	3.90	3.74
EP ν_2	3.0	4.98	4.72	4.77	4.93	2.30	2.05	2.01	2.39	1.03	1.21	1.64	0.73	1.12	1.35	1.74	0.90
Média σ_1	1.0	1.07	1.22	1.25	1.18	1.07	1.18	1.23	1.19	1.06	1.17	1.18	1.22	1.08	1.16	1.16	1.23
Mediana σ_1	1.0	1.03	1.18	1.16	1.14	1.05	1.17	1.15	1.18	1.06	1.16	1.11	1.22	1.07	1.17	1.10	1.23
EP σ_1	1.0	0.30	0.30	0.36	0.29	0.26	0.22	0.28	0.18	0.15	0.16	0.20	0.11	0.14	0.13	0.17	0.08
Média σ_2	1.4	1.45	1.46	1.46	1.46	1.54	1.55	1.55	1.53	1.61	1.64	1.64	1.61	1.65	1.68	1.69	1.64
Mediana σ_2	1.4	1.42	1.44	1.44	1.45	1.51	1.52	1.52	1.51	1.60	1.61	1.62	1.59	1.64	1.67	1.67	1.64
EP σ_2	1.4	0.41	0.41	0.41	0.42	0.30	0.32	0.32	0.30	0.24	0.25	0.27	0.23	0.17	0.18	0.22	0.16

Censura à Esquerda

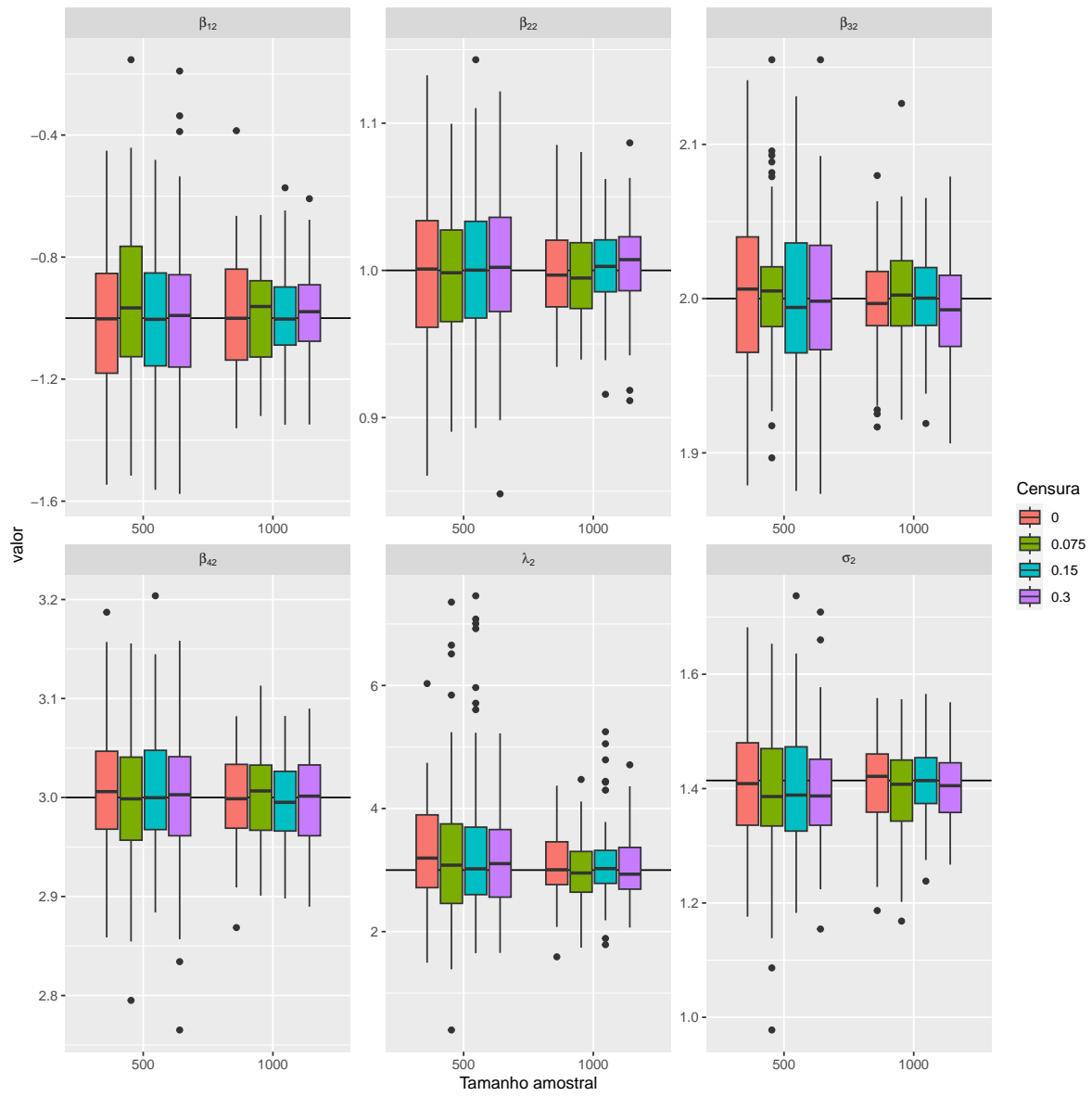
Grupo 1



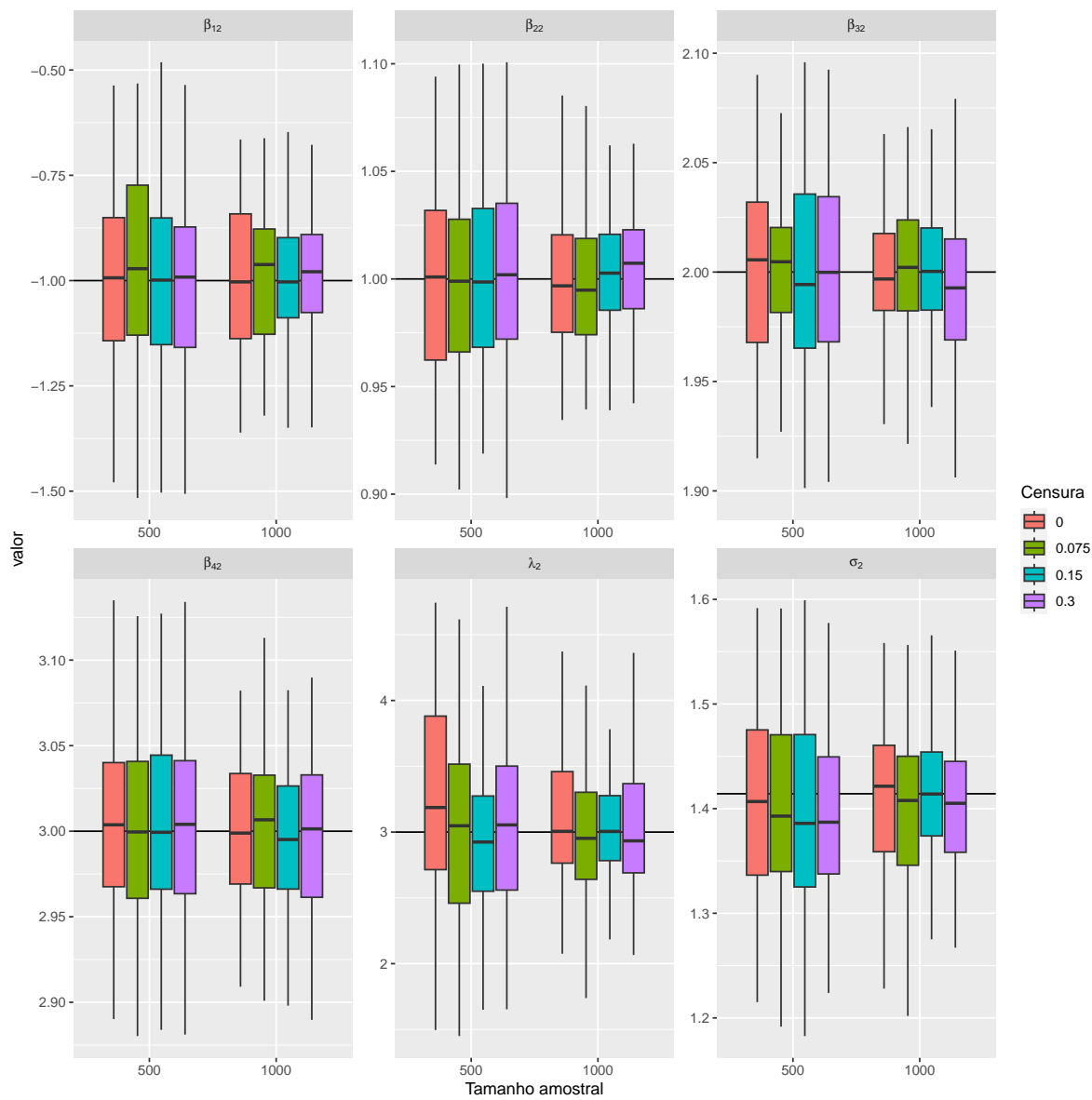
Sem outliers



Grupo 2

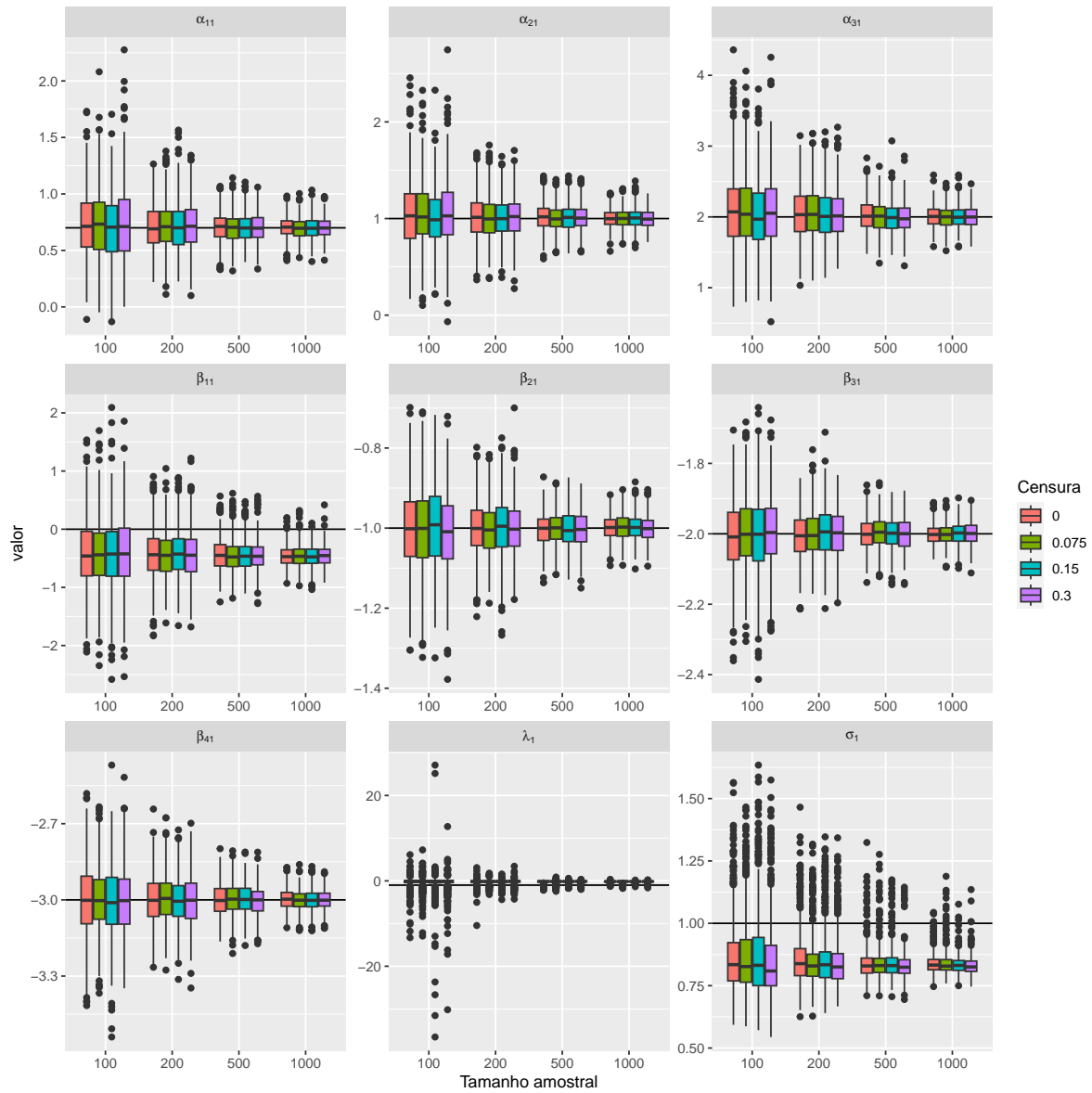


Sem outliers

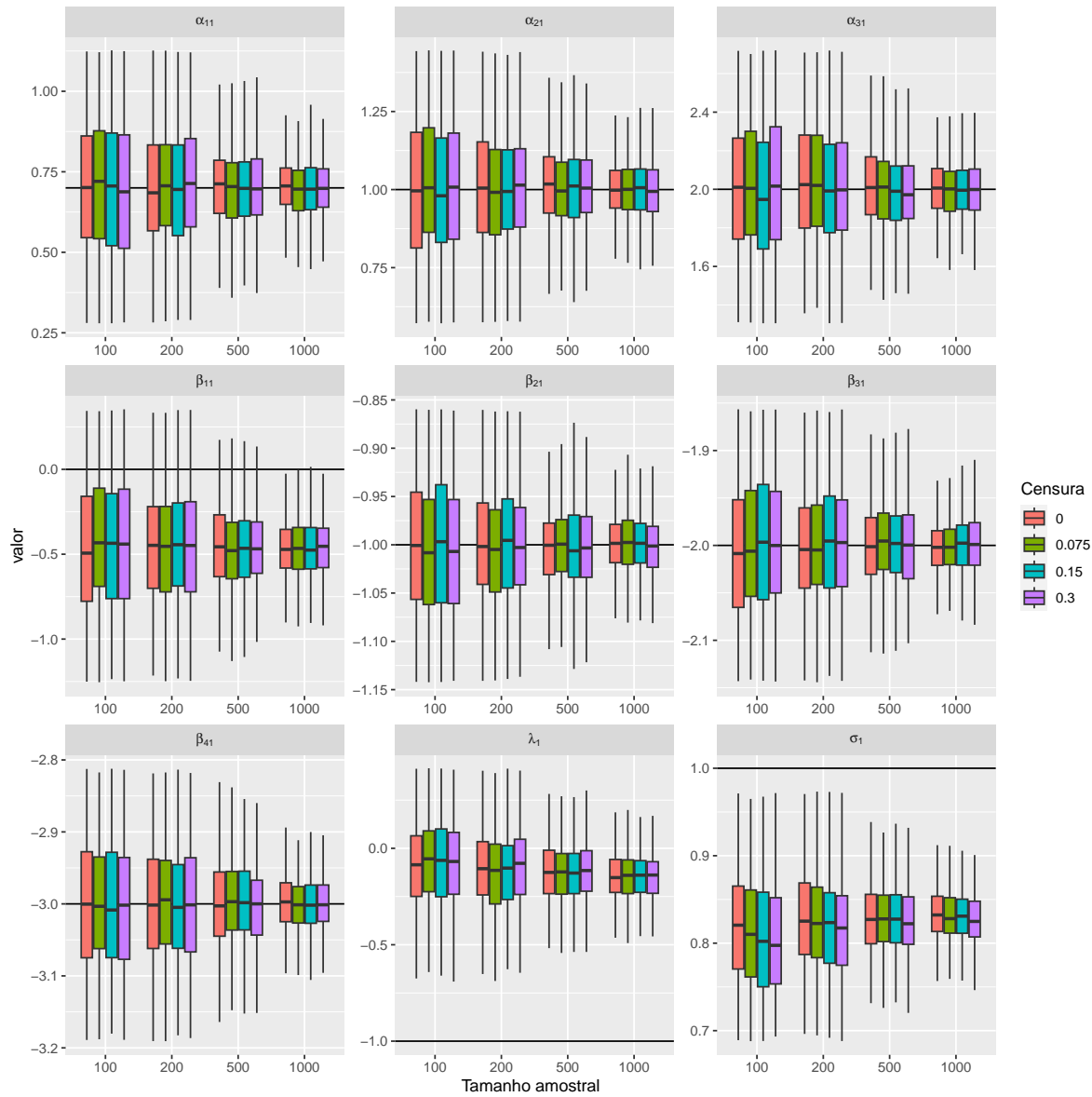


Censura Intervalar

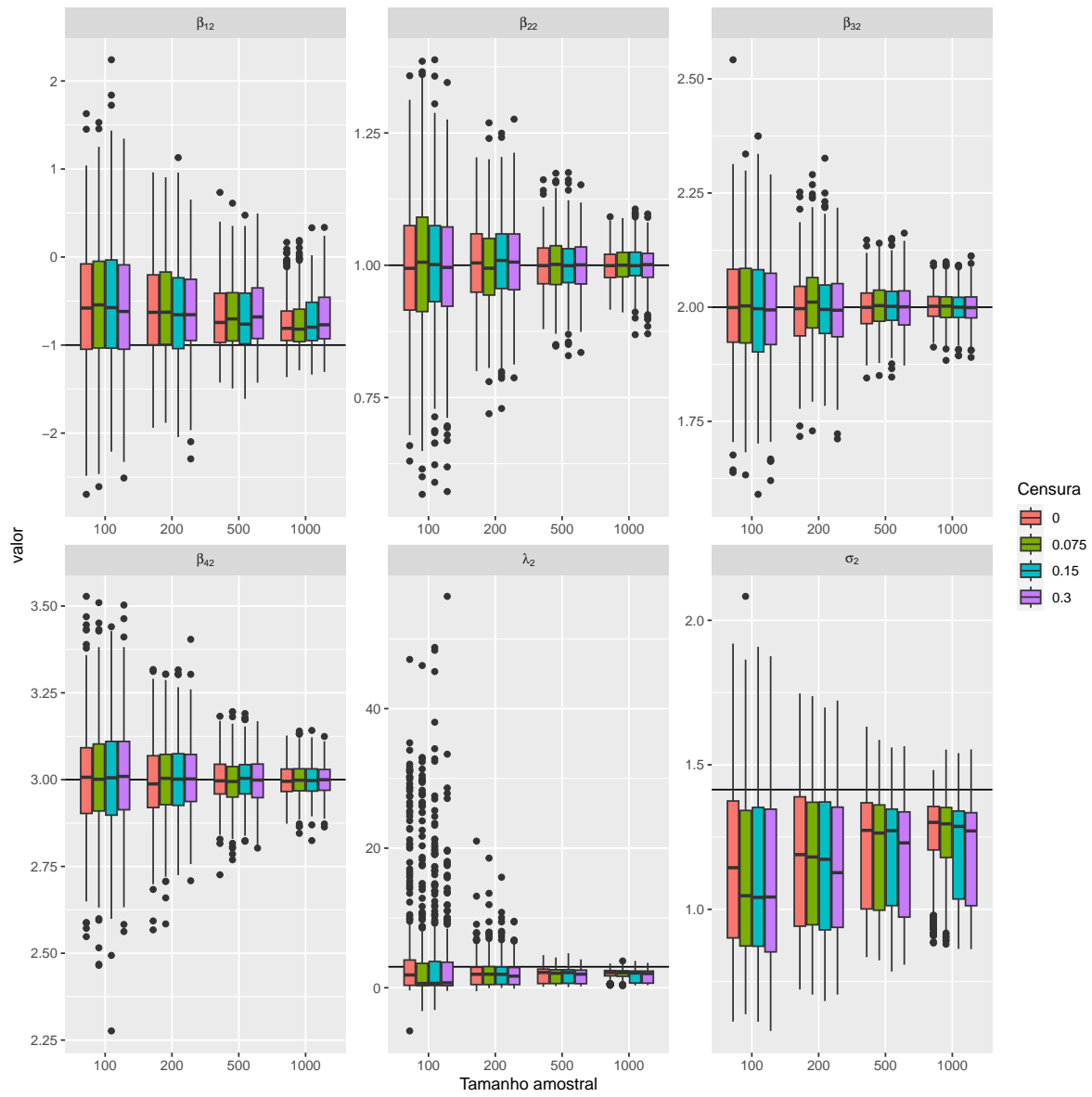
Grupo 1



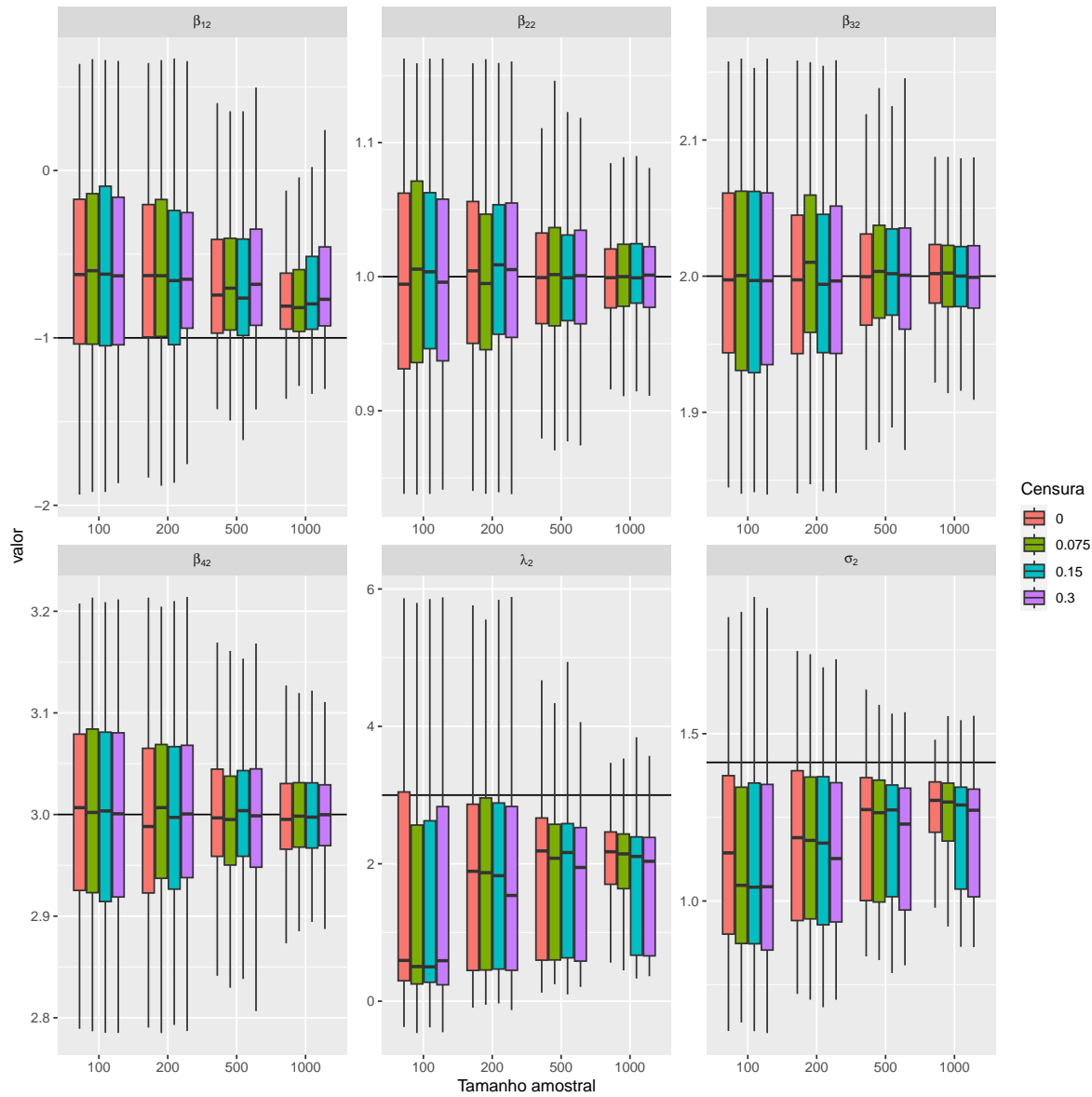
Sem outliers



Grupo 2



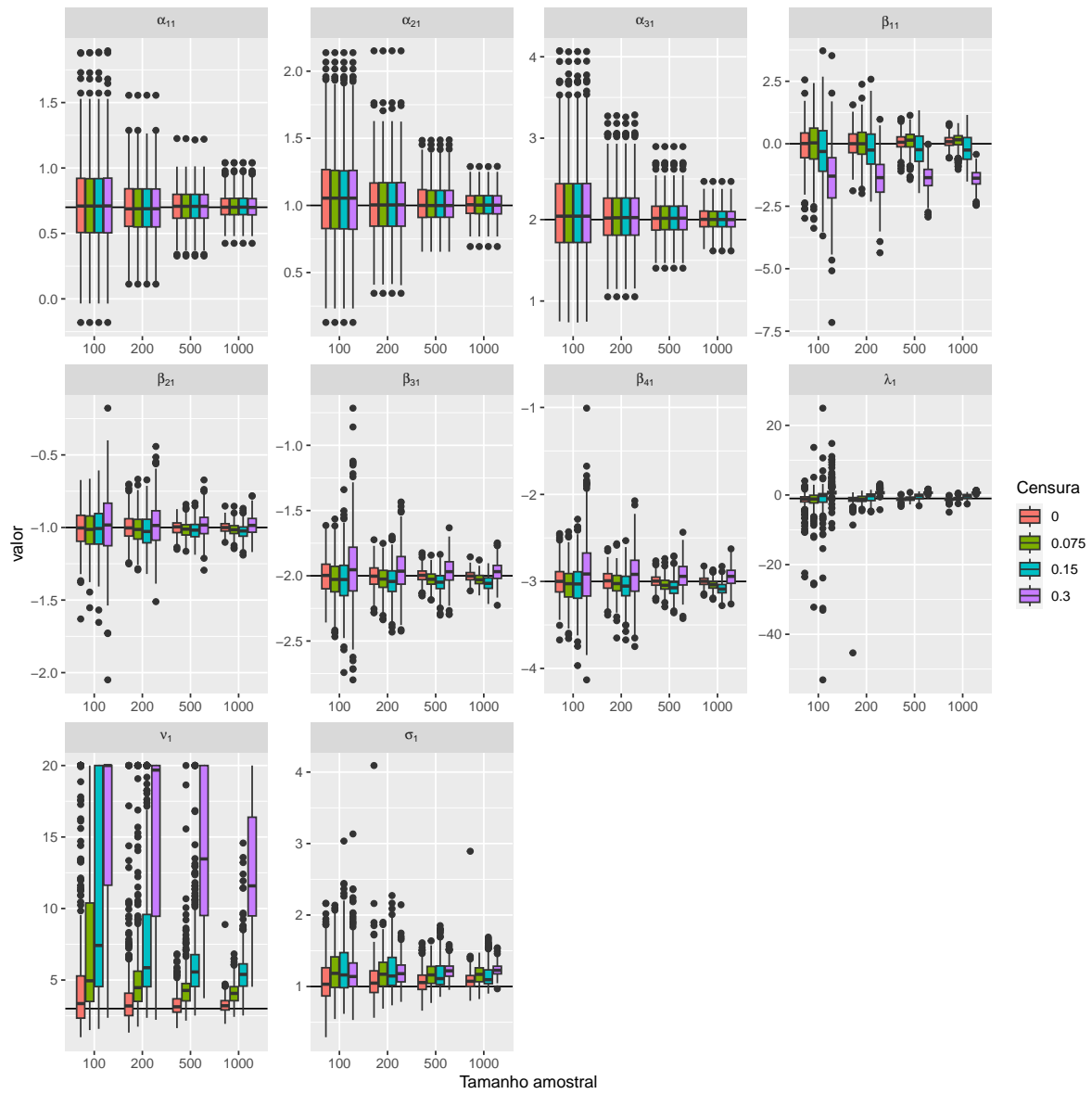
Sem outliers



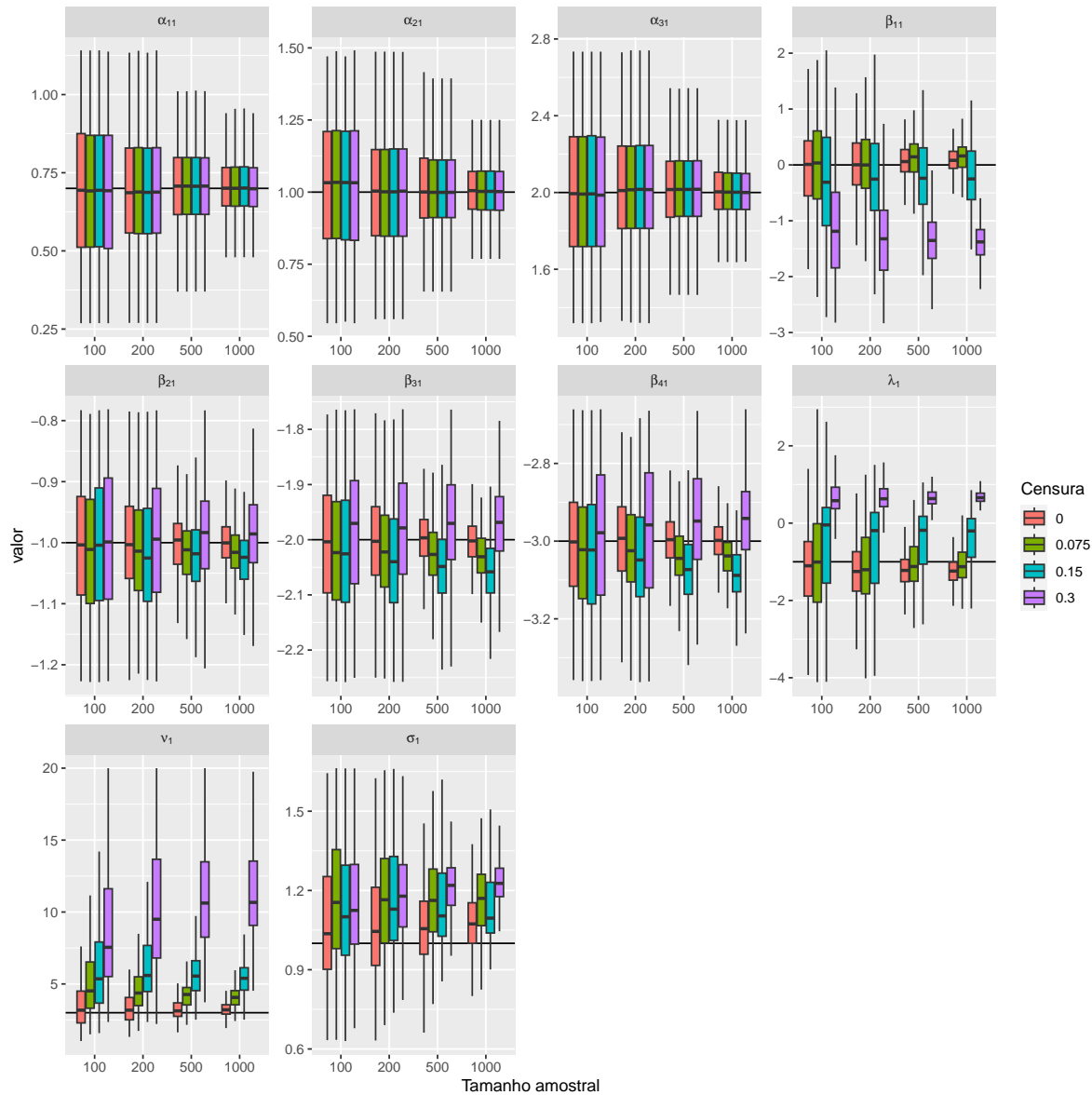
Skew-T

Censura à Esquerda

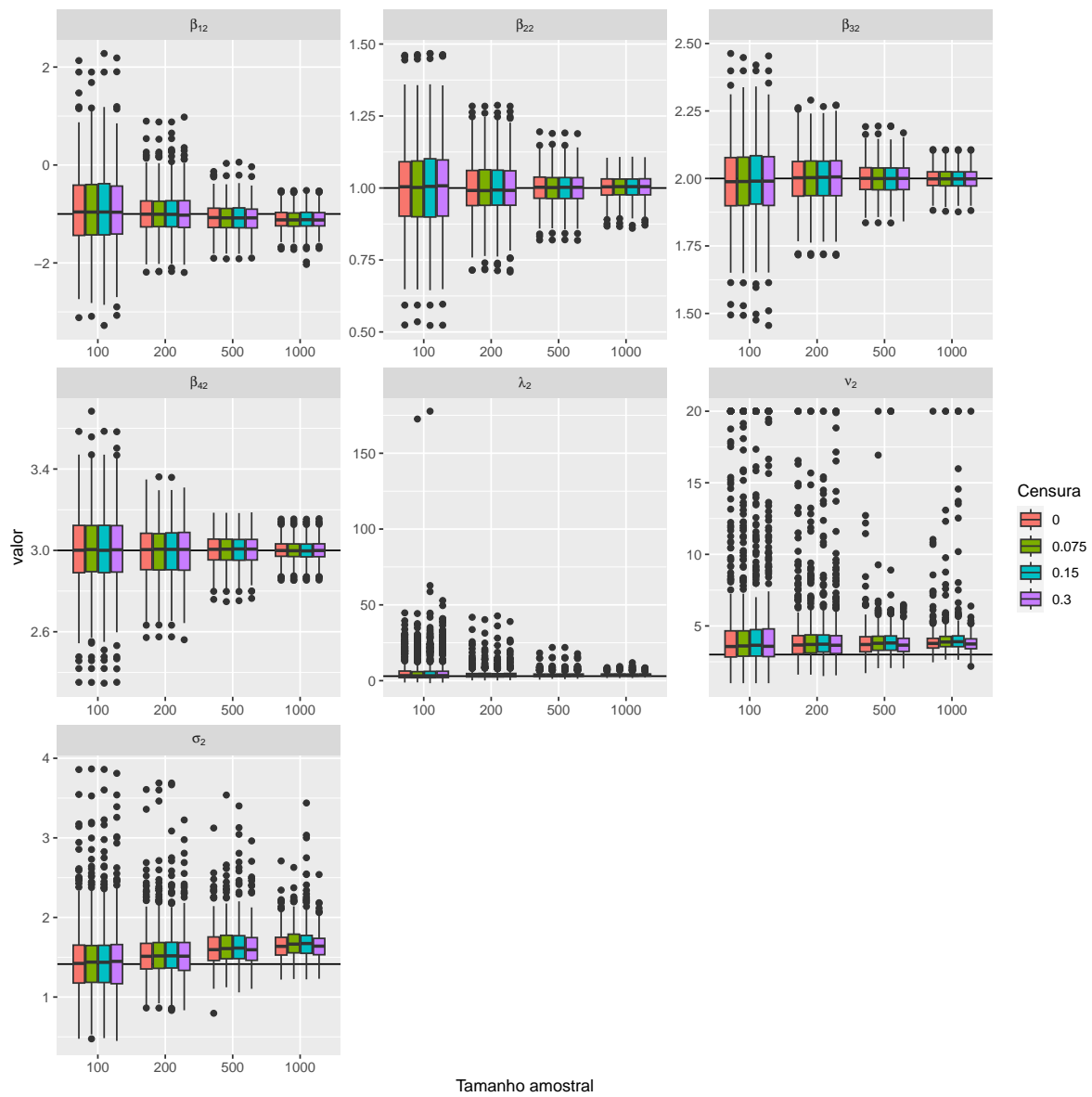
Grupo 1



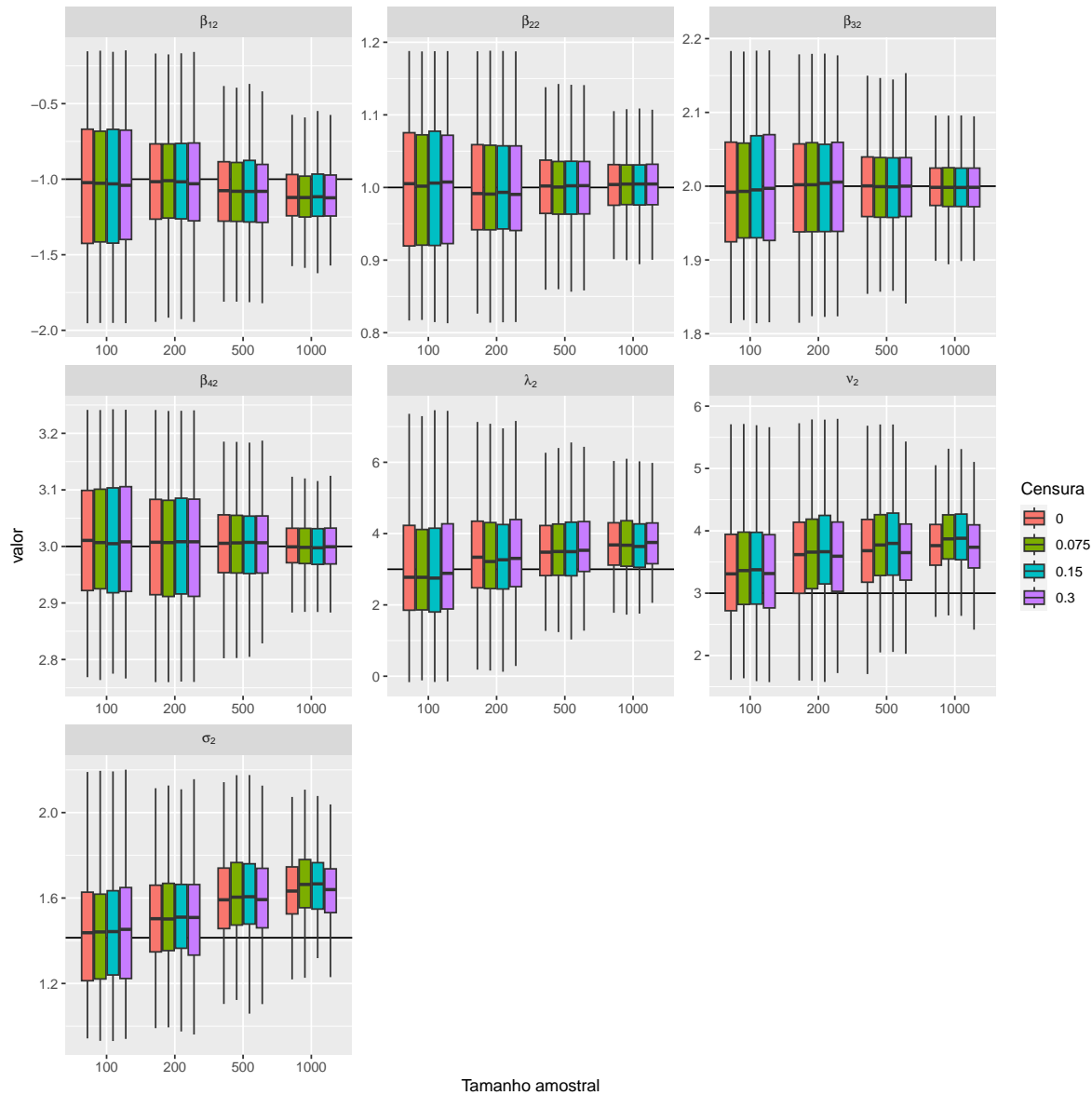
Sem outliers



Grupo 2

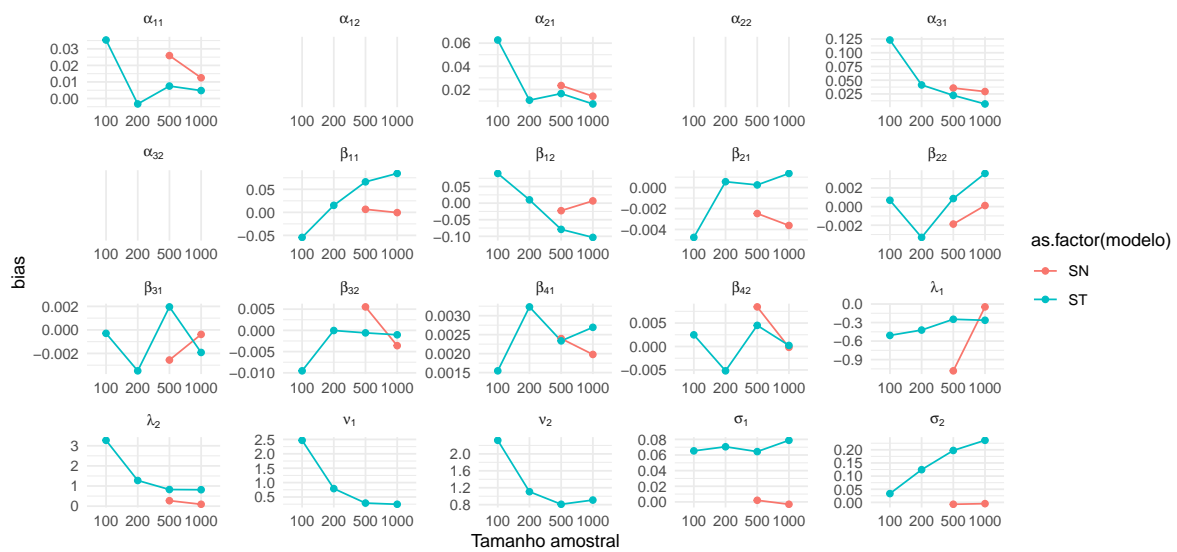


Sem outliers

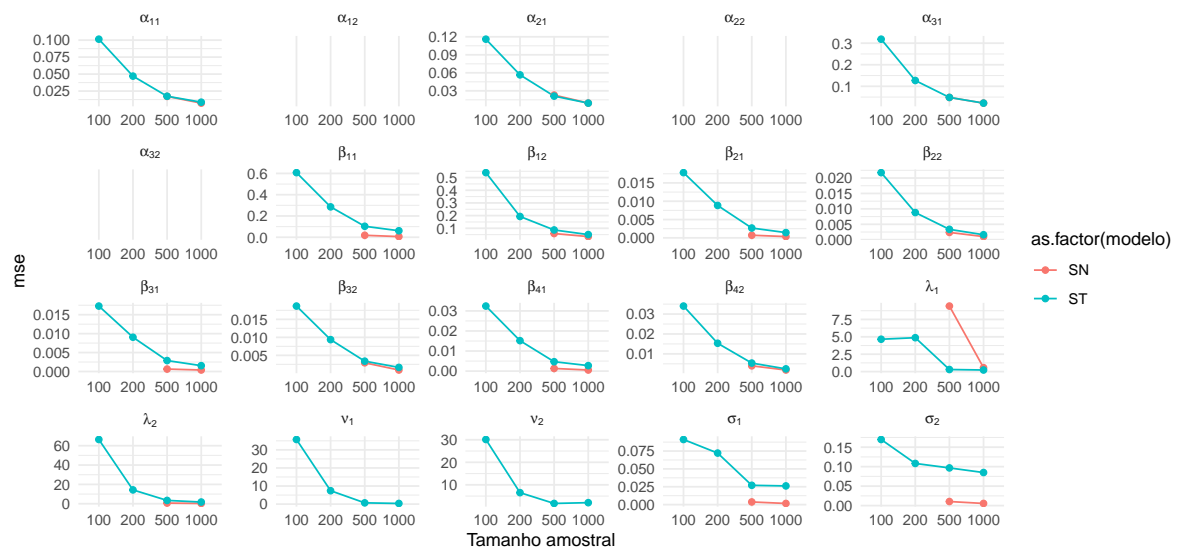


Bias x MSE

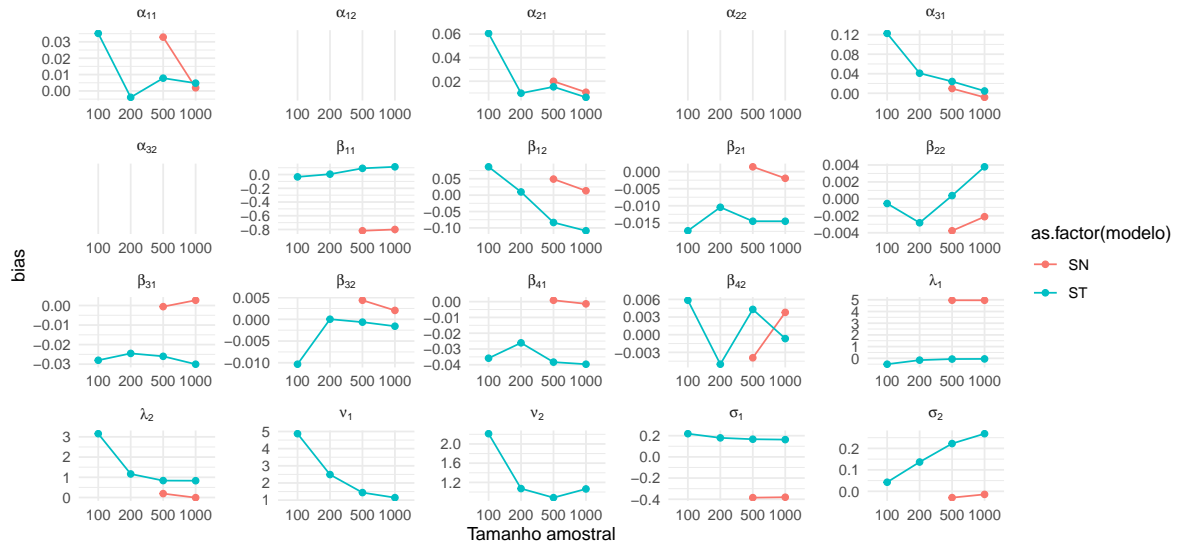
Viés 0% de Censura



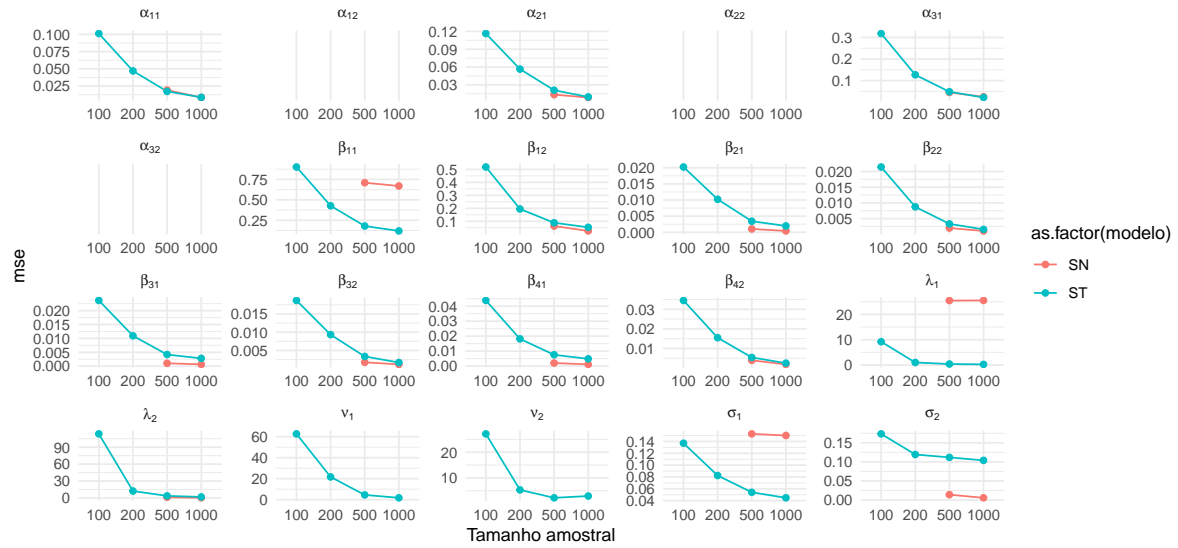
EQM 0% de Censura



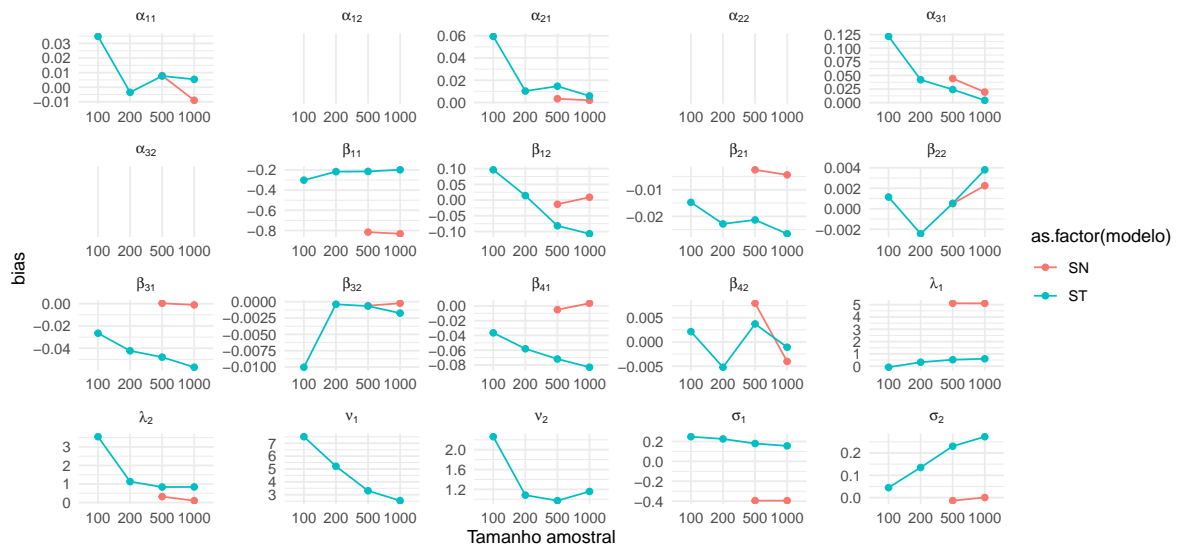
Viés 7.5% de Censura



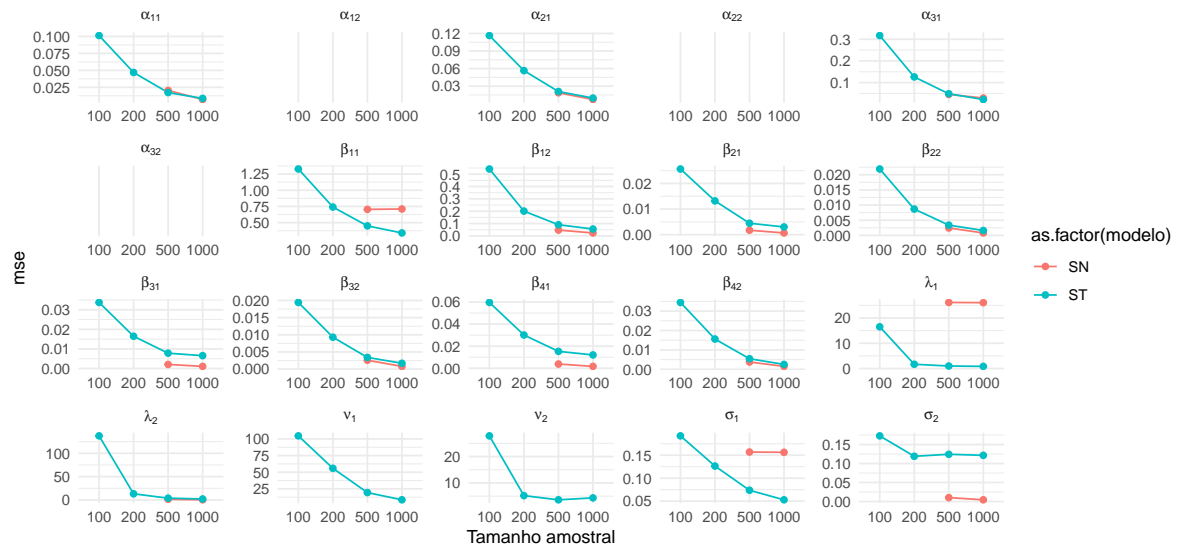
EQM 7.5% de Censura



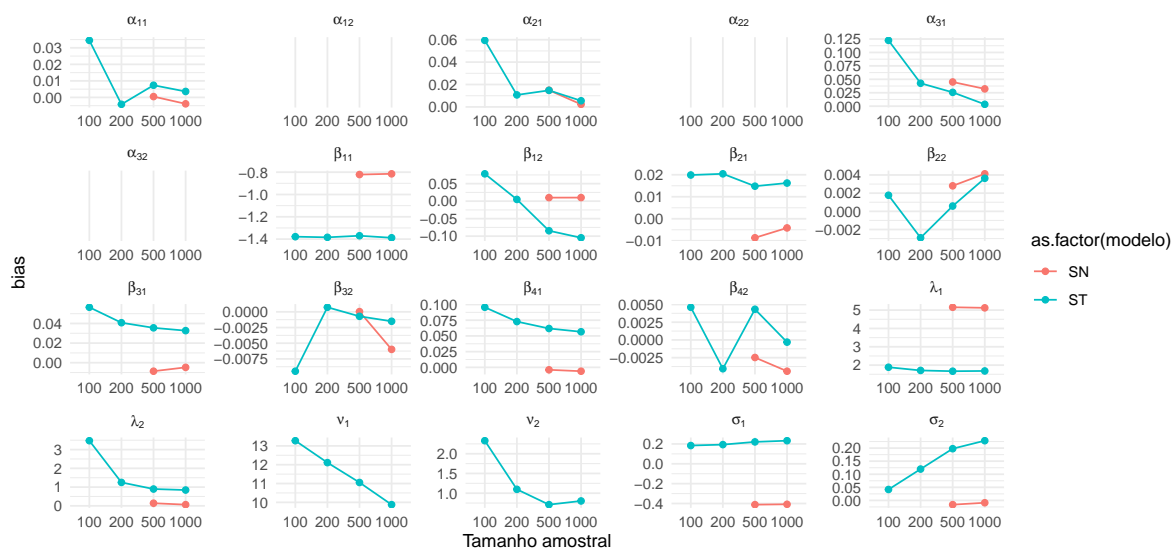
Viés 15% de Censura



EQM 15% de Censura



Viés 30% de Censura



EQM 30% de Censura

