

# BEANZ Analysis Report

*BEANZ*

*2017-03-29*

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## Warnings

Subgroup analysis are only exploratory unless such analyses were pre-specified in a study protocol at the design stage. The users should be cautious with the choices of the priors in Bayesian subgroup analysis. The users are encouraged to conduct sensitivity analysis by trying different parameter values in the prior distributions and examining the robustness of the results.

## Data Summary

```
##          trt              y          censor          lvef
##  Min.    :0.0000  Min.    :  0.01  Min.    :0.0000  Min.    :0.000
## 1st Qu.:0.0000  1st Qu.: 350.01  1st Qu.:0.0000  1st Qu.:0.000
## Median :1.0000  Median : 880.01  Median :1.0000  Median :0.000
## Mean   :0.5006  Mean   : 824.10  Mean   :0.5266  Mean   :0.312
## 3rd Qu.:1.0000  3rd Qu.:1252.01  3rd Qu.:1.0000  3rd Qu.:1.000
## Max.   :1.0000  Max.   :1683.01  Max.   :1.0000  Max.   :1.000
##          sodium  any.vasodilator.use
##  Min.    :0.0000  Min.    :0.0000
## 1st Qu.:0.0000  1st Qu.:0.0000
## Median :0.0000  Median :1.0000
## Mean   :0.2817  Mean   :0.5558
## 3rd Qu.:1.0000  3rd Qu.:1.0000
## Max.   :1.0000  Max.   :1.0000
```

## Subgroup Definition

Subgroup	lvef	sodium	any.vasodilator.use	Estimate	Variance	N
1	0	0	0	-0.3778	0.01213	562
2	0	0	1	-0.3466	0.01004	695
3	0	1	0	-0.7924	0.0394	237
4	0	1	1	-0.3933	0.02969	250
5	1	0	0	0.06776	0.04629	223
6	1	0	1	-0.2366	0.024	341
7	1	1	0	0.1544	0.1037	104
8	1	1	1	0.05947	0.07762	123

Analysis Results

Model: No subgroup effect

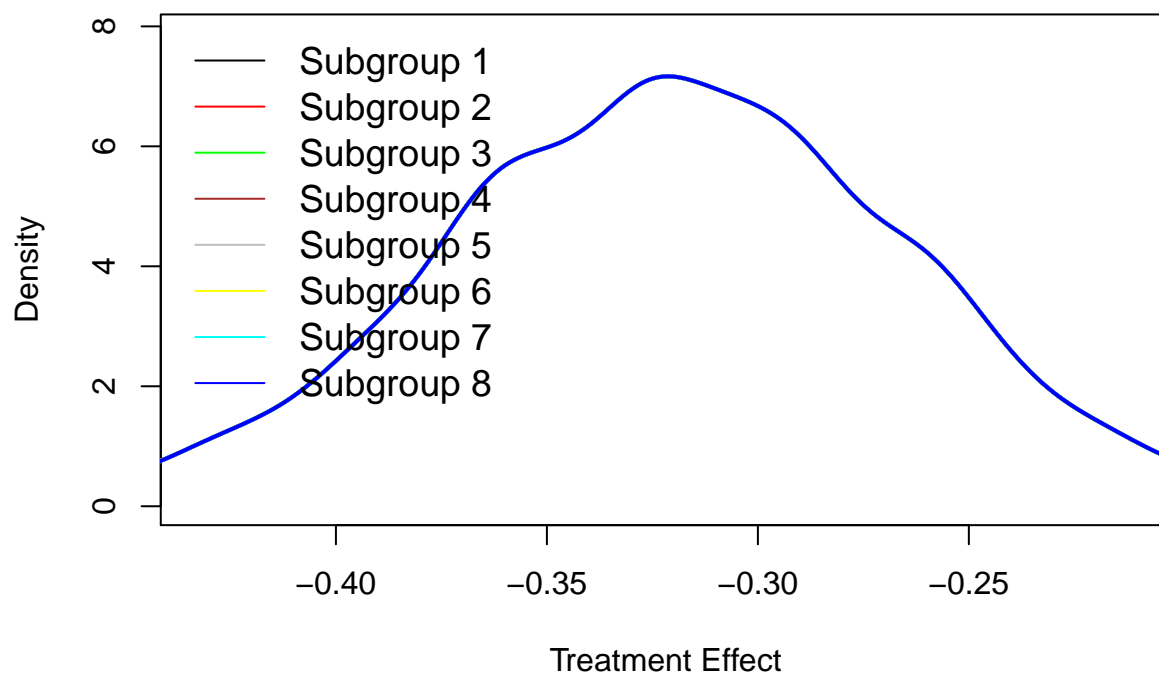
Subgroup Effects

Table 2: Table continues below

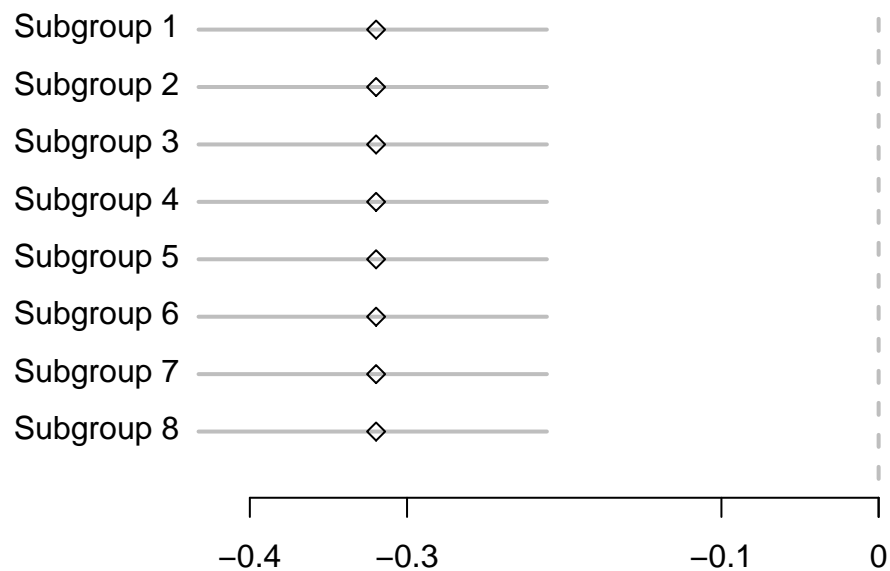
	Subgroup	Mean	SD	2.5%	25%	Median	75%	97.5%
<b>Subgroup 1</b>	Subgroup 1	-0.32	0.056	-0.433	-0.358	-0.32	-0.282	-0.211
<b>Subgroup 2</b>	Subgroup 2	-0.32	0.056	-0.433	-0.358	-0.32	-0.282	-0.211
<b>Subgroup 3</b>	Subgroup 3	-0.32	0.056	-0.433	-0.358	-0.32	-0.282	-0.211
<b>Subgroup 4</b>	Subgroup 4	-0.32	0.056	-0.433	-0.358	-0.32	-0.282	-0.211
<b>Subgroup 5</b>	Subgroup 5	-0.32	0.056	-0.433	-0.358	-0.32	-0.282	-0.211
<b>Subgroup 6</b>	Subgroup 6	-0.32	0.056	-0.433	-0.358	-0.32	-0.282	-0.211
<b>Subgroup 7</b>	Subgroup 7	-0.32	0.056	-0.433	-0.358	-0.32	-0.282	-0.211
<b>Subgroup 8</b>	Subgroup 8	-0.32	0.056	-0.433	-0.358	-0.32	-0.282	-0.211

Prob < 0	
<b>Subgroup 1</b>	1
<b>Subgroup 2</b>	1
<b>Subgroup 3</b>	1
<b>Subgroup 4</b>	1
<b>Subgroup 5</b>	1
<b>Subgroup 6</b>	1
<b>Subgroup 7</b>	1
<b>Subgroup 8</b>	1

## Posterior Distribution of Subgroup Effects



## Subgroup Effects Forest Plot



Subgroup Effects Comparison

Table 4: Table continues below

	Comparison	Mean	SD	2.5%	25%	Median	75%
<b>Subgroup 2-1</b>	Subgroup 2-1	0.002	0.08	-0.159	-0.052	0.002	0.057
<b>Subgroup 3-1</b>	Subgroup 3-1	-0.001	0.079	-0.152	-0.056	-0.001	0.051
<b>Subgroup 4-1</b>	Subgroup 4-1	0.001	0.079	-0.154	-0.052	0.001	0.054
<b>Subgroup 5-1</b>	Subgroup 5-1	0	0.081	-0.153	-0.055	-0.001	0.055
<b>Subgroup 6-1</b>	Subgroup 6-1	0	0.081	-0.16	-0.054	-0.001	0.053
<b>Subgroup 7-1</b>	Subgroup 7-1	0	0.08	-0.158	-0.054	0.002	0.053
<b>Subgroup 8-1</b>	Subgroup 8-1	-0.002	0.079	-0.156	-0.055	-0.003	0.052
<b>Subgroup 3-2</b>	Subgroup 3-2	-0.002	0.08	-0.157	-0.056	-0.002	0.052
<b>Subgroup 4-2</b>	Subgroup 4-2	0.001	0.079	-0.154	-0.051	0.001	0.054
<b>Subgroup 5-2</b>	Subgroup 5-2	-0.001	0.082	-0.16	-0.056	0	0.056
<b>Subgroup 6-2</b>	Subgroup 6-2	-0.003	0.081	-0.164	-0.057	-0.001	0.051
<b>Subgroup 7-2</b>	Subgroup 7-2	0.003	0.082	-0.16	-0.053	0.004	0.057
<b>Subgroup 8-2</b>	Subgroup 8-2	-0.001	0.08	-0.154	-0.055	0	0.053
<b>Subgroup 4-3</b>	Subgroup 4-3	-0.001	0.079	-0.16	-0.053	0	0.052
<b>Subgroup 5-3</b>	Subgroup 5-3	-0.001	0.081	-0.162	-0.054	0	0.053
<b>Subgroup 6-3</b>	Subgroup 6-3	0.001	0.08	-0.155	-0.053	0	0.054
<b>Subgroup 7-3</b>	Subgroup 7-3	0.001	0.08	-0.156	-0.055	0.002	0.056
<b>Subgroup 8-3</b>	Subgroup 8-3	-0.001	0.079	-0.158	-0.053	-0.001	0.05
<b>Subgroup 5-4</b>	Subgroup 5-4	0.001	0.08	-0.161	-0.051	0.002	0.055
<b>Subgroup 6-4</b>	Subgroup 6-4	0.003	0.08	-0.154	-0.05	0.003	0.057
<b>Subgroup 7-4</b>	Subgroup 7-4	-0.001	0.08	-0.157	-0.054	0.001	0.054
<b>Subgroup 8-4</b>	Subgroup 8-4	-0.001	0.08	-0.156	-0.056	-0.002	0.052
<b>Subgroup 6-5</b>	Subgroup 6-5	0.001	0.081	-0.154	-0.054	0.001	0.057
<b>Subgroup 7-5</b>	Subgroup 7-5	0	0.08	-0.155	-0.054	0	0.055
<b>Subgroup 8-5</b>	Subgroup 8-5	-0.001	0.08	-0.157	-0.054	0	0.052
<b>Subgroup 7-6</b>	Subgroup 7-6	-0.001	0.077	-0.152	-0.053	-0.002	0.052

	Comparison	Mean	SD	2.5%	25%	Median	75%
<b>Subgroup 8-6</b>	Subgroup 8-6	0.002	0.08	-0.155	-0.05	0.001	0.054
<b>Subgroup 8-7</b>	Subgroup 8-7	0.001	0.08	-0.16	-0.053	0.001	0.054

	97.5%	Prob <0
<b>Subgroup 2-1</b>	0.156	0.494
<b>Subgroup 3-1</b>	0.158	0.505
<b>Subgroup 4-1</b>	0.154	0.494
<b>Subgroup 5-1</b>	0.161	0.504
<b>Subgroup 6-1</b>	0.159	0.505
<b>Subgroup 7-1</b>	0.161	0.489
<b>Subgroup 8-1</b>	0.153	0.517
<b>Subgroup 3-2</b>	0.155	0.506
<b>Subgroup 4-2</b>	0.158	0.498
<b>Subgroup 5-2</b>	0.158	0.501
<b>Subgroup 6-2</b>	0.156	0.509
<b>Subgroup 7-2</b>	0.163	0.48
<b>Subgroup 8-2</b>	0.151	0.503
<b>Subgroup 4-3</b>	0.149	0.498
<b>Subgroup 5-3</b>	0.159	0.501
<b>Subgroup 6-3</b>	0.162	0.502
<b>Subgroup 7-3</b>	0.154	0.486
<b>Subgroup 8-3</b>	0.157	0.505
<b>Subgroup 5-4</b>	0.158	0.49
<b>Subgroup 6-4</b>	0.157	0.486
<b>Subgroup 7-4</b>	0.159	0.496
<b>Subgroup 8-4</b>	0.153	0.509
<b>Subgroup 6-5</b>	0.158	0.495
<b>Subgroup 7-5</b>	0.161	0.501
<b>Subgroup 8-5</b>	0.157	0.502
<b>Subgroup 7-6</b>	0.148	0.507
<b>Subgroup 8-6</b>	0.16	0.496
<b>Subgroup 8-7</b>	0.158	0.493

## Model: Full stratification

### Subgroup Effects

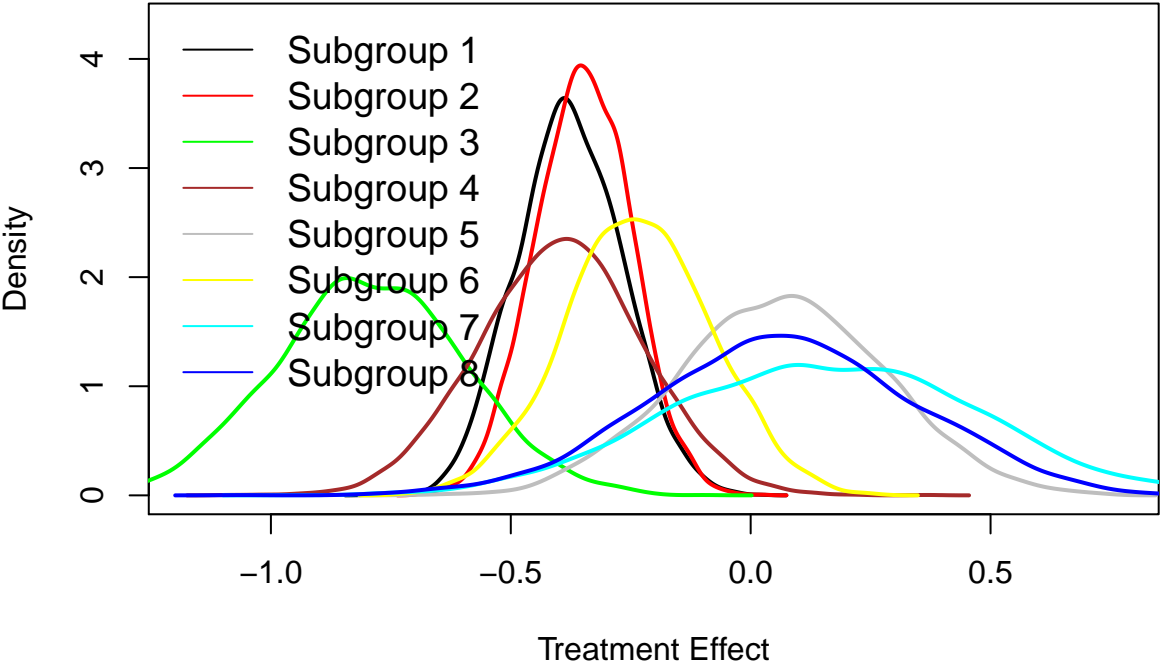
Table 6: Table continues below

	Subgroup	Mean	SD	2.5%	25%	Median	75%	97.5%
<b>Subgroup 1</b>	Subgroup 1	-0.377	0.11	-0.585	-0.451	-0.379	-0.301	-0.158
<b>Subgroup 2</b>	Subgroup 2	-0.349	0.099	-0.541	-0.416	-0.348	-0.279	-0.154
<b>Subgroup 3</b>	Subgroup 3	-0.795	0.197	-1.177	-0.927	-0.796	-0.661	-0.409
<b>Subgroup 4</b>	Subgroup 4	-0.395	0.17	-0.725	-0.511	-0.394	-0.282	-0.063
<b>Subgroup 5</b>	Subgroup 5	0.066	0.215	-0.357	-0.08	0.067	0.211	0.482
<b>Subgroup 6</b>	Subgroup 6	-0.235	0.153	-0.537	-0.337	-0.237	-0.131	0.064
<b>Subgroup 7</b>	Subgroup 7	0.152	0.317	-0.473	-0.072	0.149	0.369	0.772

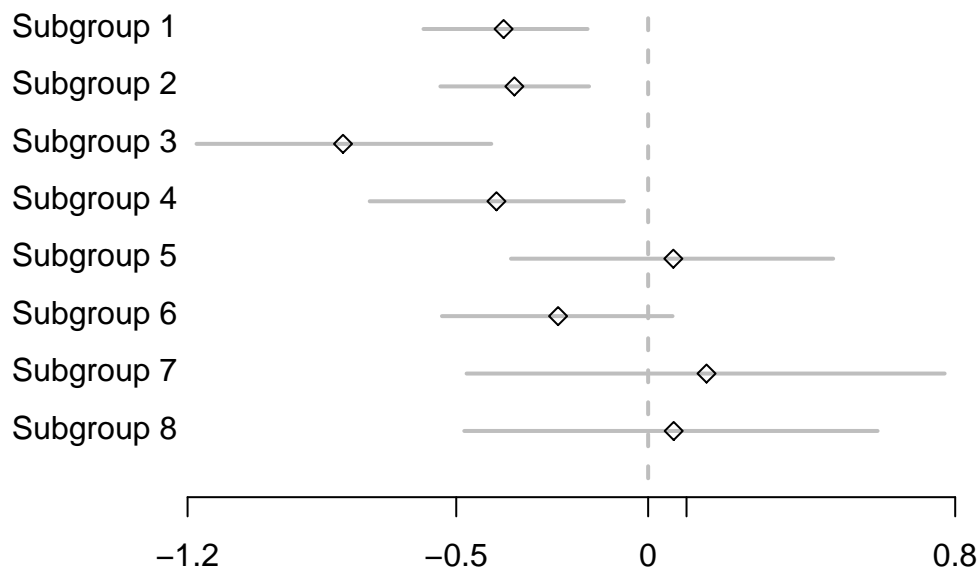
	Subgroup	Mean	SD	2.5%	25%	Median	75%	97.5%
<b>Subgroup 8</b>	Subgroup 8	0.067	0.276	-0.479	-0.119	0.067	0.249	0.598

	Prob < 0
Subgroup 1	1
Subgroup 2	1
Subgroup 3	1
Subgroup 4	0.99
Subgroup 5	0.384
Subgroup 6	0.933
Subgroup 7	0.322
Subgroup 8	0.402

**Posterior Distribution of Subgroup Effects**



## Subgroup Effects Forest Plot



## Subgroup Effects Comparison

Table 8: Table continues below

	Comparison	Mean	SD	2.5%	25%	Median	75%
Subgroup 2-1	Subgroup 2-1	0.027	0.149	-0.263	-0.074	0.028	0.131
Subgroup 3-1	Subgroup 3-1	-0.418	0.227	-0.866	-0.574	-0.413	-0.264
Subgroup 4-1	Subgroup 4-1	-0.022	0.204	-0.422	-0.157	-0.021	0.116
Subgroup 5-1	Subgroup 5-1	0.448	0.237	-0.019	0.283	0.449	0.61
Subgroup 6-1	Subgroup 6-1	0.138	0.191	-0.242	0.01	0.142	0.269
Subgroup 7-1	Subgroup 7-1	0.533	0.329	-0.108	0.303	0.533	0.752
Subgroup 8-1	Subgroup 8-1	0.451	0.303	-0.146	0.247	0.448	0.656
Subgroup 3-2	Subgroup 3-2	-0.447	0.22	-0.879	-0.596	-0.444	-0.298
Subgroup 4-2	Subgroup 4-2	-0.052	0.195	-0.427	-0.185	-0.051	0.084
Subgroup 5-2	Subgroup 5-2	0.42	0.239	-0.046	0.255	0.425	0.58
Subgroup 6-2	Subgroup 6-2	0.115	0.184	-0.248	-0.01	0.12	0.246
Subgroup 7-2	Subgroup 7-2	0.504	0.337	-0.147	0.27	0.508	0.736
Subgroup 8-2	Subgroup 8-2	0.415	0.288	-0.157	0.219	0.417	0.607
Subgroup 4-3	Subgroup 4-3	0.402	0.265	-0.118	0.225	0.404	0.581
Subgroup 5-3	Subgroup 5-3	0.858	0.292	0.282	0.662	0.859	1.061
Subgroup 6-3	Subgroup 6-3	0.555	0.246	0.073	0.386	0.555	0.723
Subgroup 7-3	Subgroup 7-3	0.947	0.376	0.235	0.685	0.935	1.207
Subgroup 8-3	Subgroup 8-3	0.867	0.338	0.2	0.646	0.859	1.096
Subgroup 5-4	Subgroup 5-4	0.45	0.273	-0.084	0.261	0.451	0.637
Subgroup 6-4	Subgroup 6-4	0.155	0.227	-0.287	0.006	0.149	0.301
Subgroup 7-4	Subgroup 7-4	0.55	0.36	-0.153	0.303	0.544	0.804
Subgroup 8-4	Subgroup 8-4	0.455	0.32	-0.176	0.244	0.455	0.667
Subgroup 6-5	Subgroup 6-5	-0.294	0.259	-0.799	-0.466	-0.298	-0.118



	Comparison	Mean	SD	2.5%	25%	Median	75%
<b>Subgroup 7-5</b>	Subgroup 7-5	0.084	0.389	-0.683	-0.188	0.087	0.348
<b>Subgroup 8-5</b>	Subgroup 8-5	-0.004	0.352	-0.701	-0.246	-0.008	0.238
<b>Subgroup 7-6</b>	Subgroup 7-6	0.387	0.352	-0.305	0.152	0.391	0.62
<b>Subgroup 8-6</b>	Subgroup 8-6	0.298	0.316	-0.32	0.087	0.302	0.516
<b>Subgroup 8-7</b>	Subgroup 8-7	-0.093	0.421	-0.9	-0.377	-0.102	0.196

	97.5%	Prob <0
<b>Subgroup 2-1</b>	0.324	0.434
<b>Subgroup 3-1</b>	0.026	0.968
<b>Subgroup 4-1</b>	0.378	0.542
<b>Subgroup 5-1</b>	0.921	0.03
<b>Subgroup 6-1</b>	0.5	0.235
<b>Subgroup 7-1</b>	1.18	0.049
<b>Subgroup 8-1</b>	1.04	0.066
<b>Subgroup 3-2</b>	-0.02	0.979
<b>Subgroup 4-2</b>	0.325	0.611
<b>Subgroup 5-2</b>	0.898	0.038
<b>Subgroup 6-2</b>	0.462	0.269
<b>Subgroup 7-2</b>	1.171	0.068
<b>Subgroup 8-2</b>	0.967	0.074
<b>Subgroup 4-3</b>	0.918	0.065
<b>Subgroup 5-3</b>	1.421	0.001
<b>Subgroup 6-3</b>	1.036	0.012
<b>Subgroup 7-3</b>	1.681	0.004
<b>Subgroup 8-3</b>	1.527	0.007
<b>Subgroup 5-4</b>	0.973	0.05
<b>Subgroup 6-4</b>	0.617	0.244
<b>Subgroup 7-4</b>	1.256	0.063
<b>Subgroup 8-4</b>	1.075	0.075
<b>Subgroup 6-5</b>	0.216	0.868
<b>Subgroup 7-5</b>	0.847	0.41
<b>Subgroup 8-5</b>	0.68	0.51
<b>Subgroup 7-6</b>	1.083	0.139
<b>Subgroup 8-6</b>	0.89	0.176
<b>Subgroup 8-7</b>	0.733	0.59

Model: Simple regression

Subgroup Effects

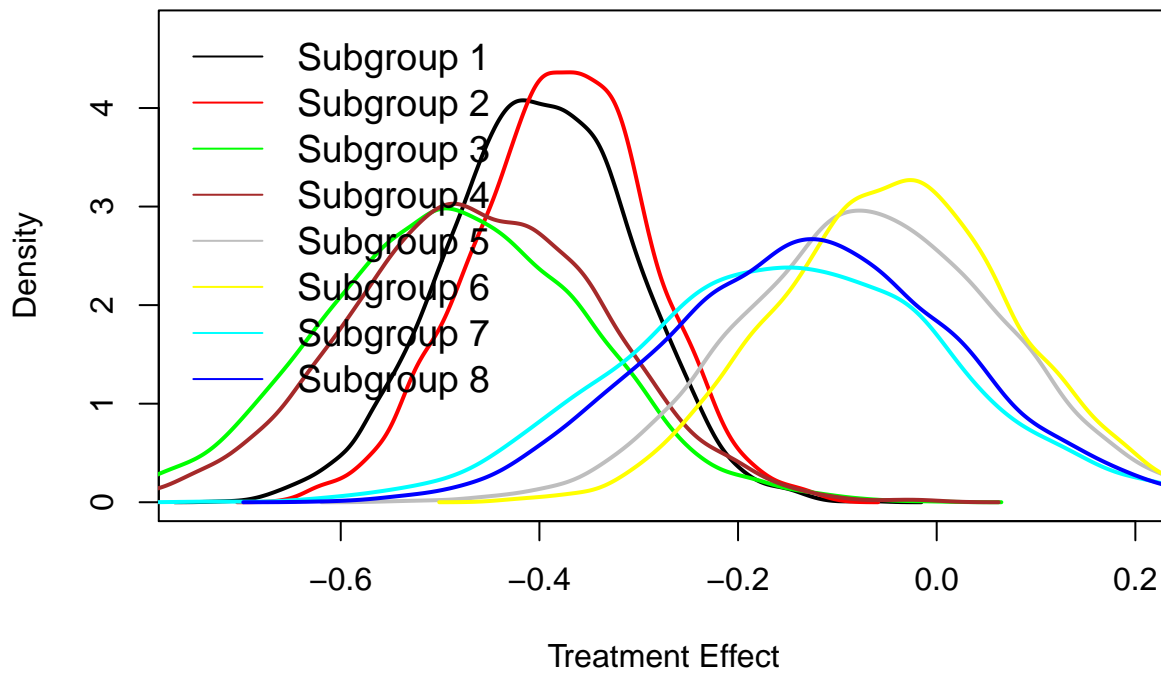
Table 10: Table continues below

	Subgroup	Mean	SD	2.5%	25%	Median	75%	97.5%
<b>Subgroup 1</b>	Subgroup 1	-0.401	0.093	-0.587	-0.464	-0.401	-0.338	-0.225
<b>Subgroup 2</b>	Subgroup 2	-0.379	0.089	-0.557	-0.437	-0.376	-0.318	-0.209
<b>Subgroup 3</b>	Subgroup 3	-0.486	0.132	-0.746	-0.576	-0.488	-0.394	-0.228
<b>Subgroup 4</b>	Subgroup 4	-0.463	0.128	-0.714	-0.549	-0.465	-0.374	-0.211
<b>Subgroup 5</b>	Subgroup 5	-0.066	0.134	-0.327	-0.157	-0.067	0.025	0.191
<b>Subgroup 6</b>	Subgroup 6	-0.044	0.122	-0.281	-0.125	-0.042	0.038	0.196

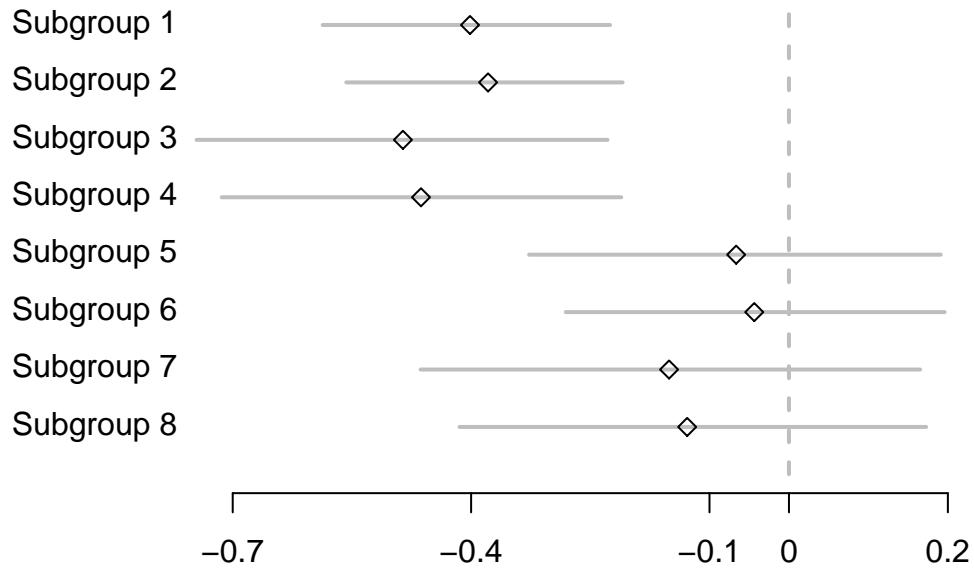
	Subgroup	Mean	SD	2.5%	25%	Median	75%	97.5%
<b>Subgroup 7</b>	Subgroup 7	-0.151	0.161	-0.464	-0.26	-0.149	-0.04	0.165
<b>Subgroup 8</b>	Subgroup 8	-0.128	0.151	-0.415	-0.23	-0.129	-0.028	0.173

	Prob < 0
<b>Subgroup 1</b>	1
<b>Subgroup 2</b>	1
<b>Subgroup 3</b>	1
<b>Subgroup 4</b>	1
<b>Subgroup 5</b>	0.688
<b>Subgroup 6</b>	0.64
<b>Subgroup 7</b>	0.832
<b>Subgroup 8</b>	0.8

### Posterior Distribution of Subgroup Effects



## Subgroup Effects Forest Plot



## Subgroup Effects Comparison

Table 12: Table continues below

	Comparison	Mean	SD	2.5%	25%	Median	75%
<b>Subgroup 2-1</b>	Subgroup 2-1	0.022	0.127	-0.221	-0.06	0.02	0.106
<b>Subgroup 3-1</b>	Subgroup 3-1	-0.083	0.161	-0.4	-0.191	-0.082	0.024
<b>Subgroup 4-1</b>	Subgroup 4-1	-0.063	0.156	-0.365	-0.169	-0.063	0.042
<b>Subgroup 5-1</b>	Subgroup 5-1	0.335	0.164	0.017	0.223	0.338	0.446
<b>Subgroup 6-1</b>	Subgroup 6-1	0.359	0.154	0.054	0.254	0.358	0.464
<b>Subgroup 7-1</b>	Subgroup 7-1	0.25	0.184	-0.098	0.125	0.247	0.377
<b>Subgroup 8-1</b>	Subgroup 8-1	0.276	0.18	-0.07	0.155	0.275	0.398
<b>Subgroup 3-2</b>	Subgroup 3-2	-0.108	0.161	-0.419	-0.221	-0.107	0.001
<b>Subgroup 4-2</b>	Subgroup 4-2	-0.085	0.154	-0.387	-0.19	-0.084	0.02
<b>Subgroup 5-2</b>	Subgroup 5-2	0.312	0.158	0.013	0.203	0.313	0.416
<b>Subgroup 6-2</b>	Subgroup 6-2	0.335	0.149	0.034	0.236	0.335	0.433
<b>Subgroup 7-2</b>	Subgroup 7-2	0.224	0.183	-0.126	0.094	0.225	0.349
<b>Subgroup 8-2</b>	Subgroup 8-2	0.249	0.172	-0.075	0.13	0.245	0.365

	Comparison	Mean	SD	2.5%	25%	Median	75%
<b>Subgroup 4-3</b>	Subgroup 4-3	0.028	0.184	-0.334	-0.099	0.026	0.155
<b>Subgroup 5-3</b>	Subgroup 5-3	0.421	0.191	0.045	0.296	0.422	0.554
<b>Subgroup 6-3</b>	Subgroup 6-3	0.441	0.18	0.096	0.322	0.443	0.566
<b>Subgroup 7-3</b>	Subgroup 7-3	0.332	0.208	-0.067	0.186	0.328	0.48
<b>Subgroup 8-3</b>	Subgroup 8-3	0.353	0.201	-0.038	0.214	0.354	0.491
<b>Subgroup 5-4</b>	Subgroup 5-4	0.397	0.183	0.052	0.27	0.397	0.522
<b>Subgroup 6-4</b>	Subgroup 6-4	0.422	0.178	0.078	0.3	0.421	0.54
<b>Subgroup 7-4</b>	Subgroup 7-4	0.318	0.207	-0.098	0.183	0.32	0.46
<b>Subgroup 8-4</b>	Subgroup 8-4	0.33	0.198	-0.054	0.198	0.328	0.46
<b>Subgroup 6-5</b>	Subgroup 6-5	0.023	0.182	-0.33	-0.102	0.02	0.148
<b>Subgroup 7-5</b>	Subgroup 7-5	-0.086	0.205	-0.487	-0.225	-0.085	0.054
<b>Subgroup 8-5</b>	Subgroup 8-5	-0.063	0.202	-0.463	-0.197	-0.064	0.072
<b>Subgroup 7-6</b>	Subgroup 7-6	-0.109	0.203	-0.503	-0.245	-0.111	0.028
<b>Subgroup 8-6</b>	Subgroup 8-6	-0.086	0.195	-0.456	-0.22	-0.085	0.044
<b>Subgroup 8-7</b>	Subgroup 8-7	0.025	0.221	-0.405	-0.124	0.026	0.176

	97.5%	Prob <0
<b>Subgroup 2-1</b>	0.28	0.435
<b>Subgroup 3-1</b>	0.232	0.694
<b>Subgroup 4-1</b>	0.245	0.654
<b>Subgroup 5-1</b>	0.652	0.02
<b>Subgroup 6-1</b>	0.656	0.01
<b>Subgroup 7-1</b>	0.608	0.085
<b>Subgroup 8-1</b>	0.63	0.058
<b>Subgroup 3-2</b>	0.215	0.748
<b>Subgroup 4-2</b>	0.215	0.698
<b>Subgroup 5-2</b>	0.62	0.021
<b>Subgroup 6-2</b>	0.626	0.015
<b>Subgroup 7-2</b>	0.588	0.113
<b>Subgroup 8-2</b>	0.587	0.07
<b>Subgroup 4-3</b>	0.386	0.444
<b>Subgroup 5-3</b>	0.78	0.014
<b>Subgroup 6-3</b>	0.785	0.007
<b>Subgroup 7-3</b>	0.727	0.055
<b>Subgroup 8-3</b>	0.741	0.041
<b>Subgroup 5-4</b>	0.763	0.014
<b>Subgroup 6-4</b>	0.775	0.01
<b>Subgroup 7-4</b>	0.721	0.066
<b>Subgroup 8-4</b>	0.727	0.048
<b>Subgroup 6-5</b>	0.37	0.453

	97.5%	Prob <0
<b>Subgroup 7-5</b>	0.325	0.661
<b>Subgroup 8-5</b>	0.33	0.632
<b>Subgroup 7-6</b>	0.296	0.707
<b>Subgroup 8-6</b>	0.305	0.67
<b>Subgroup 8-7</b>	0.454	0.453

**Model: Basic shrinkage**

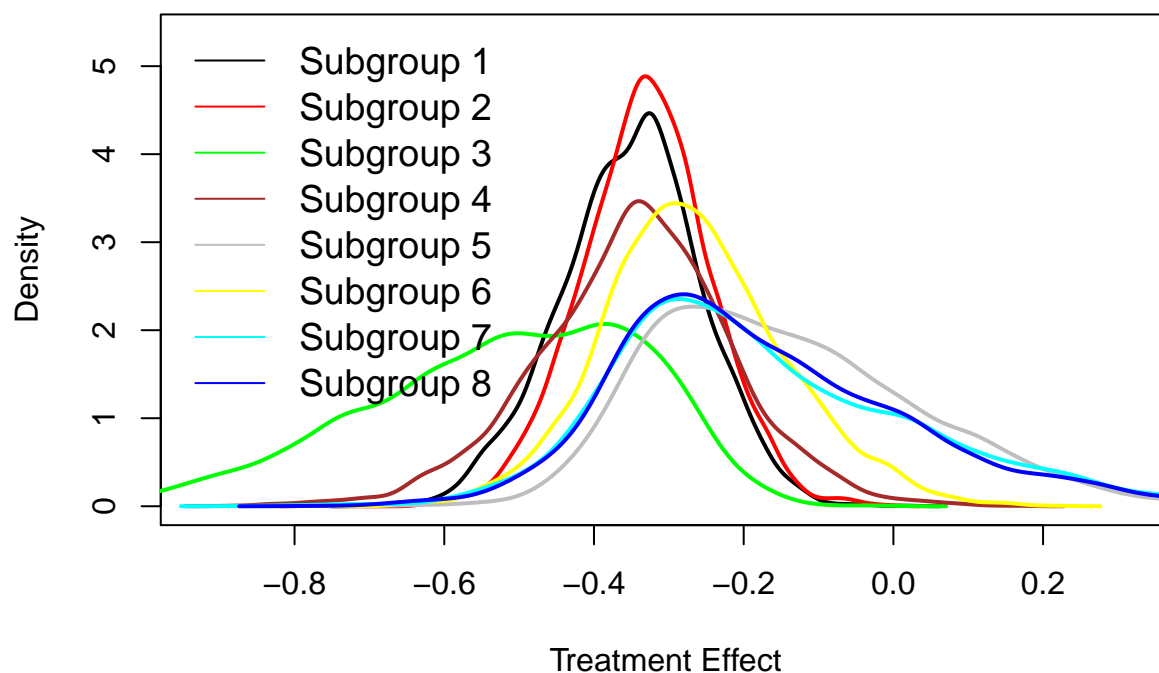
**Subgroup Effects**

Table 14: Table continues below

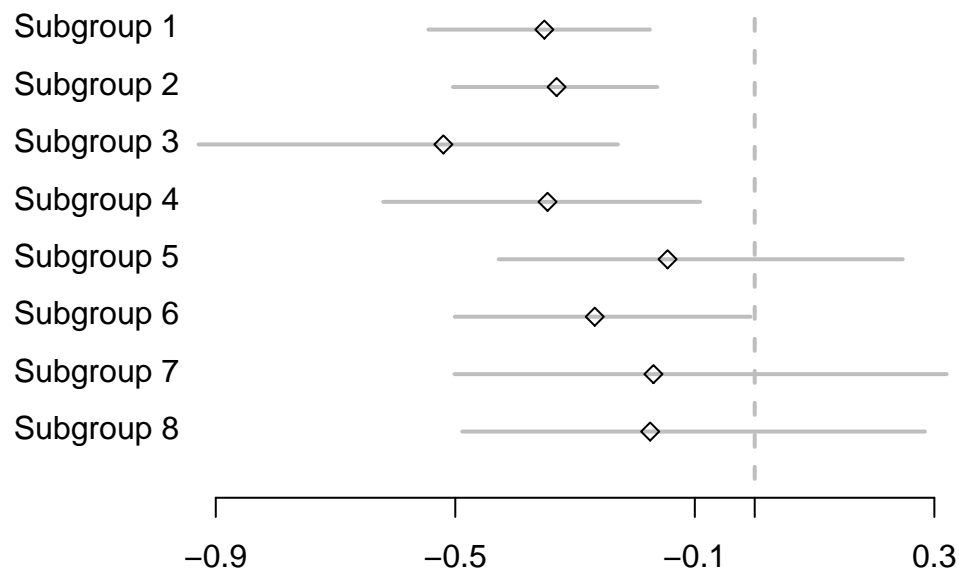
	Subgroup	Mean	SD	2.5%	25%	Median	75%	97.5%
<b>Subgroup 1</b>	Subgroup 1	-0.351	0.093	-0.545	-0.412	-0.346	-0.288	-0.175
<b>Subgroup 2</b>	Subgroup 2	-0.331	0.087	-0.504	-0.387	-0.33	-0.275	-0.163
<b>Subgroup 3</b>	Subgroup 3	-0.52	0.187	-0.929	-0.642	-0.5	-0.375	-0.228
<b>Subgroup 4</b>	Subgroup 4	-0.346	0.132	-0.62	-0.426	-0.341	-0.263	-0.091
<b>Subgroup 5</b>	Subgroup 5	-0.145	0.18	-0.427	-0.283	-0.169	-0.032	0.247
<b>Subgroup 6</b>	Subgroup 6	-0.267	0.123	-0.501	-0.349	-0.274	-0.191	-0.007
<b>Subgroup 7</b>	Subgroup 7	-0.169	0.211	-0.501	-0.316	-0.21	-0.046	0.321
<b>Subgroup 8</b>	Subgroup 8	-0.175	0.198	-0.488	-0.315	-0.21	-0.058	0.284

	Prob < 0
<b>Subgroup 1</b>	1
<b>Subgroup 2</b>	1
<b>Subgroup 3</b>	1
<b>Subgroup 4</b>	0.994
<b>Subgroup 5</b>	0.791
<b>Subgroup 6</b>	0.978
<b>Subgroup 7</b>	0.798
<b>Subgroup 8</b>	0.818

## Posterior Distribution of Subgroup Effects



## Subgroup Effects Forest Plot



## Subgroup Effects Comparison

Table 16: Table continues below

	Comparison	Mean	SD	2.5%	25%	Median	75%
<b>Subgroup 2-1</b>	Subgroup 2-1	0.022	0.13	-0.237	-0.063	0.021	0.113

	Comparison	Mean	SD	2.5%	25%	Median	75%
<b>Subgroup 3-1</b>	Subgroup 3-1	-0.168	0.214	-0.621	-0.306	-0.15	-0.008
<b>Subgroup 4-1</b>	Subgroup 4-1	0.006	0.159	-0.318	-0.096	0.007	0.11
<b>Subgroup 5-1</b>	Subgroup 5-1	0.207	0.206	-0.136	0.056	0.187	0.338
<b>Subgroup 6-1</b>	Subgroup 6-1	0.085	0.152	-0.199	-0.018	0.081	0.186
<b>Subgroup 7-1</b>	Subgroup 7-1	0.183	0.23	-0.198	0.022	0.15	0.319
<b>Subgroup 8-1</b>	Subgroup 8-1	0.177	0.22	-0.193	0.026	0.15	0.309
<b>Subgroup 3-2</b>	Subgroup 3-2	-0.193	0.207	-0.638	-0.328	-0.175	-0.041
<b>Subgroup 4-2</b>	Subgroup 4-2	-0.015	0.155	-0.335	-0.113	-0.011	0.088
<b>Subgroup 5-2</b>	Subgroup 5-2	0.182	0.197	-0.164	0.042	0.167	0.307
<b>Subgroup 6-2</b>	Subgroup 6-2	0.066	0.153	-0.225	-0.036	0.061	0.162
<b>Subgroup 7-2</b>	Subgroup 7-2	0.164	0.231	-0.215	0.005	0.134	0.301
<b>Subgroup 8-2</b>	Subgroup 8-2	0.16	0.216	-0.203	0.013	0.134	0.287
<b>Subgroup 4-3</b>	Subgroup 4-3	0.18	0.227	-0.231	0.018	0.17	0.33
<b>Subgroup 5-3</b>	Subgroup 5-3	0.373	0.254	-0.067	0.189	0.353	0.538
<b>Subgroup 6-3</b>	Subgroup 6-3	0.252	0.222	-0.128	0.092	0.234	0.395
<b>Subgroup 7-3</b>	Subgroup 7-3	0.348	0.283	-0.122	0.141	0.322	0.525
<b>Subgroup 8-3</b>	Subgroup 8-3	0.348	0.27	-0.113	0.157	0.328	0.518
<b>Subgroup 5-4</b>	Subgroup 5-4	0.198	0.217	-0.191	0.043	0.187	0.338
<b>Subgroup 6-4</b>	Subgroup 6-4	0.075	0.183	-0.278	-0.044	0.071	0.199
<b>Subgroup 7-4</b>	Subgroup 7-4	0.177	0.245	-0.235	0.006	0.153	0.32
<b>Subgroup 8-4</b>	Subgroup 8-4	0.17	0.235	-0.243	0.008	0.147	0.318
<b>Subgroup 6-5</b>	Subgroup 6-5	-0.121	0.217	-0.57	-0.264	-0.108	0.031
<b>Subgroup 7-5</b>	Subgroup 7-5	-0.022	0.273	-0.547	-0.202	-0.031	0.144
<b>Subgroup 8-5</b>	Subgroup 8-5	-0.031	0.276	-0.562	-0.214	-0.032	0.142
<b>Subgroup 7-6</b>	Subgroup 7-6	0.099	0.243	-0.313	-0.065	0.076	0.242
<b>Subgroup 8-6</b>	Subgroup 8-6	0.097	0.234	-0.318	-0.066	0.077	0.238
<b>Subgroup 8-7</b>	Subgroup 8-7	-0.01	0.288	-0.584	-0.193	-0.012	0.163

	97.5%	Prob <0
<b>Subgroup 2-1</b>	0.272	0.432
<b>Subgroup 3-1</b>	0.2	0.763
<b>Subgroup 4-1</b>	0.319	0.48
<b>Subgroup 5-1</b>	0.65	0.152
<b>Subgroup 6-1</b>	0.403	0.292
<b>Subgroup 7-1</b>	0.701	0.211
<b>Subgroup 8-1</b>	0.682	0.201
<b>Subgroup 3-2</b>	0.162	0.82
<b>Subgroup 4-2</b>	0.275	0.53
<b>Subgroup 5-2</b>	0.602	0.177
<b>Subgroup 6-2</b>	0.383	0.334
<b>Subgroup 7-2</b>	0.696	0.24
<b>Subgroup 8-2</b>	0.665	0.226
<b>Subgroup 4-3</b>	0.65	0.222
<b>Subgroup 5-3</b>	0.917	0.053
<b>Subgroup 6-3</b>	0.713	0.121
<b>Subgroup 7-3</b>	0.975	0.087
<b>Subgroup 8-3</b>	0.912	0.085
<b>Subgroup 5-4</b>	0.67	0.19
<b>Subgroup 6-4</b>	0.436	0.348

	97.5%	Prob <0
<b>Subgroup 7-4</b>	0.732	0.24
<b>Subgroup 8-4</b>	0.667	0.234
<b>Subgroup 6-5</b>	0.272	0.698
<b>Subgroup 7-5</b>	0.547	0.546
<b>Subgroup 8-5</b>	0.525	0.55
<b>Subgroup 7-6</b>	0.646	0.36
<b>Subgroup 8-6</b>	0.604	0.36
<b>Subgroup 8-7</b>	0.591	0.519

## Model: Regression and shrinkage

### Subgroup Effects

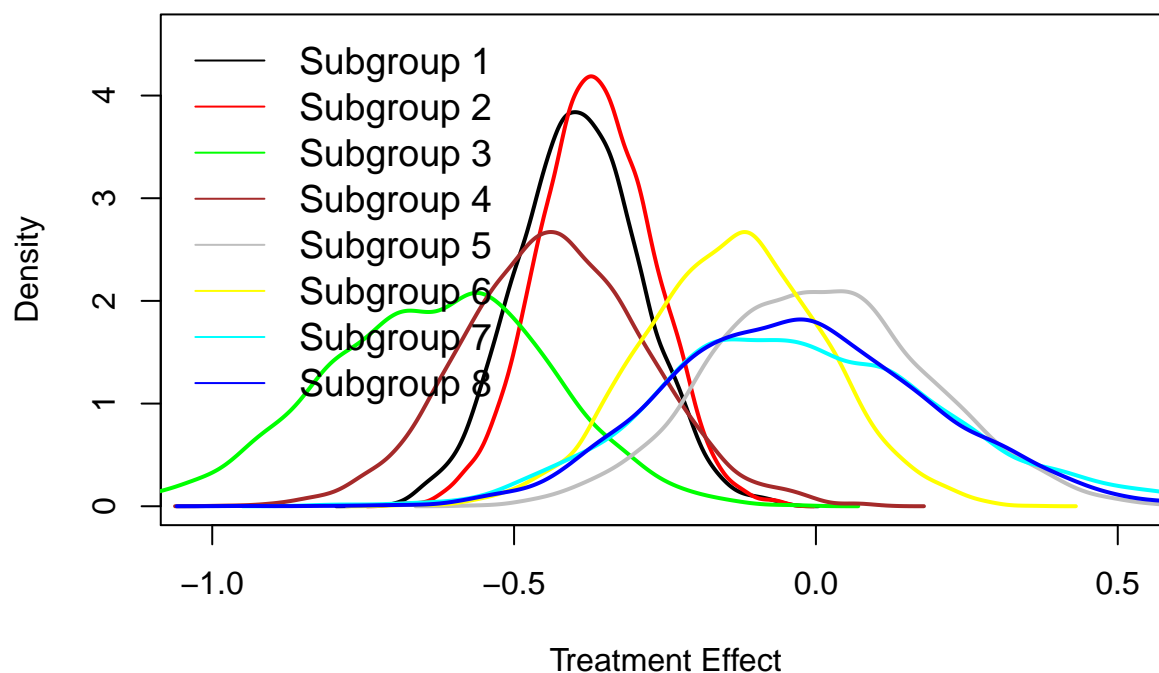
Table 18: Table continues below

	Subgroup	Mean	SD	2.5%	25%	Median	75%	97.5%
<b>Subgroup 1</b>	Subgroup 1	-0.392	0.103	-0.593	-0.462	-0.393	-0.324	-0.189
<b>Subgroup 2</b>	Subgroup 2	-0.365	0.095	-0.551	-0.427	-0.366	-0.3	-0.181
<b>Subgroup 3</b>	Subgroup 3	-0.633	0.19	-1.023	-0.763	-0.624	-0.501	-0.281
<b>Subgroup 4</b>	Subgroup 4	-0.433	0.152	-0.734	-0.535	-0.435	-0.332	-0.124
<b>Subgroup 5</b>	Subgroup 5	0.008	0.182	-0.343	-0.119	0.004	0.126	0.375
<b>Subgroup 6</b>	Subgroup 6	-0.139	0.15	-0.438	-0.24	-0.135	-0.037	0.151
<b>Subgroup 7</b>	Subgroup 7	-0.02	0.249	-0.466	-0.188	-0.037	0.133	0.526
<b>Subgroup 8</b>	Subgroup 8	-0.028	0.221	-0.432	-0.183	-0.037	0.114	0.421

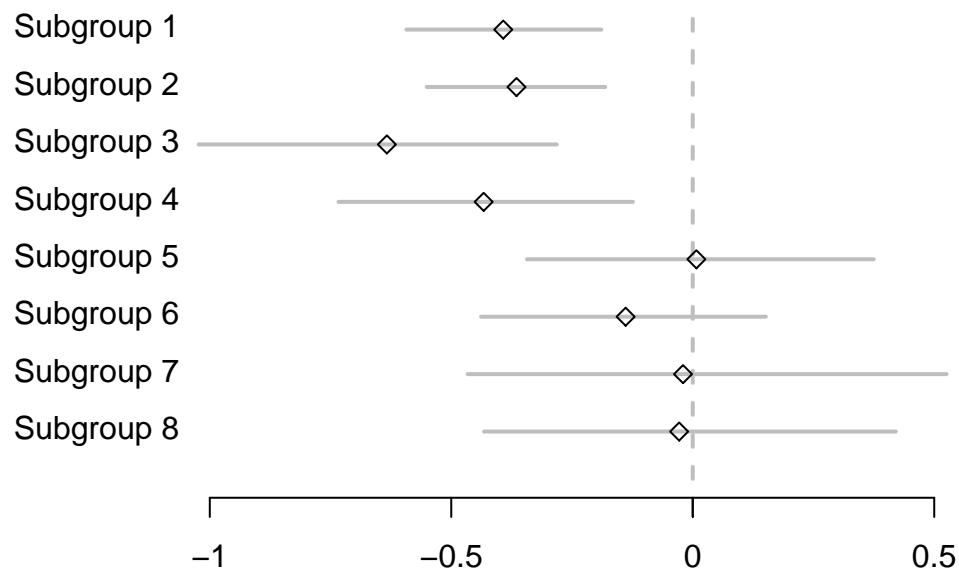
	Prob < 0
<b>Subgroup 1</b>	1
<b>Subgroup 2</b>	1
<b>Subgroup 3</b>	1
<b>Subgroup 4</b>	0.998
<b>Subgroup 5</b>	0.494
<b>Subgroup 6</b>	0.82
<b>Subgroup 7</b>	0.559
<b>Subgroup 8</b>	0.567



## Posterior Distribution of Subgroup Effects



## Subgroup Effects Forest Plot



## Subgroup Effects Comparison

Table 20: Table continues below

	Comparison	Mean	SD	2.5%	25%	Median	75%
<b>Subgroup 2-1</b>	Subgroup 2-1	0.027	0.143	-0.25	-0.073	0.028	0.124

	Comparison	Mean	SD	2.5%	25%	Median	75%
<b>Subgroup 3-1</b>	Subgroup 3-1	-0.239	0.215	-0.658	-0.384	-0.236	-0.093
<b>Subgroup 4-1</b>	Subgroup 4-1	-0.039	0.182	-0.383	-0.161	-0.039	0.081
<b>Subgroup 5-1</b>	Subgroup 5-1	0.402	0.212	-0.007	0.258	0.4	0.548
<b>Subgroup 6-1</b>	Subgroup 6-1	0.252	0.18	-0.111	0.135	0.256	0.374
<b>Subgroup 7-1</b>	Subgroup 7-1	0.364	0.261	-0.124	0.186	0.348	0.538
<b>Subgroup 8-1</b>	Subgroup 8-1	0.366	0.241	-0.094	0.199	0.359	0.524
<b>Subgroup 3-2</b>	Subgroup 3-2	-0.267	0.212	-0.7	-0.41	-0.259	-0.118
<b>Subgroup 4-2</b>	Subgroup 4-2	-0.069	0.182	-0.433	-0.19	-0.068	0.053
<b>Subgroup 5-2</b>	Subgroup 5-2	0.376	0.203	-0.002	0.233	0.37	0.511
<b>Subgroup 6-2</b>	Subgroup 6-2	0.223	0.179	-0.14	0.101	0.225	0.347
<b>Subgroup 7-2</b>	Subgroup 7-2	0.342	0.269	-0.136	0.163	0.322	0.511
<b>Subgroup 8-2</b>	Subgroup 8-2	0.345	0.244	-0.12	0.179	0.333	0.506
<b>Subgroup 4-3</b>	Subgroup 4-3	0.199	0.243	-0.27	0.034	0.197	0.362
<b>Subgroup 5-3</b>	Subgroup 5-3	0.637	0.264	0.135	0.452	0.632	0.816
<b>Subgroup 6-3</b>	Subgroup 6-3	0.492	0.247	0.013	0.323	0.485	0.657
<b>Subgroup 7-3</b>	Subgroup 7-3	0.61	0.312	0.05	0.398	0.594	0.813
<b>Subgroup 8-3</b>	Subgroup 8-3	0.604	0.291	0.05	0.404	0.597	0.799
<b>Subgroup 5-4</b>	Subgroup 5-4	0.44	0.233	-0.014	0.283	0.442	0.595
<b>Subgroup 6-4</b>	Subgroup 6-4	0.295	0.213	-0.131	0.158	0.299	0.442
<b>Subgroup 7-4</b>	Subgroup 7-4	0.416	0.291	-0.137	0.218	0.414	0.6
<b>Subgroup 8-4</b>	Subgroup 8-4	0.4	0.27	-0.121	0.214	0.395	0.578
<b>Subgroup 6-5</b>	Subgroup 6-5	-0.148	0.237	-0.626	-0.304	-0.146	0.015
<b>Subgroup 7-5</b>	Subgroup 7-5	-0.028	0.309	-0.609	-0.232	-0.036	0.168
<b>Subgroup 8-5</b>	Subgroup 8-5	-0.034	0.291	-0.61	-0.233	-0.032	0.163
<b>Subgroup 7-6</b>	Subgroup 7-6	0.117	0.292	-0.423	-0.077	0.104	0.303
<b>Subgroup 8-6</b>	Subgroup 8-6	0.108	0.269	-0.412	-0.075	0.101	0.291
<b>Subgroup 8-7</b>	Subgroup 8-7	-0.011	0.339	-0.69	-0.232	-0.003	0.214

	97.5%	Prob <0
<b>Subgroup 2-1</b>	0.309	0.429
<b>Subgroup 3-1</b>	0.17	0.865
<b>Subgroup 4-1</b>	0.327	0.587
<b>Subgroup 5-1</b>	0.823	0.026
<b>Subgroup 6-1</b>	0.599	0.085
<b>Subgroup 7-1</b>	0.898	0.074
<b>Subgroup 8-1</b>	0.845	0.056
<b>Subgroup 3-2</b>	0.127	0.9
<b>Subgroup 4-2</b>	0.291	0.646
<b>Subgroup 5-2</b>	0.778	0.025
<b>Subgroup 6-2</b>	0.561	0.108
<b>Subgroup 7-2</b>	0.904	0.089
<b>Subgroup 8-2</b>	0.835	0.072
<b>Subgroup 4-3</b>	0.674	0.204
<b>Subgroup 5-3</b>	1.159	0.004
<b>Subgroup 6-3</b>	0.981	0.022
<b>Subgroup 7-3</b>	1.266	0.016
<b>Subgroup 8-3</b>	1.182	0.016
<b>Subgroup 5-4</b>	0.895	0.029
<b>Subgroup 6-4</b>	0.707	0.09

	97.5%	Prob <0
<b>Subgroup 7-4</b>	1.015	0.073
<b>Subgroup 8-4</b>	0.941	0.067
<b>Subgroup 6-5</b>	0.311	0.729
<b>Subgroup 7-5</b>	0.62	0.542
<b>Subgroup 8-5</b>	0.548	0.544
<b>Subgroup 7-6</b>	0.729	0.358
<b>Subgroup 8-6</b>	0.634	0.345
<b>Subgroup 8-7</b>	0.639	0.504

## Model: Dixon and Simon

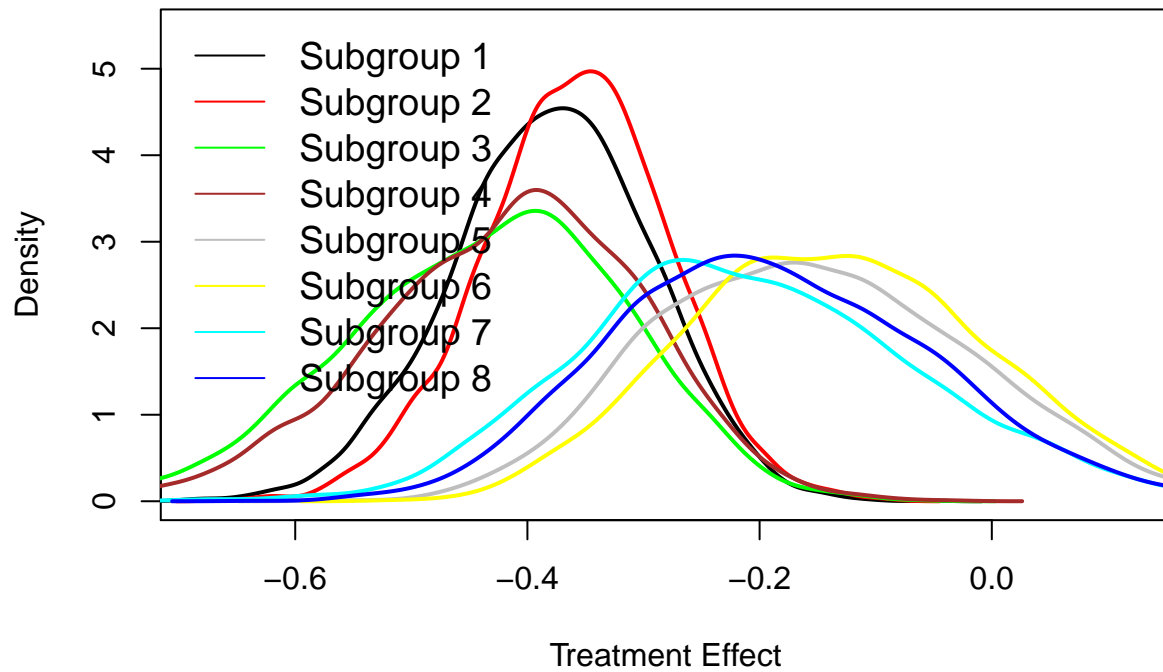
### Subgroup Effects

Table 22: Table continues below

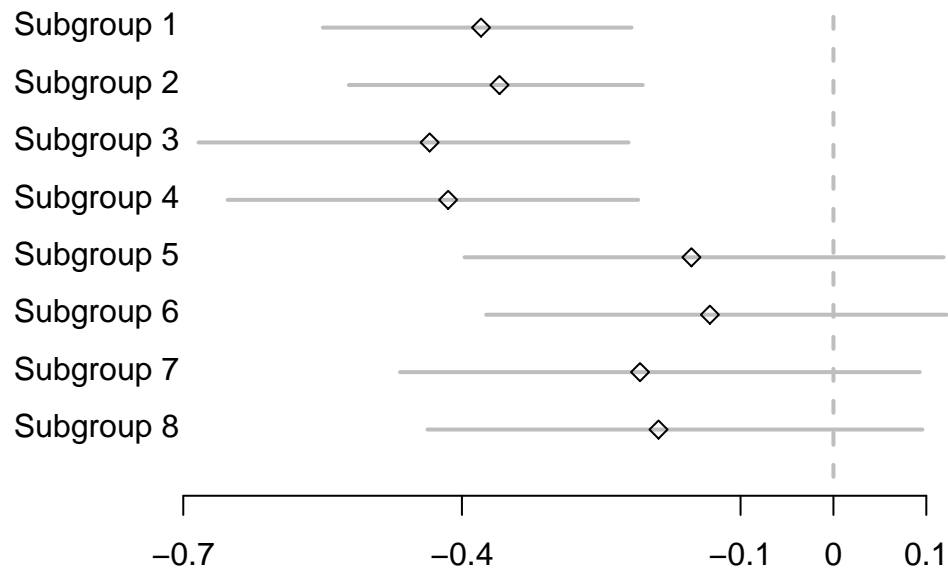
	Subgroup	Mean	SD	2.5%	25%	Median	75%	97.5%
<b>Subgroup 1</b>	Subgroup 1	-0.379	0.086	-0.55	-0.436	-0.377	-0.321	-0.217
<b>Subgroup 2</b>	Subgroup 2	-0.36	0.08	-0.522	-0.411	-0.357	-0.306	-0.205
<b>Subgroup 3</b>	Subgroup 3	-0.435	0.121	-0.684	-0.515	-0.425	-0.349	-0.221
<b>Subgroup 4</b>	Subgroup 4	-0.415	0.115	-0.652	-0.491	-0.406	-0.334	-0.21
<b>Subgroup 5</b>	Subgroup 5	-0.153	0.136	-0.397	-0.252	-0.159	-0.06	0.119
<b>Subgroup 6</b>	Subgroup 6	-0.133	0.13	-0.374	-0.225	-0.137	-0.045	0.122
<b>Subgroup 7</b>	Subgroup 7	-0.208	0.146	-0.467	-0.307	-0.217	-0.112	0.093
<b>Subgroup 8</b>	Subgroup 8	-0.188	0.138	-0.437	-0.287	-0.197	-0.096	0.096

	Prob < 0
<b>Subgroup 1</b>	1
<b>Subgroup 2</b>	1
<b>Subgroup 3</b>	1
<b>Subgroup 4</b>	1
<b>Subgroup 5</b>	0.86
<b>Subgroup 6</b>	0.838
<b>Subgroup 7</b>	0.914
<b>Subgroup 8</b>	0.909

## Posterior Distribution of Subgroup Effects



## Subgroup Effects Forest Plot



## Subgroup Effects Comparison

Table 24: Table continues below

	Comparison	Mean	SD	2.5%	25%	Median	75%
<b>Subgroup 2-1</b>	Subgroup 2-1	0.023	0.118	-0.209	-0.059	0.022	0.101
<b>Subgroup 3-1</b>	Subgroup 3-1	-0.053	0.148	-0.347	-0.151	-0.048	0.05
<b>Subgroup 4-1</b>	Subgroup 4-1	-0.038	0.146	-0.333	-0.134	-0.034	0.063
<b>Subgroup 5-1</b>	Subgroup 5-1	0.226	0.158	-0.074	0.115	0.223	0.335
<b>Subgroup 6-1</b>	Subgroup 6-1	0.249	0.158	-0.054	0.144	0.245	0.354
<b>Subgroup 7-1</b>	Subgroup 7-1	0.177	0.171	-0.149	0.06	0.172	0.29
<b>Subgroup 8-1</b>	Subgroup 8-1	0.192	0.161	-0.109	0.082	0.182	0.299
<b>Subgroup 3-2</b>	Subgroup 3-2	-0.075	0.144	-0.365	-0.171	-0.073	0.023
<b>Subgroup 4-2</b>	Subgroup 4-2	-0.056	0.143	-0.339	-0.148	-0.051	0.042
<b>Subgroup 5-2</b>	Subgroup 5-2	0.207	0.159	-0.088	0.095	0.199	0.313
<b>Subgroup 6-2</b>	Subgroup 6-2	0.231	0.154	-0.063	0.125	0.228	0.336
<b>Subgroup 7-2</b>	Subgroup 7-2	0.15	0.165	-0.159	0.035	0.146	0.263
<b>Subgroup 8-2</b>	Subgroup 8-2	0.167	0.16	-0.123	0.054	0.16	0.273
<b>Subgroup 4-3</b>	Subgroup 4-3	0.021	0.167	-0.305	-0.093	0.019	0.131
<b>Subgroup 5-3</b>	Subgroup 5-3	0.281	0.18	-0.051	0.155	0.276	0.406
<b>Subgroup 6-3</b>	Subgroup 6-3	0.302	0.173	-0.025	0.181	0.298	0.415
<b>Subgroup 7-3</b>	Subgroup 7-3	0.224	0.186	-0.125	0.091	0.223	0.351
<b>Subgroup 8-3</b>	Subgroup 8-3	0.249	0.184	-0.097	0.123	0.245	0.373
<b>Subgroup 5-4</b>	Subgroup 5-4	0.26	0.178	-0.07	0.134	0.253	0.38
<b>Subgroup 6-4</b>	Subgroup 6-4	0.28	0.172	-0.037	0.16	0.276	0.397
<b>Subgroup 7-4</b>	Subgroup 7-4	0.204	0.185	-0.141	0.072	0.199	0.332
<b>Subgroup 8-4</b>	Subgroup 8-4	0.227	0.177	-0.102	0.099	0.223	0.347
<b>Subgroup 6-5</b>	Subgroup 6-5	0.019	0.185	-0.342	-0.107	0.02	0.146
<b>Subgroup 7-5</b>	Subgroup 7-5	-0.065	0.199	-0.451	-0.203	-0.063	0.074
<b>Subgroup 8-5</b>	Subgroup 8-5	-0.039	0.191	-0.407	-0.167	-0.038	0.09
<b>Subgroup 7-6</b>	Subgroup 7-6	-0.076	0.198	-0.456	-0.209	-0.081	0.055
<b>Subgroup 8-6</b>	Subgroup 8-6	-0.056	0.19	-0.422	-0.188	-0.061	0.073

	Comparison	Mean	SD	2.5%	25%	Median	75%
<b>Subgroup 8-7</b>	Subgroup 8-7	0.022	0.203	-0.373	-0.116	0.02	0.159

	97.5%	Prob <0
<b>Subgroup 2-1</b>	0.256	0.42
<b>Subgroup 3-1</b>	0.229	0.633
<b>Subgroup 4-1</b>	0.238	0.594
<b>Subgroup 5-1</b>	0.54	0.07
<b>Subgroup 6-1</b>	0.564	0.056
<b>Subgroup 7-1</b>	0.527	0.146
<b>Subgroup 8-1</b>	0.521	0.112
<b>Subgroup 3-2</b>	0.204	0.698
<b>Subgroup 4-2</b>	0.21	0.642
<b>Subgroup 5-2</b>	0.526	0.088
<b>Subgroup 6-2</b>	0.531	0.066
<b>Subgroup 7-2</b>	0.487	0.183
<b>Subgroup 8-2</b>	0.499	0.152
<b>Subgroup 4-3</b>	0.357	0.452
<b>Subgroup 5-3</b>	0.641	0.057
<b>Subgroup 6-3</b>	0.655	0.037
<b>Subgroup 7-3</b>	0.591	0.12
<b>Subgroup 8-3</b>	0.607	0.086
<b>Subgroup 5-4</b>	0.617	0.064
<b>Subgroup 6-4</b>	0.621	0.047
<b>Subgroup 7-4</b>	0.578	0.132
<b>Subgroup 8-4</b>	0.58	0.098
<b>Subgroup 6-5</b>	0.378	0.457
<b>Subgroup 7-5</b>	0.316	0.616
<b>Subgroup 8-5</b>	0.331	0.578
<b>Subgroup 7-6</b>	0.31	0.652
<b>Subgroup 8-6</b>	0.315	0.622
<b>Subgroup 8-7</b>	0.425	0.458

## Model: Extended Dixon and Simon

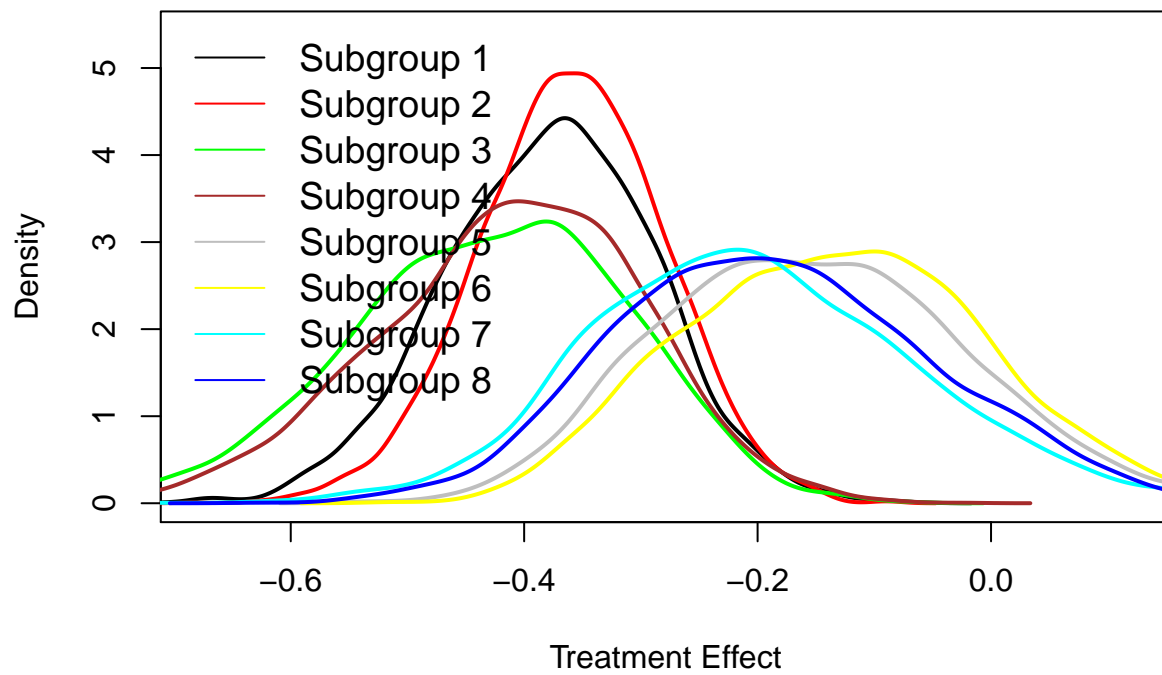
### Subgroup Effects

Table 26: Table continues below

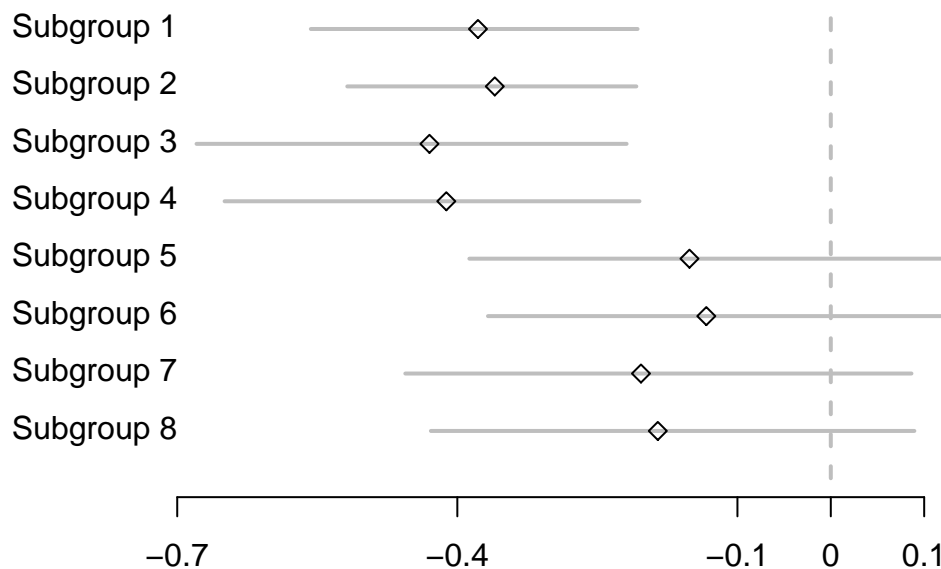
	Subgroup	Mean	SD	2.5%	25%	Median	75%	97.5%
<b>Subgroup 1</b>	Subgroup 1	-0.378	0.09	-0.557	-0.438	-0.375	-0.316	-0.207
<b>Subgroup 2</b>	Subgroup 2	-0.36	0.079	-0.518	-0.412	-0.359	-0.306	-0.208
<b>Subgroup 3</b>	Subgroup 3	-0.43	0.119	-0.679	-0.509	-0.423	-0.344	-0.219
<b>Subgroup 4</b>	Subgroup 4	-0.412	0.114	-0.649	-0.486	-0.406	-0.331	-0.205
<b>Subgroup 5</b>	Subgroup 5	-0.151	0.132	-0.387	-0.248	-0.157	-0.062	0.122
<b>Subgroup 6</b>	Subgroup 6	-0.133	0.127	-0.367	-0.225	-0.134	-0.045	0.118
<b>Subgroup 7</b>	Subgroup 7	-0.203	0.14	-0.456	-0.302	-0.212	-0.113	0.086
<b>Subgroup 8</b>	Subgroup 8	-0.185	0.137	-0.428	-0.281	-0.193	-0.095	0.089

	Prob < 0
Subgroup 1	1
Subgroup 2	1
Subgroup 3	1
Subgroup 4	1
Subgroup 5	0.869
Subgroup 6	0.851
Subgroup 7	0.918
Subgroup 8	0.902

### Posterior Distribution of Subgroup Effects



## Subgroup Effects Forest Plot



## Subgroup Effects Comparison

Table 28: Table continues below

	Comparison	Mean	SD	2.5%	25%	Median	75%
<b>Subgroup 2-1</b>	Subgroup 2-1	0.021	0.12	-0.211	-0.059	0.021	0.101
<b>Subgroup 3-1</b>	Subgroup 3-1	-0.048	0.149	-0.356	-0.147	-0.044	0.053
<b>Subgroup 4-1</b>	Subgroup 4-1	-0.035	0.147	-0.325	-0.135	-0.033	0.066
<b>Subgroup 5-1</b>	Subgroup 5-1	0.233	0.161	-0.075	0.122	0.231	0.338
<b>Subgroup 6-1</b>	Subgroup 6-1	0.244	0.156	-0.058	0.136	0.242	0.351
<b>Subgroup 7-1</b>	Subgroup 7-1	0.177	0.167	-0.131	0.058	0.171	0.286
<b>Subgroup 8-1</b>	Subgroup 8-1	0.192	0.167	-0.119	0.073	0.186	0.306
<b>Subgroup 3-2</b>	Subgroup 3-2	-0.072	0.145	-0.362	-0.17	-0.07	0.031
<b>Subgroup 4-2</b>	Subgroup 4-2	-0.053	0.137	-0.331	-0.143	-0.05	0.037
<b>Subgroup 5-2</b>	Subgroup 5-2	0.212	0.158	-0.08	0.099	0.207	0.318
<b>Subgroup 6-2</b>	Subgroup 6-2	0.228	0.149	-0.047	0.121	0.225	0.331
<b>Subgroup 7-2</b>	Subgroup 7-2	0.153	0.159	-0.141	0.047	0.145	0.257
<b>Subgroup 8-2</b>	Subgroup 8-2	0.173	0.16	-0.126	0.061	0.166	0.277



	Comparison	Mean	SD	2.5%	25%	Median	75%
<b>Subgroup 4-3</b>	Subgroup 4-3	0.014	0.163	-0.304	-0.095	0.011	0.122
<b>Subgroup 5-3</b>	Subgroup 5-3	0.281	0.182	-0.05	0.154	0.275	0.405
<b>Subgroup 6-3</b>	Subgroup 6-3	0.299	0.177	-0.034	0.178	0.298	0.42
<b>Subgroup 7-3</b>	Subgroup 7-3	0.223	0.184	-0.12	0.095	0.215	0.348
<b>Subgroup 8-3</b>	Subgroup 8-3	0.248	0.184	-0.093	0.12	0.242	0.368
<b>Subgroup 5-4</b>	Subgroup 5-4	0.255	0.176	-0.067	0.131	0.249	0.37
<b>Subgroup 6-4</b>	Subgroup 6-4	0.279	0.172	-0.053	0.163	0.276	0.394
<b>Subgroup 7-4</b>	Subgroup 7-4	0.209	0.181	-0.128	0.087	0.202	0.325
<b>Subgroup 8-4</b>	Subgroup 8-4	0.225	0.181	-0.109	0.102	0.215	0.342
<b>Subgroup 6-5</b>	Subgroup 6-5	0.019	0.183	-0.329	-0.107	0.017	0.141
<b>Subgroup 7-5</b>	Subgroup 7-5	-0.057	0.191	-0.436	-0.18	-0.059	0.07
<b>Subgroup 8-5</b>	Subgroup 8-5	-0.029	0.19	-0.399	-0.158	-0.033	0.101
<b>Subgroup 7-6</b>	Subgroup 7-6	-0.07	0.189	-0.435	-0.2	-0.072	0.055
<b>Subgroup 8-6</b>	Subgroup 8-6	-0.05	0.189	-0.41	-0.18	-0.045	0.079
<b>Subgroup 8-7</b>	Subgroup 8-7	0.02	0.194	-0.354	-0.113	0.021	0.149

	97.5%	Prob <0
<b>Subgroup 2-1</b>	0.257	0.43
<b>Subgroup 3-1</b>	0.227	0.614
<b>Subgroup 4-1</b>	0.243	0.59
<b>Subgroup 5-1</b>	0.558	0.067
<b>Subgroup 6-1</b>	0.552	0.06
<b>Subgroup 7-1</b>	0.515	0.142
<b>Subgroup 8-1</b>	0.525	0.118
<b>Subgroup 3-2</b>	0.198	0.674
<b>Subgroup 4-2</b>	0.209	0.644
<b>Subgroup 5-2</b>	0.534	0.087
<b>Subgroup 6-2</b>	0.531	0.062
<b>Subgroup 7-2</b>	0.477	0.167
<b>Subgroup 8-2</b>	0.49	0.138
<b>Subgroup 4-3</b>	0.344	0.471
<b>Subgroup 5-3</b>	0.656	0.056
<b>Subgroup 6-3</b>	0.655	0.046
<b>Subgroup 7-3</b>	0.59	0.112
<b>Subgroup 8-3</b>	0.624	0.087
<b>Subgroup 5-4</b>	0.612	0.069
<b>Subgroup 6-4</b>	0.616	0.051
<b>Subgroup 7-4</b>	0.588	0.115
<b>Subgroup 8-4</b>	0.591	0.1

	97.5%	Prob <0
<b>Subgroup 6-5</b>	0.388	0.462
<b>Subgroup 7-5</b>	0.311	0.625
<b>Subgroup 8-5</b>	0.342	0.565
<b>Subgroup 7-6</b>	0.308	0.652
<b>Subgroup 8-6</b>	0.318	0.598
<b>Subgroup 8-7</b>	0.395	0.455

## Summary

Based on leave-one-out cross-validation information criterion (LOOIC), results from the Extended Dixon and Simon model are reported here. However, this does not imply that the selected model is significantly better than the other models. Please consider the totality of the information for drawing the conclusions.

Based on LOOIC, Extended Dixon and Simon model is selected for the analysis dataset. The summary result table is as follows:

Table 30: Table continues below

	Model	Subgroup	lvef	sodium
<b>Subgroup 1</b>	Extended Dixon and Simon	1	0	0
<b>Subgroup 2</b>	Extended Dixon and Simon	2	0	0
<b>Subgroup 3</b>	Extended Dixon and Simon	3	0	1
<b>Subgroup 4</b>	Extended Dixon and Simon	4	0	1
<b>Subgroup 5</b>	Extended Dixon and Simon	5	1	0
<b>Subgroup 6</b>	Extended Dixon and Simon	6	1	0
<b>Subgroup 7</b>	Extended Dixon and Simon	7	1	1
<b>Subgroup 8</b>	Extended Dixon and Simon	8	1	1

	any.vasodilator.use	Mean	SD	Prob < 0
<b>Subgroup 1</b>	0	-0.378	0.09	1
<b>Subgroup 2</b>	1	-0.36	0.079	1
<b>Subgroup 3</b>	0	-0.43	0.119	1
<b>Subgroup 4</b>	1	-0.412	0.114	1
<b>Subgroup 5</b>	0	-0.151	0.132	0.869
<b>Subgroup 6</b>	1	-0.133	0.127	0.851
<b>Subgroup 7</b>	0	-0.203	0.14	0.918
<b>Subgroup 8</b>	1	-0.185	0.137	0.902