

12 APPENDIX IV

This section presents the validation results of the reactive dynamic traffic assignment parameters based on a standard comparison between model and system outputs, using the GEH index and the validation based on the $RGap(t)$ function, for a medium-sized urban network that models a part of the city of San Sebastian in Spain.

- Depending on the route choice model employed (proportional, logit or C-logit), the experimental design factors for the simulations were as follows: Proportional route choice model:
 - Alpha factor (α), for which values of 0.5, 1, 2, 2.5 and 3 were considered
 - *Initial K-SP*, for which values of 1, 2 and 3 were considered
 - Maximum number of routes (*MaxNumberRoutes*) fixed to 3
 - Lambda factor of the cost function (λ), for which values of 0.25, 0.50 and 0.75 were considered

If these three factors are combined, the total number of experiments is 45 ($5 * 3 * 3$), each of which was simulated 15 times (replications). The following random seeds were changed: 9182, 1670, 6534, 8159, 8538, 5768, 1277, 1065, 1846, 8740, 1489, 3334, 6232, 6237 and 1870.

- Logit route choice model:
 - Scale factor (θ), for which values of 10, 60, 100 and 600 were considered
 - Initial K-SP, for which values of 1, 2 and 3 were considered
 - Maximum number of routes (*MaxNumberRoutes*) fixed to 3
 - Lambda factor of the cost function (λ), for which values of 0.25, 0.50 and 0.75 were considered

If these three factors are combined, the total number of experiments is 27 ($3 * 3 * 3$), each of which was simulated 15 times (replications). The random seeds were changed as in the proportional route choice model.

- C-logit route choice model with fixed beta and gamma:
 - Scale factor (θ), for which values of 10, 60, 100 and 600 were considered
 - *Initial K-SP*, for which values of 1, 2 and 3 were considered

- Maximum number of routes (*MaxNumberRoutes*) fixed to 3
- Beta (β), for which values of 0.10, 0.15, 0.50 and 1 were considered
- Gamma (γ) fixed to 1
- Lambda factor of the cost function (λ), for which values of 0.25, 0.50 and 0.75 were considered

If these factors are combined, the total number of experiments is 108 ($3 * 3 * 4 * 3$), each of which was simulated 15 times (replications). The random seeds were changed as in the proportional route choice model.

12.1 PROPORTIONAL ROUTE CHOICE MODEL

The average $RGap(t)$ function and GEH of all the replications using the proportional route choice are featured in the table below.

Alpha Factor	InitialK-SP	Lambda	NumReplicat	AvgRGAP	GEH
0.5	1	0.25	1	11.37%	86.67%
0.5	1	0.25	2	6.94%	86.67%
0.5	1	0.25	3	5.58%	86.67%
0.5	1	0.25	4	6.01%	83.33%
0.5	1	0.25	5	18.69%	80.00%
0.5	1	0.25	6	18.45%	80.00%
0.5	1	0.25	7	18.98%	80.00%
0.5	1	0.25	8	12.55%	80.00%
0.5	1	0.25	9	6.68%	23.33%
0.5	1	0.25	10	5.08%	90.00%
0.5	1	0.25	11	7.84%	86.67%
0.5	1	0.25	12	4.38%	90.00%
0.5	1	0.25	13	17.81%	80.00%
0.5	1	0.25	14	6.63%	86.67%
0.5	1	0.25	15	11.59%	83.33%
0.5	2	0.25	1	16.08%	16.67%
0.5	2	0.25	2	15.43%	16.67%
0.5	2	0.25	3	8.33%	13.33%
0.5	2	0.25	4	15.71%	16.67%
0.5	2	0.25	5	33.93%	13.33%
0.5	2	0.25	6	19.54%	16.67%
0.5	2	0.25	7	15.75%	6.67%

0.5	2	0.25	8	21.64%	20.00%
0.5	2	0.25	9	19.86%	10.00%
0.5	2	0.25	10	20.42%	13.33%
0.5	2	0.25	11	28.60%	13.33%
0.5	2	0.25	12	11.85%	16.67%
0.5	2	0.25	13	11.89%	13.33%
0.5	2	0.25	14	35.58%	13.33%
0.5	2	0.25	15	16.65%	10.00%
0.5	3	0.25	1	25.04%	16.67%
0.5	3	0.25	2	10.59%	13.33%
0.5	3	0.25	3	24.18%	10.00%
0.5	3	0.25	4	13.24%	13.33%
0.5	3	0.25	5	27.93%	16.67%
0.5	3	0.25	6	24.05%	20.00%
0.5	3	0.25	7	30.33%	16.67%
0.5	3	0.25	8	15.55%	16.67%
0.5	3	0.25	9	21.07%	20.00%
0.5	3	0.25	10	11.81%	16.67%
0.5	3	0.25	11	23.41%	10.00%
0.5	3	0.25	12	16.66%	16.67%
0.5	3	0.25	13	19.37%	16.67%
0.5	3	0.25	14	22.79%	20.00%
0.5	3	0.25	15	23.71%	10.00%
1	1	0.25	1	3.93%	83.33%
1	1	0.25	2	13.61%	80.00%
1	1	0.25	3	13.28%	90.00%
1	1	0.25	4	5.43%	6.67%
1	1	0.25	5	19.33%	80.00%
1	1	0.25	6	21.30%	80.00%
1	1	0.25	7	18.48%	80.00%
1	1	0.25	8	6.42%	83.33%
1	1	0.25	9	19.69%	83.33%
1	1	0.25	10	6.67%	90.00%
1	1	0.25	11	5.92%	86.67%
1	1	0.25	12	6.15%	86.67%
1	1	0.25	13	5.87%	86.67%
1	1	0.25	14	17.53%	83.33%
1	1	0.25	15	6.41%	83.33%
1	2	0.25	1	23.52%	16.67%

1	2	0.25	2	9.08%	13.33%
1	2	0.25	3	13.93%	13.33%
1	2	0.25	4	22.22%	16.67%
1	2	0.25	5	23.19%	13.33%
1	2	0.25	6	23.12%	13.33%
1	2	0.25	7	23.97%	13.33%
1	2	0.25	8	10.56%	16.67%
1	2	0.25	9	18.17%	13.33%
1	2	0.25	10	22.21%	13.33%
1	2	0.25	11	16.58%	23.33%
1	2	0.25	12	12.70%	13.33%
1	2	0.25	13	20.62%	13.33%
1	2	0.25	14	22.79%	16.67%
1	2	0.25	15	23.24%	13.33%
1	3	0.25	1	21.89%	23.33%
1	3	0.25	2	26.47%	60.00%
1	3	0.25	3	25.22%	23.33%
1	3	0.25	4	20.75%	16.67%
1	3	0.25	5	19.92%	16.67%
1	3	0.25	6	13.62%	16.67%
1	3	0.25	7	12.69%	16.67%
1	3	0.25	8	25.27%	13.33%
1	3	0.25	9	24.93%	16.67%
1	3	0.25	10	17.25%	20.00%
1	3	0.25	11	14.72%	16.67%
1	3	0.25	12	22.34%	16.67%
1	3	0.25	13	23.92%	20.00%
1	3	0.25	14	24.31%	10.00%
1	3	0.25	15	19.65%	16.67%
2	1	0.25	1	4.95%	86.67%
2	1	0.25	2	18.40%	80.00%
2	1	0.25	3	5.74%	86.67%
2	1	0.25	4	15.21%	80.00%
2	1	0.25	5	6.32%	93.33%
2	1	0.25	6	17.67%	80.00%
2	1	0.25	7	6.59%	90.00%
2	1	0.25	8	6.00%	86.67%
2	1	0.25	9	6.71%	50.00%
2	1	0.25	10	6.80%	90.00%

2	1	0.25	11	13.47%	86.67%
2	1	0.25	12	6.56%	83.33%
2	1	0.25	13	4.73%	50.00%
2	1	0.25	14	5.04%	83.33%
2	1	0.25	15	19.58%	80.00%
2	2	0.25	1	27.09%	70.00%
2	2	0.25	2	26.35%	70.00%
2	2	0.25	3	30.96%	70.00%
2	2	0.25	4	32.05%	63.33%
2	2	0.25	5	27.89%	66.67%
2	2	0.25	6	25.24%	70.00%
2	2	0.25	7	25.98%	70.00%
2	2	0.25	8	36.63%	70.00%
2	2	0.25	9	32.04%	70.00%
2	2	0.25	10	26.38%	53.33%
2	2	0.25	11	26.78%	80.00%
2	2	0.25	12	23.56%	60.00%
2	2	0.25	13	34.64%	83.33%
2	2	0.25	14	29.69%	66.67%
2	2	0.25	15	27.56%	63.33%
2	3	0.25	1	16.81%	76.67%
2	3	0.25	2	19.72%	56.67%
2	3	0.25	3	19.67%	66.67%
2	3	0.25	4	21.38%	66.67%
2	3	0.25	5	19.32%	73.33%
2	3	0.25	6	19.07%	66.67%
2	3	0.25	7	17.46%	56.67%
2	3	0.25	8	19.95%	60.00%
2	3	0.25	9	21.74%	63.33%
2	3	0.25	10	18.51%	66.67%
2	3	0.25	11	20.80%	66.67%
2	3	0.25	12	21.01%	63.33%
2	3	0.25	13	21.17%	76.67%
2	3	0.25	14	20.20%	70.00%
2	3	0.25	15	19.23%	70.00%
2.5	1	0.25	1	4.22%	90.00%
2.5	1	0.25	2	4.07%	83.33%
2.5	1	0.25	3	6.02%	90.00%
2.5	1	0.25	4	5.26%	86.67%

2.5	1	0.25	5	6.53%	86.67%
2.5	1	0.25	6	5.93%	33.33%
2.5	1	0.25	7	7.51%	90.00%
2.5	1	0.25	8	7.15%	86.67%
2.5	1	0.25	9	4.42%	53.33%
2.5	1	0.25	10	4.89%	86.67%
2.5	1	0.25	11	5.52%	90.00%
2.5	1	0.25	12	7.71%	83.33%
2.5	1	0.25	13	4.71%	86.67%
2.5	1	0.25	14	5.94%	83.33%
2.5	1	0.25	15	15.12%	86.67%
2.5	2	0.25	1	17.18%	70.00%
2.5	2	0.25	2	17.78%	63.33%
2.5	2	0.25	3	22.07%	73.33%
2.5	2	0.25	4	23.92%	70.00%
2.5	2	0.25	5	15.36%	30.00%
2.5	2	0.25	6	20.29%	86.67%
2.5	2	0.25	7	23.90%	76.67%
2.5	2	0.25	8	29.33%	76.67%
2.5	2	0.25	9	20.38%	70.00%
2.5	2	0.25	10	17.20%	73.33%
2.5	2	0.25	11	16.01%	83.33%
2.5	2	0.25	12	15.96%	80.00%
2.5	2	0.25	13	21.12%	83.33%
2.5	2	0.25	14	21.23%	73.33%
2.5	2	0.25	15	18.15%	73.33%
2.5	3	0.25	1	14.39%	90.00%
2.5	3	0.25	2	11.88%	73.33%
2.5	3	0.25	3	12.01%	90.00%
2.5	3	0.25	4	14.44%	86.67%
2.5	3	0.25	5	12.66%	80.00%
2.5	3	0.25	6	15.68%	80.00%
2.5	3	0.25	7	10.77%	76.67%
2.5	3	0.25	8	15.78%	63.33%
2.5	3	0.25	9	16.83%	70.00%
2.5	3	0.25	10	15.17%	73.33%
2.5	3	0.25	11	13.97%	76.67%
2.5	3	0.25	12	11.08%	90.00%
2.5	3	0.25	13	15.01%	83.33%

2.5	3	0.25	14	15.34%	86.67%
2.5	3	0.25	15	15.97%	80.00%
3	1	0.25	1	5.97%	86.67%
3	1	0.25	2	4.33%	83.33%
3	1	0.25	3	8.08%	86.67%
3	1	0.25	4	11.13%	86.67%
3	1	0.25	5	14.79%	86.67%
3	1	0.25	6	15.32%	83.33%
3	1	0.25	7	12.33%	83.33%
3	1	0.25	8	7.22%	90.00%
3	1	0.25	9	7.25%	86.67%
3	1	0.25	10	3.39%	86.67%
3	1	0.25	11	6.42%	90.00%
3	1	0.25	12	14.09%	83.33%
3	1	0.25	13	15.78%	83.33%
3	1	0.25	14	3.80%	86.67%
3	1	0.25	15	7.33%	86.67%
3	2	0.25	1	17.05%	70.00%
3	2	0.25	2	13.30%	83.33%
3	2	0.25	3	14.51%	83.33%
3	2	0.25	4	16.68%	73.33%
3	2	0.25	5	13.96%	83.33%
3	2	0.25	6	11.91%	83.33%
3	2	0.25	7	16.41%	70.00%
3	2	0.25	8	16.76%	26.67%
3	2	0.25	9	17.24%	83.33%
3	2	0.25	10	18.82%	73.33%
3	2	0.25	11	12.91%	86.67%
3	2	0.25	12	20.10%	66.67%
3	2	0.25	13	18.79%	83.33%
3	2	0.25	14	15.98%	83.33%
3	2	0.25	15	17.22%	76.67%
3	3	0.25	1	11.92%	66.67%
3	3	0.25	2	11.09%	83.33%
3	3	0.25	3	10.12%	86.67%
3	3	0.25	4	11.45%	86.67%
3	3	0.25	5	10.54%	90.00%
3	3	0.25	6	12.59%	80.00%
3	3	0.25	7	11.30%	90.00%

3	3	0.25	8	10.56%	86.67%
3	3	0.25	9	12.37%	86.67%
3	3	0.25	10	11.80%	83.33%
3	3	0.25	11	11.91%	90.00%
3	3	0.25	12	11.85%	86.67%
3	3	0.25	13	7.86%	90.00%
3	3	0.25	14	9.53%	90.00%
3	3	0.25	15	10.27%	86.67%
0.5	1	0.5	1	0.084919	83.33%
0.5	1	0.5	2	0.133973	80.00%
0.5	1	0.5	3	0.06506	73.33%
0.5	1	0.5	4	0.052707	30.00%
0.5	1	0.5	5	0.055291	10.00%
0.5	1	0.5	6	0.047604	23.33%
0.5	1	0.5	7	0.16306	83.33%
0.5	1	0.5	8	0.130074	83.33%
0.5	1	0.5	9	0.168974	83.33%
0.5	1	0.5	10	0.119234	83.33%
0.5	1	0.5	11	0.143325	83.33%
0.5	1	0.5	12	0.150394	83.33%
0.5	1	0.5	13	0.139066	83.33%
0.5	1	0.5	14	0.203399	80.00%
0.5	1	0.5	15	0.155249	86.67%
0.5	2	0.5	1	0.269094	13.33%
0.5	2	0.5	2	0.267508	20.00%
0.5	2	0.5	3	0.139573	20.00%
0.5	2	0.5	4	0.121477	16.67%
0.5	2	0.5	5	0.202798	13.33%
0.5	2	0.5	6	0.165589	10.00%
0.5	2	0.5	7	0.20673	16.67%
0.5	2	0.5	8	0.169079	20.00%
0.5	2	0.5	9	0.210706	6.67%
0.5	2	0.5	10	0.168904	16.67%
0.5	2	0.5	11	0.142948	13.33%
0.5	2	0.5	12	0.291836	16.67%
0.5	2	0.5	13	0.387193	23.33%
0.5	2	0.5	14	0.234908	20.00%
0.5	2	0.5	15	0.20071	16.67%
0.5	3	0.5	1	0.199406	23.33%

0.5	3	0.5	2	0.120805	13.33%
0.5	3	0.5	3	0.17042	20.00%
0.5	3	0.5	4	0.178973	16.67%
0.5	3	0.5	5	0.170771	16.67%
0.5	3	0.5	6	0.18098	20.00%
0.5	3	0.5	7	0.167036	16.67%
0.5	3	0.5	8	0.19825	16.67%
0.5	3	0.5	9	0.193515	16.67%
0.5	3	0.5	10	0.133608	13.33%
0.5	3	0.5	11	0.147849	16.67%
0.5	3	0.5	12	0.143706	13.33%
0.5	3	0.5	13	0.12111	13.33%
0.5	3	0.5	14	0.14815	16.67%
0.5	3	0.5	15	0.136022	20.00%
1	1	0.5	1	0.055581	83.33%
1	1	0.5	2	0.140723	83.33%
1	1	0.5	3	0.176528	86.67%
1	1	0.5	4	0.063053	83.33%
1	1	0.5	5	0.184038	83.33%
1	1	0.5	6	0.151068	83.33%
1	1	0.5	7	0.12537	83.33%
1	1	0.5	8	0.055618	80.00%
1	1	0.5	9	0.054084	6.67%
1	1	0.5	10	0.075011	83.33%
1	1	0.5	11	0.064467	43.33%
1	1	0.5	12	0.194941	83.33%
1	1	0.5	13	0.06	76.67%
1	1	0.5	14	0.122284	83.33%
1	1	0.5	15	0.034332	86.67%
1	2	0.5	1	0.434185	23.33%
1	2	0.5	2	0.22575	20.00%
1	2	0.5	3	0.267365	13.33%
1	2	0.5	4	0.159013	16.67%
1	2	0.5	5	0.128404	16.67%
1	2	0.5	6	0.23377	20.00%
1	2	0.5	7	0.218654	16.67%
1	2	0.5	8	0.245545	13.33%
1	2	0.5	9	0.128499	16.67%
1	2	0.5	10	0.171778	16.67%

1	2	0.5	11	0.207248	13.33%
1	2	0.5	12	0.234468	20.00%
1	2	0.5	13	0.380833	16.67%
1	2	0.5	14	0.134514	13.33%
1	2	0.5	15	0.146217	16.67%
1	3	0.5	1	0.176946	23.33%
1	3	0.5	2	0.164064	20.00%
1	3	0.5	3	0.150416	16.67%
1	3	0.5	4	0.151361	16.67%
1	3	0.5	5	0.243344	13.33%
1	3	0.5	6	0.298448	23.33%
1	3	0.5	7	0.143407	16.67%
1	3	0.5	8	0.150043	16.67%
1	3	0.5	9	0.208715	23.33%
1	3	0.5	10	0.155711	20.00%
1	3	0.5	11	0.21555	16.67%
1	3	0.5	12	0.171029	20.00%
1	3	0.5	13	0.149142	16.67%
1	3	0.5	14	0.259539	23.33%
1	3	0.5	15	0.168367	16.67%
2	1	0.5	1	0.043238	83.33%
2	1	0.5	2	0.0345	90.00%
2	1	0.5	3	0.138671	83.33%
2	1	0.5	4	0.044077	86.67%
2	1	0.5	5	0.154534	83.33%
2	1	0.5	6	0.062889	86.67%
2	1	0.5	7	0.108197	83.33%
2	1	0.5	8	0.05744	90.00%
2	1	0.5	9	0.129405	76.67%
2	1	0.5	10	0.046933	86.67%
2	1	0.5	11	0.145799	83.33%
2	1	0.5	12	0.05407	86.67%
2	1	0.5	13	0.069988	70.00%
2	1	0.5	14	0.137741	73.33%
2	1	0.5	15	0.11563	86.67%
2	2	0.5	1	0.260869	73.33%
2	2	0.5	2	0.260007	66.67%
2	2	0.5	3	0.216973	23.33%
2	2	0.5	4	0.231001	26.67%

2	2	0.5	5	0.305917	60.00%
2	2	0.5	6	0.269145	56.67%
2	2	0.5	7	0.177266	23.33%
2	2	0.5	8	0.301883	56.67%
2	2	0.5	9	0.399541	56.67%
2	2	0.5	10	0.230968	56.67%
2	2	0.5	11	0.207309	70.00%
2	2	0.5	12	0.294749	20.00%
2	2	0.5	13	0.262156	70.00%
2	2	0.5	14	0.182341	23.33%
2	2	0.5	15	0.348916	60.00%
2	3	0.5	1	0.185058	66.67%
2	3	0.5	2	0.16123	80.00%
2	3	0.5	3	0.188083	63.33%
2	3	0.5	4	0.204178	73.33%
2	3	0.5	5	0.20159	63.33%
2	3	0.5	6	0.177395	60.00%
2	3	0.5	7	0.198891	53.33%
2	3	0.5	8	0.222245	60.00%
2	3	0.5	9	0.164284	20.00%
2	3	0.5	10	0.209778	60.00%
2	3	0.5	11	0.188137	70.00%
2	3	0.5	12	0.147133	63.33%
2	3	0.5	13	0.17956	63.33%
2	3	0.5	14	0.163337	70.00%
2	3	0.5	15	0.171073	20.00%
2.5	1	0.5	1	0.044569	90.00%
2.5	1	0.5	2	0.058142	86.67%
2.5	1	0.5	3	0.120923	90.00%
2.5	1	0.5	4	0.036727	90.00%
2.5	1	0.5	5	0.055234	43.33%
2.5	1	0.5	6	0.121366	83.33%
2.5	1	0.5	7	0.085066	50.00%
2.5	1	0.5	8	0.086578	90.00%
2.5	1	0.5	9	0.072044	43.33%
2.5	1	0.5	10	0.045055	46.67%
2.5	1	0.5	11	0.05071	76.67%
2.5	1	0.5	12	0.122944	80.00%
2.5	1	0.5	13	0.091498	73.33%

2.5	1	0.5	14	0.1512	86.67%
2.5	1	0.5	15	0.054756	90.00%
2.5	2	0.5	1	0.174963	73.33%
2.5	2	0.5	2	0.189725	83.33%
2.5	2	0.5	3	0.201787	83.33%
2.5	2	0.5	4	0.193187	83.33%
2.5	2	0.5	5	0.166381	83.33%
2.5	2	0.5	6	0.160566	73.33%
2.5	2	0.5	7	0.163745	80.00%
2.5	2	0.5	8	0.217	60.00%
2.5	2	0.5	9	0.194946	70.00%
2.5	2	0.5	10	0.180738	70.00%
2.5	2	0.5	11	0.19278	80.00%
2.5	2	0.5	12	0.219005	66.67%
2.5	2	0.5	13	0.21104	80.00%
2.5	2	0.5	14	0.203016	50.00%
2.5	2	0.5	15	0.238377	66.67%
2.5	3	0.5	1	0.130223	76.67%
2.5	3	0.5	2	0.128509	80.00%
2.5	3	0.5	3	0.14082	76.67%
2.5	3	0.5	4	0.152125	76.67%
2.5	3	0.5	5	0.110459	83.33%
2.5	3	0.5	6	0.14627	76.67%
2.5	3	0.5	7	0.132523	80.00%
2.5	3	0.5	8	0.175299	76.67%
2.5	3	0.5	9	0.140025	73.33%
2.5	3	0.5	10	0.120797	86.67%
2.5	3	0.5	11	0.109676	80.00%
2.5	3	0.5	12	0.154407	76.67%
2.5	3	0.5	13	0.128117	73.33%
2.5	3	0.5	14	0.164078	70.00%
2.5	3	0.5	15	0.167276	70.00%
3	1	0.5	1	0.044673	86.67%
3	1	0.5	2	0.082309	83.33%
3	1	0.5	3	0.154137	86.67%
3	1	0.5	4	0.042775	90.00%
3	1	0.5	5	0.023931	90.00%
3	1	0.5	6	0.047013	76.67%
3	1	0.5	7	0.13349	83.33%

3	1	0.5	8	0.054618	90.00%
3	1	0.5	9	0.042589	50.00%
3	1	0.5	10	0.043137	86.67%
3	1	0.5	11	0.046518	76.67%
3	1	0.5	12	0.141265	83.33%
3	1	0.5	13	0.059348	90.00%
3	1	0.5	14	0.051014	86.67%
3	1	0.5	15	0.030119	90.00%
3	2	0.5	1	0.12774	83.33%
3	2	0.5	2	0.1483	26.67%
3	2	0.5	3	0.147739	83.33%
3	2	0.5	4	0.146155	70.00%
3	2	0.5	5	0.122446	83.33%
3	2	0.5	6	0.119365	83.33%
3	2	0.5	7	0.125475	80.00%
3	2	0.5	8	0.173488	76.67%
3	2	0.5	9	0.163975	66.67%
3	2	0.5	10	0.14674	83.33%
3	2	0.5	11	0.16082	83.33%
3	2	0.5	12	0.143568	83.33%
3	2	0.5	13	0.145324	80.00%
3	2	0.5	14	0.13922	76.67%
3	2	0.5	15	0.143393	83.33%
3	3	0.5	1	0.106687	80.00%
3	3	0.5	2	0.0959	80.00%
3	3	0.5	3	0.101223	80.00%
3	3	0.5	4	0.083989	83.33%
3	3	0.5	5	0.077057	80.00%
3	3	0.5	6	0.072817	86.67%
3	3	0.5	7	0.117713	86.67%
3	3	0.5	8	0.098799	80.00%
3	3	0.5	9	0.099388	83.33%
3	3	0.5	10	0.128357	80.00%
3	3	0.5	11	0.087884	76.67%
3	3	0.5	12	0.071313	66.67%
3	3	0.5	13	0.103772	83.33%
3	3	0.5	14	0.174363	83.33%
3	3	0.5	15	0.096014	83.33%
0.5	1	0.75	1	7.04%	86.67%

0.5	1	0.75	2	7.82%	76.67%
0.5	1	0.75	3	18.78%	83.33%
0.5	1	0.75	4	13.95%	86.67%
0.5	1	0.75	5	14.69%	83.33%
0.5	1	0.75	6	17.15%	70.00%
0.5	1	0.75	7	5.14%	73.33%
0.5	1	0.75	8	18.11%	76.67%
0.5	1	0.75	9	14.90%	80.00%
0.5	1	0.75	10	6.01%	90.00%
0.5	1	0.75	11	18.32%	83.33%
0.5	1	0.75	12	13.91%	86.67%
0.5	1	0.75	13	15.57%	86.67%
0.5	1	0.75	14	4.34%	86.67%
0.5	1	0.75	15	15.50%	80.00%
0.5	2	0.75	1	41.88%	13.33%
0.5	2	0.75	2	12.48%	16.67%
0.5	2	0.75	3	39.50%	23.33%
0.5	2	0.75	4	17.19%	6.67%
0.5	2	0.75	5	29.62%	16.67%
0.5	2	0.75	6	16.35%	6.67%
0.5	2	0.75	7	28.86%	16.67%
0.5	2	0.75	8	33.15%	20.00%
0.5	2	0.75	9	13.51%	6.67%
0.5	2	0.75	10	16.29%	16.67%
0.5	2	0.75	11	15.75%	16.67%
0.5	2	0.75	12	13.81%	16.67%
0.5	2	0.75	13	13.25%	16.67%
0.5	2	0.75	14	20.13%	16.67%
0.5	2	0.75	15	23.59%	20.00%
0.5	3	0.75	1	27.56%	13.33%
0.5	3	0.75	2	27.02%	10.00%
0.5	3	0.75	3	26.42%	16.67%
0.5	3	0.75	4	24.07%	20.00%
0.5	3	0.75	5	24.78%	10.00%
0.5	3	0.75	6	16.23%	20.00%
0.5	3	0.75	7	14.59%	16.67%
0.5	3	0.75	8	17.78%	20.00%
0.5	3	0.75	9	23.47%	16.67%
0.5	3	0.75	10	21.27%	20.00%

0.5	3	0.75	11	13.68%	16.67%
0.5	3	0.75	12	20.48%	16.67%
0.5	3	0.75	13	21.02%	20.00%
0.5	3	0.75	14	18.93%	20.00%
0.5	3	0.75	15	41.47%	16.67%
1	1	0.75	1	5.48%	90.00%
1	1	0.75	2	14.16%	86.67%
1	1	0.75	3	10.99%	76.67%
1	1	0.75	4	12.50%	86.67%
1	1	0.75	5	14.45%	83.33%
1	1	0.75	6	5.05%	43.33%
1	1	0.75	7	15.91%	86.67%
1	1	0.75	8	13.17%	86.67%
1	1	0.75	9	15.99%	90.00%
1	1	0.75	10	4.85%	90.00%
1	1	0.75	11	20.82%	76.67%
1	1	0.75	12	7.48%	73.33%
1	1	0.75	13	16.31%	83.33%
1	1	0.75	14	5.64%	90.00%
1	1	0.75	15	17.49%	83.33%
1	2	0.75	1	21.25%	16.67%
1	2	0.75	2	25.58%	20.00%
1	2	0.75	3	22.70%	16.67%
1	2	0.75	4	13.25%	16.67%
1	2	0.75	5	25.36%	20.00%
1	2	0.75	6	17.89%	20.00%
1	2	0.75	7	23.78%	16.67%
1	2	0.75	8	17.70%	16.67%
1	2	0.75	9	34.30%	13.33%
1	2	0.75	10	42.38%	16.67%
1	2	0.75	11	13.10%	16.67%
1	2	0.75	12	12.01%	13.33%
1	2	0.75	13	24.31%	23.33%
1	2	0.75	14	17.32%	16.67%
1	2	0.75	15	34.85%	16.67%
1	3	0.75	1	27.47%	20.00%
1	3	0.75	2	21.45%	23.33%
1	3	0.75	3	22.82%	26.67%
1	3	0.75	4	13.36%	20.00%

1	3	0.75	5	17.79%	13.33%
1	3	0.75	6	30.44%	20.00%
1	3	0.75	7	21.93%	16.67%
1	3	0.75	8	14.44%	20.00%
1	3	0.75	9	17.92%	16.67%
1	3	0.75	10	13.55%	20.00%
1	3	0.75	11	23.63%	20.00%
1	3	0.75	12	25.75%	20.00%
1	3	0.75	13	25.40%	23.33%
1	3	0.75	14	29.98%	16.67%
1	3	0.75	15	33.24%	20.00%
2	1	0.75	1	12.12%	90.00%
2	1	0.75	2	13.82%	83.33%
2	1	0.75	3	17.67%	83.33%
2	1	0.75	4	6.03%	83.33%
2	1	0.75	5	17.93%	83.33%
2	1	0.75	6	7.56%	66.67%
2	1	0.75	7	12.79%	90.00%
2	1	0.75	8	5.77%	83.33%
2	1	0.75	9	12.46%	86.67%
2	1	0.75	10	4.81%	86.67%
2	1	0.75	11	7.54%	60.00%
2	1	0.75	12	5.52%	20.00%
2	1	0.75	13	7.95%	66.67%
2	1	0.75	14	9.70%	83.33%
2	1	0.75	15	15.34%	83.33%
2	2	0.75	1	23.04%	70.00%
2	2	0.75	2	24.20%	73.33%
2	2	0.75	3	34.38%	36.67%
2	2	0.75	4	23.28%	76.67%
2	2	0.75	5	21.31%	70.00%
2	2	0.75	6	22.36%	70.00%
2	2	0.75	7	22.82%	30.00%
2	2	0.75	8	37.37%	56.67%
2	2	0.75	9	24.76%	56.67%
2	2	0.75	10	26.06%	66.67%
2	2	0.75	11	21.24%	70.00%
2	2	0.75	12	20.48%	73.33%
2	2	0.75	13	26.83%	26.67%

2	2	0.75	14	19.28%	20.00%
2	2	0.75	15	30.69%	66.67%
2	3	0.75	1	17.93%	63.33%
2	3	0.75	2	15.16%	83.33%
2	3	0.75	3	18.02%	66.67%
2	3	0.75	4	19.25%	66.67%
2	3	0.75	5	15.11%	23.33%
2	3	0.75	6	15.73%	76.67%
2	3	0.75	7	16.59%	76.67%
2	3	0.75	8	13.87%	26.67%
2	3	0.75	9	17.46%	60.00%
2	3	0.75	10	16.42%	76.67%
2	3	0.75	11	15.49%	60.00%
2	3	0.75	12	12.61%	83.33%
2	3	0.75	13	19.85%	83.33%
2	3	0.75	14	17.75%	63.33%
2	3	0.75	15	18.07%	66.67%
2.5	1	0.75	1	5.28%	83.33%
2.5	1	0.75	2	6.04%	86.67%
2.5	1	0.75	3	22.14%	73.33%
2.5	1	0.75	4	4.85%	90.00%
2.5	1	0.75	5	6.82%	86.67%
2.5	1	0.75	6	5.86%	83.33%
2.5	1	0.75	7	4.80%	86.67%
2.5	1	0.75	8	8.42%	90.00%
2.5	1	0.75	9	16.67%	86.67%
2.5	1	0.75	10	3.81%	86.67%
2.5	1	0.75	11	18.77%	83.33%
2.5	1	0.75	12	8.89%	86.67%
2.5	1	0.75	13	11.94%	86.67%
2.5	1	0.75	14	10.02%	83.33%
2.5	1	0.75	15	11.80%	90.00%
2.5	2	0.75	1	15.91%	83.33%
2.5	2	0.75	2	19.50%	83.33%
2.5	2	0.75	3	16.51%	76.67%
2.5	2	0.75	4	21.54%	66.67%
2.5	2	0.75	5	17.93%	73.33%
2.5	2	0.75	6	17.67%	63.33%
2.5	2	0.75	7	16.56%	60.00%

2.5	2	0.75	8	21.21%	70.00%
2.5	2	0.75	9	18.53%	73.33%
2.5	2	0.75	10	20.08%	63.33%
2.5	2	0.75	11	17.58%	83.33%
2.5	2	0.75	12	21.25%	70.00%
2.5	2	0.75	13	20.81%	70.00%
2.5	2	0.75	14	18.69%	66.67%
2.5	2	0.75	15	17.58%	76.67%
2.5	3	0.75	1	11.76%	90.00%
2.5	3	0.75	2	13.48%	90.00%
2.5	3	0.75	3	12.01%	90.00%
2.5	3	0.75	4	12.92%	83.33%
2.5	3	0.75	5	15.79%	60.00%
2.5	3	0.75	6	11.88%	80.00%
2.5	3	0.75	7	16.43%	86.67%
2.5	3	0.75	8	20.37%	66.67%
2.5	3	0.75	9	12.52%	90.00%
2.5	3	0.75	10	14.27%	76.67%
2.5	3	0.75	11	9.73%	86.67%
2.5	3	0.75	12	11.49%	86.67%
2.5	3	0.75	13	12.35%	83.33%
2.5	3	0.75	14	12.84%	86.67%
2.5	3	0.75	15	14.43%	76.67%
3	1	0.75	1	6.94%	86.67%
3	1	0.75	2	9.65%	86.67%
3	1	0.75	3	5.05%	63.33%
3	1	0.75	4	3.58%	86.67%
3	1	0.75	5	9.09%	83.33%
3	1	0.75	6	7.47%	83.33%
3	1	0.75	7	11.37%	83.33%
3	1	0.75	8	4.60%	83.33%
3	1	0.75	9	14.62%	86.67%
3	1	0.75	10	2.65%	90.00%
3	1	0.75	11	15.80%	83.33%
3	1	0.75	12	5.08%	86.67%
3	1	0.75	13	5.95%	86.67%
3	1	0.75	14	4.77%	90.00%
3	1	0.75	15	8.17%	83.33%
3	2	0.75	1	11.27%	86.67%

3	2	0.75	2	12.50%	73.33%
3	2	0.75	3	15.58%	90.00%
3	2	0.75	4	14.08%	86.67%
3	2	0.75	5	10.26%	83.33%
3	2	0.75	6	13.58%	86.67%
3	2	0.75	7	8.93%	86.67%
3	2	0.75	8	14.86%	76.67%
3	2	0.75	9	14.23%	86.67%
3	2	0.75	10	16.82%	70.00%
3	2	0.75	11	13.15%	83.33%
3	2	0.75	12	13.68%	86.67%
3	2	0.75	13	12.52%	86.67%
3	2	0.75	14	10.84%	76.67%
3	2	0.75	15	15.50%	86.67%
3	3	0.75	1	10.58%	90.00%
3	3	0.75	2	9.48%	86.67%
3	3	0.75	3	11.26%	86.67%
3	3	0.75	4	9.73%	53.33%
3	3	0.75	5	9.90%	86.67%
3	3	0.75	6	9.36%	80.00%
3	3	0.75	7	9.62%	86.67%
3	3	0.75	8	11.20%	86.67%
3	3	0.75	9	9.32%	86.67%
3	3	0.75	10	9.89%	90.00%
3	3	0.75	11	9.45%	83.33%
3	3	0.75	12	9.71%	83.33%
3	3	0.75	13	7.72%	83.33%
3	3	0.75	14	9.42%	86.67%
3	3	0.75	15	11.16%	90.00%

The table below shows the average $RGap(t)$ function and the GEH, when the proportional route choice was used and the average of all the replications of the same experiment was applied.

Alpha Factor	InitialK-SP	Lambda	AVG RGAP	AVG GEH
0.5	1	0.25	10.57%	80.22%
0.5	2	0.25	19.42%	14.00%
0.5	3	0.25	20.65%	15.56%

1.0	1	0.25	11.34%	78.89%
1.0	2	0.25	19.06%	14.89%
1.0	3	0.25	20.86%	20.22%
2.0	1	0.25	9.59%	80.44%
2.0	2	0.25	28.86%	68.44%
2.0	3	0.25	19.74%	66.67%
2.5	1	0.25	6.33%	81.11%
2.5	2	0.25	19.99%	72.22%
2.5	3	0.25	14.07%	80.00%
3.0	1	0.25	9.15%	86.00%
3.0	2	0.25	16.11%	75.11%
3.0	3	0.25	11.01%	85.56%
0.5	1	0.50	12.08%	70.00%
0.5	2	0.50	21.19%	16.22%
0.5	3	0.50	16.07%	16.89%
1.0	1	0.50	10.38%	75.33%
1.0	2	0.50	22.11%	16.89%
1.0	3	0.50	18.71%	18.89%
2.0	1	0.50	8.95%	83.33%
2.0	2	0.50	26.33%	49.56%
2.0	3	0.50	18.41%	59.11%
2.5	1	0.50	7.98%	74.67%
2.5	2	0.50	19.38%	73.56%
2.5	3	0.50	14.00%	77.11%
3.0	1	0.50	6.65%	83.33%
3.0	2	0.50	14.36%	76.22%
3.0	3	0.50	10.10%	80.89%
0.5	1	0.75	12.75%	82.00%
0.5	2	0.75	22.36%	15.33%
0.5	3	0.75	22.58%	16.89%
1.0	1	0.75	12.02%	81.78%
1.0	2	0.75	23.05%	17.33%
1.0	3	0.75	22.61%	19.78%
2.0	1	0.75	10.47%	76.67%
2.0	2	0.75	25.21%	57.56%
2.0	3	0.75	16.62%	65.11%
2.5	1	0.75	9.74%	85.56%
2.5	2	0.75	18.76%	72.00%
2.5	3	0.75	13.48%	82.22%

3.0	1	0.75	7.65%	84.22%
3.0	2	0.75	13.19%	83.11%
3.0	3	0.75	9.85%	84.00%

12.2 LOGIT ROUTE CHOICE MODEL

The average $RGap(t)$ function and the GEH of all the replications, when the logit route choice was used, are featured in the table below.

ScaleFactor	InitialK-SP	Lambda	NumReplicat	AvgRGAP	AvgGEHPer
10	1	0.25	1	0.174906	83.33%
10	1	0.25	2	0.125946	83.33%
10	1	0.25	3	0.041119	90.00%
10	1	0.25	4	0.037985	86.67%
10	1	0.25	5	0.187158	80.00%
10	1	0.25	6	0.156284	80.00%
10	1	0.25	7	0.05669	40.00%
10	1	0.25	8	0.055813	86.67%
10	1	0.25	9	0.196056	80.00%
10	1	0.25	10	0.143032	86.67%
10	1	0.25	11	0.060113	90.00%
10	1	0.25	12	0.075299	86.67%
10	1	0.25	13	0.053873	86.67%
10	1	0.25	14	0.061648	63.33%
10	1	0.25	15	0.054084	90.00%
10	2	0.25	1	0.276661	26.67%
10	2	0.25	2	0.166559	13.33%
10	2	0.25	3	0.341388	56.67%
10	2	0.25	4	0.183607	20.00%
10	2	0.25	5	0.262457	33.33%
10	2	0.25	6	0.241147	63.33%
10	2	0.25	7	0.309402	66.67%
10	2	0.25	8	0.456558	23.33%
10	2	0.25	9	0.317735	40.00%
10	2	0.25	10	0.284919	60.00%
10	2	0.25	11	0.31218	60.00%
10	2	0.25	12	0.213992	13.33%
10	2	0.25	13	0.305921	70.00%
10	2	0.25	14	0.199575	20.00%

10	2	0.25	15	0.232793	20.00%
10	3	0.25	1	0.206068	23.33%
10	3	0.25	2	0.249579	76.67%
10	3	0.25	3	0.247393	56.67%
10	3	0.25	4	0.240536	66.67%
10	3	0.25	5	0.251713	60.00%
10	3	0.25	6	0.271177	66.67%
10	3	0.25	7	0.267554	53.33%
10	3	0.25	8	0.245317	66.67%
10	3	0.25	9	0.206777	60.00%
10	3	0.25	10	0.235985	56.67%
10	3	0.25	11	0.227688	63.33%
10	3	0.25	12	0.254023	60.00%
10	3	0.25	13	0.240297	63.33%
10	3	0.25	14	0.248703	66.67%
10	3	0.25	15	0.225626	23.33%
60	1	0.25	1	0.050599	86.67%
60	1	0.25	2	0.063487	86.67%
60	1	0.25	3	0.05093	86.67%
60	1	0.25	4	0.043034	83.33%
60	1	0.25	5	0.068023	83.33%
60	1	0.25	6	0.04396	83.33%
60	1	0.25	7	0.07958	90.00%
60	1	0.25	8	0.077781	90.00%
60	1	0.25	9	0.070468	86.67%
60	1	0.25	10	0.052434	86.67%
60	1	0.25	11	0.057643	90.00%
60	1	0.25	12	0.043182	83.33%
60	1	0.25	13	0.052962	86.67%
60	1	0.25	14	0.059105	83.33%
60	1	0.25	15	0.044461	86.67%
60	2	0.25	1	0.093102	83.33%
60	2	0.25	2	0.062179	83.33%
60	2	0.25	3	0.04398	83.33%
60	2	0.25	4	0.038295	86.67%
60	2	0.25	5	0.063284	83.33%
60	2	0.25	6	0.064212	83.33%
60	2	0.25	7	0.081764	83.33%
60	2	0.25	8	0.034407	83.33%

60	2	0.25	9	0.070188	90.00%
60	2	0.25	10	0.061658	83.33%
60	2	0.25	11	0.060932	83.33%
60	2	0.25	12	0.067962	83.33%
60	2	0.25	13	0.088733	83.33%
60	2	0.25	14	0.032406	83.33%
60	2	0.25	15	0.078529	86.67%
60	3	0.25	1	0.052467	83.33%
60	3	0.25	2	0.036363	83.33%
60	3	0.25	3	0.072812	86.67%
60	3	0.25	4	0.062641	83.33%
60	3	0.25	5	0.076621	86.67%
60	3	0.25	6	0.086545	83.33%
60	3	0.25	7	0.058197	83.33%
60	3	0.25	8	0.073632	83.33%
60	3	0.25	9	0.085296	83.33%
60	3	0.25	10	0.055675	86.67%
60	3	0.25	11	0.052667	86.67%
60	3	0.25	12	0.084741	80.00%
60	3	0.25	13	0.080499	83.33%
60	3	0.25	14	0.069847	86.67%
60	3	0.25	15	0.051038	83.33%
100	1	0.25	1	0.045264	83.33%
100	1	0.25	2	0.070907	86.67%
100	1	0.25	3	0.052633	86.67%
100	1	0.25	4	0.059242	86.67%
100	1	0.25	5	0.070243	83.33%
100	1	0.25	6	0.075425	83.33%
100	1	0.25	7	0.075864	86.67%
100	1	0.25	8	0.0489	86.67%
100	1	0.25	9	0.078516	90.00%
100	1	0.25	10	0.071681	83.33%
100	1	0.25	11	0.038183	83.33%
100	1	0.25	12	0.051746	83.33%
100	1	0.25	13	0.035456	86.67%
100	1	0.25	14	0.043256	56.67%
100	1	0.25	15	0.047238	86.67%
100	2	0.25	1	0.077719	83.33%
100	2	0.25	2	0.03926	83.33%

100	2	0.25	3	0.067436	86.67%
100	2	0.25	4	0.053534	83.33%
100	2	0.25	5	0.044577	83.33%
100	2	0.25	6	0.073449	86.67%
100	2	0.25	7	0.071313	83.33%
100	2	0.25	8	0.070312	80.00%
100	2	0.25	9	0.067018	83.33%
100	2	0.25	10	0.081709	86.67%
100	2	0.25	11	0.065163	86.67%
100	2	0.25	12	0.068294	83.33%
100	2	0.25	13	0.059003	83.33%
100	2	0.25	14	0.045665	83.33%
100	2	0.25	15	0.038469	86.67%
100	3	0.25	1	0.090718	83.33%
100	3	0.25	2	0.051349	83.33%
100	3	0.25	3	0.072112	83.33%
100	3	0.25	4	0.062748	83.33%
100	3	0.25	5	0.07148	86.67%
100	3	0.25	6	0.053902	83.33%
100	3	0.25	7	0.05653	83.33%
100	3	0.25	8	0.07459	83.33%
100	3	0.25	9	0.04233	83.33%
100	3	0.25	10	0.056634	86.67%
100	3	0.25	11	0.078257	83.33%
100	3	0.25	12	0.044665	80.00%
100	3	0.25	13	0.068667	83.33%
100	3	0.25	14	0.061951	83.33%
100	3	0.25	15	0.084347	83.33%
10	1	0.5	1	0.042347	86.67%
10	1	0.5	2	0.131624	83.33%
10	1	0.5	3	0.170131	83.33%
10	1	0.5	4	0.040822	86.67%
10	1	0.5	5	0.047548	90.00%
10	1	0.5	6	0.036729	86.67%
10	1	0.5	7	0.145608	83.33%
10	1	0.5	8	0.17794	83.33%
10	1	0.5	9	0.122845	83.33%
10	1	0.5	10	0.050524	86.67%
10	1	0.5	11	0.177224	83.33%

10	1	0.5	12	0.058883	86.67%
10	1	0.5	13	0.055562	46.67%
10	1	0.5	14	0.048012	83.33%
10	1	0.5	15	0.139066	90.00%
10	2	0.5	1	0.356985	63.33%
10	2	0.5	2	0.273347	63.33%
10	2	0.5	3	0.325878	56.67%
10	2	0.5	4	0.318545	63.33%
10	2	0.5	5	0.232103	23.33%
10	2	0.5	6	0.339636	53.33%
10	2	0.5	7	0.26878	36.67%
10	2	0.5	8	0.134868	16.67%
10	2	0.5	9	0.156381	16.67%
10	2	0.5	10	0.116661	16.67%
10	2	0.5	11	0.342474	66.67%
10	2	0.5	12	0.348071	63.33%
10	2	0.5	13	0.279647	53.33%
10	2	0.5	14	0.169631	16.67%
10	2	0.5	15	0.259226	23.33%
10	3	0.5	1	0.250417	66.67%
10	3	0.5	2	0.219613	60.00%
10	3	0.5	3	0.19749	53.33%
10	3	0.5	4	0.137316	20.00%
10	3	0.5	5	0.225857	63.33%
10	3	0.5	6	0.276322	56.67%
10	3	0.5	7	0.228292	66.67%
10	3	0.5	8	0.235398	63.33%
10	3	0.5	9	0.175344	23.33%
10	3	0.5	10	0.165893	20.00%
10	3	0.5	11	0.228795	63.33%
10	3	0.5	12	0.205593	66.67%
10	3	0.5	13	0.302719	60.00%
10	3	0.5	14	0.274823	56.67%
10	3	0.5	15	0.237002	63.33%
60	1	0.5	1	0.029674	86.67%
60	1	0.5	2	0.038171	90.00%
60	1	0.5	3	0.053118	86.67%
60	1	0.5	4	0.037756	86.67%
60	1	0.5	5	0.041879	86.67%

60	1	0.5	6	0.040286	90.00%
60	1	0.5	7	0.036806	86.67%
60	1	0.5	8	0.035922	86.67%
60	1	0.5	9	0.036542	90.00%
60	1	0.5	10	0.039732	90.00%
60	1	0.5	11	0.092906	90.00%
60	1	0.5	12	0.034477	86.67%
60	1	0.5	13	0.038044	86.67%
60	1	0.5	14	0.072361	86.67%
60	1	0.5	15	0.02519	86.67%
60	2	0.5	1	0.070281	83.33%
60	2	0.5	2	0.044915	86.67%
60	2	0.5	3	0.041343	83.33%
60	2	0.5	4	0.043124	83.33%
60	2	0.5	5	0.057157	86.67%
60	2	0.5	6	0.047213	83.33%
60	2	0.5	7	0.066166	86.67%
60	2	0.5	8	0.045652	86.67%
60	2	0.5	9	0.051211	86.67%
60	2	0.5	10	0.048175	86.67%
60	2	0.5	11	0.037135	83.33%
60	2	0.5	12	0.032449	83.33%
60	2	0.5	13	0.052831	86.67%
60	2	0.5	14	0.041859	86.67%
60	2	0.5	15	0.056488	83.33%
60	3	0.5	1	0.035378	83.33%
60	3	0.5	2	0.048079	83.33%
60	3	0.5	3	0.029271	83.33%
60	3	0.5	4	0.038896	86.67%
60	3	0.5	5	0.051924	83.33%
60	3	0.5	6	0.052457	83.33%
60	3	0.5	7	0.066846	83.33%
60	3	0.5	8	0.052621	86.67%
60	3	0.5	9	0.054365	83.33%
60	3	0.5	10	0.064769	83.33%
60	3	0.5	11	0.029759	83.33%
60	3	0.5	12	0.031713	83.33%
60	3	0.5	13	0.047732	83.33%
60	3	0.5	14	0.038871	83.33%

60	3	0.5	15	0.026396	83.33%
100	1	0.5	1	0.048741	86.67%
100	1	0.5	2	0.032685	86.67%
100	1	0.5	3	0.029824	86.67%
100	1	0.5	4	0.053298	86.67%
100	1	0.5	5	0.059574	86.67%
100	1	0.5	6	0.051512	90.00%
100	1	0.5	7	0.045399	90.00%
100	1	0.5	8	0.038314	90.00%
100	1	0.5	9	0.039551	86.67%
100	1	0.5	10	0.047062	90.00%
100	1	0.5	11	0.047965	86.67%
100	1	0.5	12	0.034876	90.00%
100	1	0.5	13	0.059613	90.00%
100	1	0.5	14	0.024596	86.67%
100	1	0.5	15	0.041326	90.00%
100	2	0.5	1	0.032181	83.33%
100	2	0.5	2	0.046793	83.33%
100	2	0.5	3	0.041611	83.33%
100	2	0.5	4	0.041706	83.33%
100	2	0.5	5	0.032182	86.67%
100	2	0.5	6	0.044227	83.33%
100	2	0.5	7	0.050477	83.33%
100	2	0.5	8	0.05517	83.33%
100	2	0.5	9	0.05624	83.33%
100	2	0.5	10	0.053811	56.67%
100	2	0.5	11	0.046691	83.33%
100	2	0.5	12	0.035115	83.33%
100	2	0.5	13	0.052323	83.33%
100	2	0.5	14	0.040765	56.67%
100	2	0.5	15	0.058314	86.67%
100	3	0.5	1	0.046801	60.00%
100	3	0.5	2	0.051965	83.33%
100	3	0.5	3	0.034164	83.33%
100	3	0.5	4	0.050117	83.33%
100	3	0.5	5	0.053164	83.33%
100	3	0.5	6	0.061417	86.67%
100	3	0.5	7	0.051901	83.33%
100	3	0.5	8	0.053601	86.67%

100	3	0.5	9	0.045284	83.33%
100	3	0.5	10	0.057212	83.33%
100	3	0.5	11	0.022934	83.33%
100	3	0.5	12	0.040324	83.33%
100	3	0.5	13	0.055425	80.00%
100	3	0.5	14	0.050677	83.33%
100	3	0.5	15	0.035615	83.33%
10	1	0.75	1	0.10509	86.67%
10	1	0.75	2	0.15703	83.33%
10	1	0.75	3	0.149734	83.33%
10	1	0.75	4	0.04485	86.67%
10	1	0.75	5	0.060851	73.33%
10	1	0.75	6	0.035708	86.67%
10	1	0.75	7	0.160397	80.00%
10	1	0.75	8	0.079234	86.67%
10	1	0.75	9	0.193986	83.33%
10	1	0.75	10	0.056399	90.00%
10	1	0.75	11	0.165484	86.67%
10	1	0.75	12	0.046273	86.67%
10	1	0.75	13	0.139671	86.67%
10	1	0.75	14	0.161885	86.67%
10	1	0.75	15	0.048601	86.67%
10	2	0.75	1	0.313758	23.33%
10	2	0.75	2	0.290755	66.67%
10	2	0.75	3	0.192243	40.00%
10	2	0.75	4	0.231296	46.67%
10	2	0.75	5	0.317274	13.33%
10	2	0.75	6	0.258878	23.33%
10	2	0.75	7	0.287256	20.00%
10	2	0.75	8	0.343634	13.33%
10	2	0.75	9	0.263251	23.33%
10	2	0.75	10	0.305078	63.33%
10	2	0.75	11	0.369606	66.67%
10	2	0.75	12	0.409968	30.00%
10	2	0.75	13	0.299269	66.67%
10	2	0.75	14	0.226349	23.33%
10	2	0.75	15	0.179563	26.67%
10	3	0.75	1	0.212521	53.33%
10	3	0.75	2	0.144824	20.00%

10	3	0.75	3	0.166011	20.00%
10	3	0.75	4	0.236696	66.67%
10	3	0.75	5	0.175008	23.33%
10	3	0.75	6	0.232018	60.00%
10	3	0.75	7	0.216842	56.67%
10	3	0.75	8	0.215705	26.67%
10	3	0.75	9	0.165033	20.00%
10	3	0.75	10	0.203249	20.00%
10	3	0.75	11	0.208565	50.00%
10	3	0.75	12	0.188487	23.33%
10	3	0.75	13	0.22158	66.67%
10	3	0.75	14	0.250178	56.67%
10	3	0.75	15	0.27762	50.00%
60	1	0.75	1	0.033098	86.67%
60	1	0.75	2	0.043405	86.67%
60	1	0.75	3	0.048752	86.67%
60	1	0.75	4	0.043988	86.67%
60	1	0.75	5	0.05341	83.33%
60	1	0.75	6	0.050868	83.33%
60	1	0.75	7	0.054829	86.67%
60	1	0.75	8	0.048403	90.00%
60	1	0.75	9	0.053545	60.00%
60	1	0.75	10	0.019129	90.00%
60	1	0.75	11	0.076909	86.67%
60	1	0.75	12	0.045613	86.67%
60	1	0.75	13	0.100328	86.67%
60	1	0.75	14	0.039122	83.33%
60	1	0.75	15	0.052124	86.67%
60	2	0.75	1	0.04036	83.33%
60	2	0.75	2	0.043835	86.67%
60	2	0.75	3	0.040935	86.67%
60	2	0.75	4	0.050903	83.33%
60	2	0.75	5	0.046129	83.33%
60	2	0.75	6	0.04424	83.33%
60	2	0.75	7	0.072567	86.67%
60	2	0.75	8	0.057403	86.67%
60	2	0.75	9	0.062197	86.67%
60	2	0.75	10	0.066216	83.33%
60	2	0.75	11	0.041486	86.67%

60	2	0.75	12	0.042139	83.33%
60	2	0.75	13	0.055715	86.67%
60	2	0.75	14	0.053212	83.33%
60	2	0.75	15	0.041363	86.67%
60	3	0.75	1	0.053026	83.33%
60	3	0.75	2	0.050128	86.67%
60	3	0.75	3	0.047709	83.33%
60	3	0.75	4	0.049767	86.67%
60	3	0.75	5	0.043195	83.33%
60	3	0.75	6	0.052444	83.33%
60	3	0.75	7	0.043822	83.33%
60	3	0.75	8	0.026138	83.33%
60	3	0.75	9	0.067364	83.33%
60	3	0.75	10	0.050536	86.67%
60	3	0.75	11	0.040858	83.33%
60	3	0.75	12	0.045219	83.33%
60	3	0.75	13	0.05829	83.33%
60	3	0.75	14	0.04659	83.33%
60	3	0.75	15	0.050832	86.67%
100	1	0.75	1	0.049609	90.00%
100	1	0.75	2	0.047315	63.33%
100	1	0.75	3	0.053411	86.67%
100	1	0.75	4	0.027118	86.67%
100	1	0.75	5	0.069046	86.67%
100	1	0.75	6	0.047092	83.33%
100	1	0.75	7	0.05358	83.33%
100	1	0.75	8	0.044474	86.67%
100	1	0.75	9	0.037327	83.33%
100	1	0.75	10	0.040865	86.67%
100	1	0.75	11	0.04694	86.67%
100	1	0.75	12	0.037599	83.33%
100	1	0.75	13	0.034347	86.67%
100	1	0.75	14	0.082338	86.67%
100	1	0.75	15	0.035281	86.67%
100	2	0.75	1	0.050559	80.00%
100	2	0.75	2	0.043599	86.67%
100	2	0.75	3	0.041905	83.33%
100	2	0.75	4	0.046044	80.00%
100	2	0.75	5	0.058096	80.00%

100	2	0.75	6	0.048553	80.00%
100	2	0.75	7	0.042114	83.33%
100	2	0.75	8	0.053514	83.33%
100	2	0.75	9	0.061693	86.67%
100	2	0.75	10	0.06214	80.00%
100	2	0.75	11	0.040019	80.00%
100	2	0.75	12	0.045224	80.00%
100	2	0.75	13	0.051384	80.00%
100	2	0.75	14	0.032494	80.00%
100	2	0.75	15	0.061323	83.33%
100	3	0.75	1	0.051158	80.00%
100	3	0.75	2	0.038818	83.33%
100	3	0.75	3	0.045186	80.00%
100	3	0.75	4	0.038168	80.00%
100	3	0.75	5	0.041708	83.33%
100	3	0.75	6	0.0401	80.00%
100	3	0.75	7	0.056032	83.33%
100	3	0.75	8	0.046178	80.00%
100	3	0.75	9	0.041603	86.67%
100	3	0.75	10	0.043955	83.33%
100	3	0.75	11	0.03516	83.33%
100	3	0.75	12	0.033793	83.33%
100	3	0.75	13	0.044924	86.67%
100	3	0.75	14	0.034461	83.33%
100	3	0.75	15	0.040965	83.33%

The table below shows the average $RGap(t)$ function and the GEH, when the logit route choice was used and the average of all the replications of the same experiment was applied.

ScaleFactor	InitialK-SP	Lambda	AvgRGAP	AvgGEHPer
10	1	0.25	9.87%	80.89%
10	2	0.25	27.37%	39.11%
10	3	0.25	24.12%	57.56%
60	1	0.25	5.72%	86.22%
60	2	0.25	6.28%	84.22%
60	3	0.25	6.66%	84.22%
100	1	0.25	5.76%	83.56%

100	2	0.25	6.15%	84.22%
100	3	0.25	6.47%	83.56%
10	1	0.50	9.63%	82.89%
10	2	0.50	26.15%	42.22%
10	3	0.50	22.41%	53.56%
60	1	0.50	4.35%	87.78%
60	2	0.50	4.91%	85.11%
60	3	0.50	4.46%	83.78%
100	1	0.50	4.36%	88.22%
100	2	0.50	4.58%	80.22%
100	3	0.50	4.74%	82.00%
10	1	0.75	10.70%	84.89%
10	2	0.75	28.59%	36.44%
10	3	0.75	20.76%	40.89%
60	1	0.75	5.09%	84.67%
60	2	0.75	5.06%	85.11%
60	3	0.75	4.84%	84.22%
100	1	0.75	4.71%	84.44%
100	2	0.75	4.92%	81.78%
100	3	0.75	4.21%	82.67%

12.3 C-LOGIT ROUTE CHOICE MODEL

The average $RGap(t)$ function and GEH of all the replications when the C-logit route choice was used are shown in the table below.

ScaleFactor	InitialK-SP	Beta	Gamma	Lambda	NumReplicat	AvgRGAP	AVGGEHPer
10	1	0.1	1	0.25	1	16.25%	80.00%
10	1	0.1	1	0.25	2	16.90%	83.33%
10	1	0.1	1	0.25	3	6.67%	90.00%
10	1	0.1	1	0.25	4	4.82%	86.67%
10	1	0.1	1	0.25	5	22.18%	80.00%
10	1	0.1	1	0.25	6	21.17%	83.33%
10	1	0.1	1	0.25	7	14.74%	80.00%
10	1	0.1	1	0.25	8	3.91%	86.67%
10	1	0.1	1	0.25	9	18.24%	73.33%
10	1	0.1	1	0.25	10	16.03%	83.33%
10	1	0.1	1	0.25	11	14.73%	86.67%
10	1	0.1	1	0.25	12	10.39%	86.67%
10	1	0.1	1	0.25	13	4.22%	86.67%

10	1	0.1	1	0.25	14	16.29%	83.33%
10	1	0.1	1	0.25	15	5.75%	86.67%
10	1	0.15	1	0.25	1	18.58%	83.33%
10	1	0.15	1	0.25	2	6.10%	86.67%
10	1	0.15	1	0.25	3	9.38%	90.00%
10	1	0.15	1	0.25	4	6.15%	83.33%
10	1	0.15	1	0.25	5	15.19%	76.67%
10	1	0.15	1	0.25	6	5.62%	46.67%
10	1	0.15	1	0.25	7	14.70%	83.33%
10	1	0.15	1	0.25	8	11.75%	90.00%
10	1	0.15	1	0.25	9	5.07%	46.67%
10	1	0.15	1	0.25	10	19.06%	76.67%
10	1	0.15	1	0.25	11	4.87%	86.67%
10	1	0.15	1	0.25	12	7.39%	83.33%
10	1	0.15	1	0.25	13	7.24%	86.67%
10	1	0.15	1	0.25	14	17.24%	86.67%
10	1	0.15	1	0.25	15	3.43%	83.33%
10	1	0.5	1	0.25	1	19.80%	80.00%
10	1	0.5	1	0.25	2	12.43%	76.67%
10	1	0.5	1	0.25	3	6.02%	90.00%
10	1	0.5	1	0.25	4	5.06%	86.67%
10	1	0.5	1	0.25	5	18.76%	80.00%
10	1	0.5	1	0.25	6	17.28%	83.33%
10	1	0.5	1	0.25	7	3.72%	50.00%
10	1	0.5	1	0.25	8	4.98%	90.00%
10	1	0.5	1	0.25	9	4.73%	53.33%
10	1	0.5	1	0.25	10	15.13%	83.33%
10	1	0.5	1	0.25	11	6.45%	90.00%
10	1	0.5	1	0.25	12	14.13%	80.00%
10	1	0.5	1	0.25	13	6.20%	20.00%
10	1	0.5	1	0.25	14	5.36%	43.33%
10	1	0.5	1	0.25	15	5.19%	86.67%
10	1	1	1	0.25	1	11.01%	76.67%
10	1	1	1	0.25	2	9.34%	83.33%
10	1	1	1	0.25	3	5.16%	90.00%
10	1	1	1	0.25	4	7.38%	86.67%
10	1	1	1	0.25	5	6.18%	43.33%
10	1	1	1	0.25	6	12.83%	80.00%
10	1	1	1	0.25	7	18.40%	80.00%

10	1	1	1	0.25	8	6.09%	90.00%
10	1	1	1	0.25	9	13.18%	76.67%
10	1	1	1	0.25	10	6.44%	40.00%
10	1	1	1	0.25	11	5.20%	83.33%
10	1	1	1	0.25	12	7.25%	80.00%
10	1	1	1	0.25	13	4.97%	40.00%
10	1	1	1	0.25	14	5.45%	90.00%
10	1	1	1	0.25	15	6.40%	90.00%
10	2	0.1	1	0.25	1	36.32%	63.33%
10	2	0.1	1	0.25	2	32.45%	56.67%
10	2	0.1	1	0.25	3	26.55%	63.33%
10	2	0.1	1	0.25	4	15.43%	23.33%
10	2	0.1	1	0.25	5	30.18%	33.33%
10	2	0.1	1	0.25	6	37.55%	66.67%
10	2	0.1	1	0.25	7	23.88%	26.67%
10	2	0.1	1	0.25	8	33.63%	20.00%
10	2	0.1	1	0.25	9	20.72%	20.00%
10	2	0.1	1	0.25	10	18.68%	26.67%
10	2	0.1	1	0.25	11	24.32%	20.00%
10	2	0.1	1	0.25	12	18.97%	23.33%
10	2	0.1	1	0.25	13	19.53%	30.00%
10	2	0.1	1	0.25	14	28.82%	20.00%
10	2	0.1	1	0.25	15	31.49%	26.67%
10	2	0.15	1	0.25	1	19.15%	36.67%
10	2	0.15	1	0.25	2	23.97%	40.00%
10	2	0.15	1	0.25	3	37.68%	63.33%
10	2	0.15	1	0.25	4	42.28%	60.00%
10	2	0.15	1	0.25	5	28.19%	60.00%
10	2	0.15	1	0.25	6	15.04%	23.33%
10	2	0.15	1	0.25	7	17.64%	26.67%
10	2	0.15	1	0.25	8	23.99%	16.67%
10	2	0.15	1	0.25	9	20.20%	20.00%
10	2	0.15	1	0.25	10	19.88%	16.67%
10	2	0.15	1	0.25	11	17.47%	20.00%
10	2	0.15	1	0.25	12	13.89%	16.67%
10	2	0.15	1	0.25	13	32.95%	66.67%
10	2	0.15	1	0.25	14	21.67%	23.33%
10	2	0.15	1	0.25	15	23.20%	13.33%
10	2	0.5	1	0.25	1	18.88%	20.00%

10	2	0.5	1	0.25	2	39.99%	23.33%
10	2	0.5	1	0.25	3	28.22%	16.67%
10	2	0.5	1	0.25	4	38.65%	26.67%
10	2	0.5	1	0.25	5	17.09%	20.00%
10	2	0.5	1	0.25	6	45.84%	56.67%
10	2	0.5	1	0.25	7	12.37%	23.33%
10	2	0.5	1	0.25	8	11.53%	20.00%
10	2	0.5	1	0.25	9	18.43%	13.33%
10	2	0.5	1	0.25	10	39.98%	16.67%
10	2	0.5	1	0.25	11	14.50%	23.33%
10	2	0.5	1	0.25	12	20.15%	13.33%
10	2	0.5	1	0.25	13	20.25%	23.33%
10	2	0.5	1	0.25	14	18.66%	20.00%
10	2	0.5	1	0.25	15	12.10%	20.00%
10	2	1	1	0.25	1	44.60%	13.33%
10	2	1	1	0.25	2	10.08%	6.67%
10	2	1	1	0.25	3	31.27%	10.00%
10	2	1	1	0.25	4	13.34%	6.67%
10	2	1	1	0.25	5	12.32%	6.67%
10	2	1	1	0.25	6	19.81%	16.67%
10	2	1	1	0.25	7	11.58%	20.00%
10	2	1	1	0.25	8	8.17%	6.67%
10	2	1	1	0.25	9	13.79%	6.67%
10	2	1	1	0.25	10	12.56%	10.00%
10	2	1	1	0.25	11	18.45%	3.33%
10	2	1	1	0.25	12	10.41%	6.67%
10	2	1	1	0.25	13	10.55%	3.33%
10	2	1	1	0.25	14	13.47%	6.67%
10	2	1	1	0.25	15	14.75%	3.33%
10	3	0.1	1	0.25	1	19.43%	23.33%
10	3	0.1	1	0.25	2	22.41%	33.33%
10	3	0.1	1	0.25	3	22.04%	63.33%
10	3	0.1	1	0.25	4	25.82%	60.00%
10	3	0.1	1	0.25	5	23.55%	63.33%
10	3	0.1	1	0.25	6	25.82%	63.33%
10	3	0.1	1	0.25	7	24.23%	53.33%
10	3	0.1	1	0.25	8	22.17%	63.33%
10	3	0.1	1	0.25	9	23.46%	56.67%
10	3	0.1	1	0.25	10	23.64%	56.67%

10	3	0.1	1	0.25	11	25.07%	53.33%
10	3	0.1	1	0.25	12	37.59%	76.67%
10	3	0.1	1	0.25	13	23.00%	66.67%
10	3	0.1	1	0.25	14	24.16%	60.00%
10	3	0.1	1	0.25	15	28.50%	63.33%
10	3	0.15	1	0.25	1	26.28%	56.67%
10	3	0.15	1	0.25	2	22.42%	63.33%
10	3	0.15	1	0.25	3	25.50%	60.00%
10	3	0.15	1	0.25	4	23.64%	60.00%
10	3	0.15	1	0.25	5	21.91%	60.00%
10	3	0.15	1	0.25	6	23.22%	36.67%
10	3	0.15	1	0.25	7	23.31%	60.00%
10	3	0.15	1	0.25	8	22.66%	23.33%
10	3	0.15	1	0.25	9	23.97%	63.33%
10	3	0.15	1	0.25	10	23.77%	20.00%
10	3	0.15	1	0.25	11	20.66%	60.00%
10	3	0.15	1	0.25	12	24.68%	63.33%
10	3	0.15	1	0.25	13	14.57%	20.00%
10	3	0.15	1	0.25	14	25.07%	63.33%
10	3	0.15	1	0.25	15	21.51%	30.00%
10	3	0.5	1	0.25	1	24.38%	23.33%
10	3	0.5	1	0.25	2	28.24%	66.67%
10	3	0.5	1	0.25	3	25.32%	60.00%
10	3	0.5	1	0.25	4	31.19%	46.67%
10	3	0.5	1	0.25	5	23.62%	16.67%
10	3	0.5	1	0.25	6	27.29%	23.33%
10	3	0.5	1	0.25	7	23.73%	23.33%
10	3	0.5	1	0.25	8	22.97%	20.00%
10	3	0.5	1	0.25	9	30.72%	50.00%
10	3	0.5	1	0.25	10	35.78%	56.67%
10	3	0.5	1	0.25	11	30.72%	53.33%
10	3	0.5	1	0.25	12	19.94%	23.33%
10	3	0.5	1	0.25	13	25.11%	30.00%
10	3	0.5	1	0.25	14	30.99%	50.00%
10	3	0.5	1	0.25	15	26.45%	20.00%
10	3	1	1	0.25	1	27.61%	16.67%
10	3	1	1	0.25	2	34.58%	20.00%
10	3	1	1	0.25	3	25.76%	20.00%
10	3	1	1	0.25	4	36.66%	16.67%

10	3	1	1	0.25	5	30.39%	16.67%
10	3	1	1	0.25	6	35.76%	40.00%
10	3	1	1	0.25	7	28.35%	23.33%
10	3	1	1	0.25	8	19.96%	6.67%
10	3	1	1	0.25	9	25.91%	20.00%
10	3	1	1	0.25	10	37.27%	20.00%
10	3	1	1	0.25	11	34.68%	23.33%
10	3	1	1	0.25	12	33.01%	26.67%
10	3	1	1	0.25	13	31.62%	26.67%
10	3	1	1	0.25	14	31.39%	23.33%
10	3	1	1	0.25	15	39.47%	53.33%
60	1	0.1	1	0.25	1	5.70%	90.00%
60	1	0.1	1	0.25	2	5.20%	90.00%
60	1	0.1	1	0.25	3	7.15%	86.67%
60	1	0.1	1	0.25	4	5.90%	90.00%
60	1	0.1	1	0.25	5	4.79%	86.67%
60	1	0.1	1	0.25	6	5.68%	86.67%
60	1	0.1	1	0.25	7	6.77%	90.00%
60	1	0.1	1	0.25	8	7.16%	86.67%
60	1	0.1	1	0.25	9	7.06%	90.00%
60	1	0.1	1	0.25	10	5.84%	90.00%
60	1	0.1	1	0.25	11	4.69%	86.67%
60	1	0.1	1	0.25	12	5.49%	86.67%
60	1	0.1	1	0.25	13	3.71%	90.00%
60	1	0.1	1	0.25	14	6.30%	90.00%
60	1	0.1	1	0.25	15	6.16%	90.00%
60	1	0.15	1	0.25	1	5.44%	90.00%
60	1	0.15	1	0.25	2	4.82%	86.67%
60	1	0.15	1	0.25	3	4.82%	86.67%
60	1	0.15	1	0.25	4	4.84%	86.67%
60	1	0.15	1	0.25	5	3.88%	90.00%
60	1	0.15	1	0.25	6	6.71%	86.67%
60	1	0.15	1	0.25	7	5.39%	86.67%
60	1	0.15	1	0.25	8	7.19%	90.00%
60	1	0.15	1	0.25	9	6.35%	93.33%
60	1	0.15	1	0.25	10	4.81%	86.67%
60	1	0.15	1	0.25	11	6.35%	86.67%
60	1	0.15	1	0.25	12	3.31%	56.67%
60	1	0.15	1	0.25	13	4.45%	86.67%

60	1	0.15	1	0.25	14	3.53%	86.67%
60	1	0.15	1	0.25	15	7.82%	93.33%
60	1	0.5	1	0.25	1	3.80%	90.00%
60	1	0.5	1	0.25	2	3.76%	90.00%
60	1	0.5	1	0.25	3	5.67%	90.00%
60	1	0.5	1	0.25	4	3.73%	90.00%
60	1	0.5	1	0.25	5	3.14%	86.67%
60	1	0.5	1	0.25	6	4.39%	93.33%
60	1	0.5	1	0.25	7	4.96%	80.00%
60	1	0.5	1	0.25	8	5.41%	90.00%
60	1	0.5	1	0.25	9	5.69%	86.67%
60	1	0.5	1	0.25	10	2.77%	86.67%
60	1	0.5	1	0.25	11	4.56%	73.33%
60	1	0.5	1	0.25	12	4.29%	50.00%
60	1	0.5	1	0.25	13	3.87%	86.67%
60	1	0.5	1	0.25	14	3.63%	93.33%
60	1	0.5	1	0.25	15	4.59%	90.00%
60	1	1	1	0.25	1	4.09%	90.00%
60	1	1	1	0.25	2	3.37%	86.67%
60	1	1	1	0.25	3	4.03%	73.33%
60	1	1	1	0.25	4	2.91%	86.67%
60	1	1	1	0.25	5	4.20%	86.67%
60	1	1	1	0.25	6	3.52%	86.67%
60	1	1	1	0.25	7	2.64%	80.00%
60	1	1	1	0.25	8	5.41%	90.00%
60	1	1	1	0.25	9	5.23%	86.67%
60	1	1	1	0.25	10	2.22%	83.33%
60	1	1	1	0.25	11	4.46%	90.00%
60	1	1	1	0.25	12	3.60%	76.67%
60	1	1	1	0.25	13	2.81%	90.00%
60	1	1	1	0.25	14	4.31%	86.67%
60	1	1	1	0.25	15	3.92%	83.33%
60	2	0.1	1	0.25	1	5.49%	83.33%
60	2	0.1	1	0.25	2	4.44%	83.33%
60	2	0.1	1	0.25	3	7.30%	83.33%
60	2	0.1	1	0.25	4	5.26%	60.00%
60	2	0.1	1	0.25	5	8.41%	83.33%
60	2	0.1	1	0.25	6	7.39%	83.33%
60	2	0.1	1	0.25	7	7.66%	86.67%

60	2	0.1	1	0.25	8	6.06%	73.33%
60	2	0.1	1	0.25	9	7.95%	86.67%
60	2	0.1	1	0.25	10	6.84%	83.33%
60	2	0.1	1	0.25	11	5.42%	83.33%
60	2	0.1	1	0.25	12	7.03%	83.33%
60	2	0.1	1	0.25	13	6.96%	86.67%
60	2	0.1	1	0.25	14	4.53%	83.33%
60	2	0.1	1	0.25	15	6.23%	83.33%
60	2	0.15	1	0.25	1	7.13%	83.33%
60	2	0.15	1	0.25	2	5.85%	80.00%
60	2	0.15	1	0.25	3	5.02%	76.67%
60	2	0.15	1	0.25	4	6.05%	83.33%
60	2	0.15	1	0.25	5	4.54%	83.33%
60	2	0.15	1	0.25	6	6.49%	83.33%
60	2	0.15	1	0.25	7	8.03%	83.33%
60	2	0.15	1	0.25	8	14.28%	86.67%
60	2	0.15	1	0.25	9	8.31%	83.33%
60	2	0.15	1	0.25	10	5.17%	83.33%
60	2	0.15	1	0.25	11	7.93%	83.33%
60	2	0.15	1	0.25	12	6.09%	83.33%
60	2	0.15	1	0.25	13	11.25%	83.33%
60	2	0.15	1	0.25	14	6.73%	83.33%
60	2	0.15	1	0.25	15	5.19%	83.33%
60	2	0.5	1	0.25	1	6.31%	76.67%
60	2	0.5	1	0.25	2	4.80%	83.33%
60	2	0.5	1	0.25	3	14.15%	50.00%
60	2	0.5	1	0.25	4	2.97%	76.67%
60	2	0.5	1	0.25	5	5.48%	80.00%
60	2	0.5	1	0.25	6	6.55%	53.33%
60	2	0.5	1	0.25	7	6.69%	83.33%
60	2	0.5	1	0.25	8	4.02%	83.33%
60	2	0.5	1	0.25	9	5.68%	66.67%
60	2	0.5	1	0.25	10	5.91%	53.33%
60	2	0.5	1	0.25	11	3.18%	36.67%
60	2	0.5	1	0.25	12	7.55%	83.33%
60	2	0.5	1	0.25	13	5.71%	46.67%
60	2	0.5	1	0.25	14	5.91%	83.33%
60	2	0.5	1	0.25	15	5.39%	83.33%
60	2	1	1	0.25	1	3.93%	83.33%

60	2	1	1	0.25	2	2.15%	83.33%
60	2	1	1	0.25	3	3.19%	76.67%
60	2	1	1	0.25	4	2.76%	83.33%
60	2	1	1	0.25	5	2.28%	76.67%
60	2	1	1	0.25	6	3.58%	83.33%
60	2	1	1	0.25	7	2.52%	83.33%
60	2	1	1	0.25	8	3.05%	83.33%
60	2	1	1	0.25	9	2.20%	76.67%
60	2	1	1	0.25	10	2.78%	76.67%
60	2	1	1	0.25	11	2.37%	83.33%
60	2	1	1	0.25	12	4.27%	83.33%
60	2	1	1	0.25	13	2.73%	83.33%
60	2	1	1	0.25	14	4.28%	83.33%
60	2	1	1	0.25	15	2.82%	83.33%
60	3	0.1	1	0.25	1	8.62%	86.67%
60	3	0.1	1	0.25	2	5.01%	83.33%
60	3	0.1	1	0.25	3	6.66%	83.33%
60	3	0.1	1	0.25	4	7.32%	83.33%
60	3	0.1	1	0.25	5	5.23%	83.33%
60	3	0.1	1	0.25	6	6.47%	76.67%
60	3	0.1	1	0.25	7	7.25%	83.33%
60	3	0.1	1	0.25	8	7.16%	46.67%
60	3	0.1	1	0.25	9	8.89%	50.00%
60	3	0.1	1	0.25	10	7.20%	83.33%
60	3	0.1	1	0.25	11	8.36%	83.33%
60	3	0.1	1	0.25	12	6.74%	63.33%
60	3	0.1	1	0.25	13	8.32%	83.33%
60	3	0.1	1	0.25	14	7.03%	83.33%
60	3	0.1	1	0.25	15	4.98%	86.67%
60	3	0.15	1	0.25	1	8.03%	63.33%
60	3	0.15	1	0.25	2	5.78%	86.67%
60	3	0.15	1	0.25	3	6.22%	86.67%
60	3	0.15	1	0.25	4	7.58%	86.67%
60	3	0.15	1	0.25	5	6.54%	83.33%
60	3	0.15	1	0.25	6	9.03%	83.33%
60	3	0.15	1	0.25	7	8.28%	66.67%
60	3	0.15	1	0.25	8	8.42%	86.67%
60	3	0.15	1	0.25	9	5.80%	86.67%
60	3	0.15	1	0.25	10	6.08%	86.67%

60	3	0.15	1	0.25	11	5.75%	83.33%
60	3	0.15	1	0.25	12	8.34%	83.33%
60	3	0.15	1	0.25	13	8.04%	83.33%
60	3	0.15	1	0.25	14	6.78%	86.67%
60	3	0.15	1	0.25	15	5.51%	70.00%
60	3	0.5	1	0.25	1	10.93%	80.00%
60	3	0.5	1	0.25	2	9.59%	80.00%
60	3	0.5	1	0.25	3	11.13%	80.00%
60	3	0.5	1	0.25	4	13.69%	80.00%
60	3	0.5	1	0.25	5	12.48%	80.00%
60	3	0.5	1	0.25	6	9.71%	76.67%
60	3	0.5	1	0.25	7	11.86%	76.67%
60	3	0.5	1	0.25	8	9.04%	80.00%
60	3	0.5	1	0.25	9	8.33%	76.67%
60	3	0.5	1	0.25	10	8.41%	76.67%
60	3	0.5	1	0.25	11	12.52%	76.67%
60	3	0.5	1	0.25	12	12.28%	80.00%
60	3	0.5	1	0.25	13	9.22%	80.00%
60	3	0.5	1	0.25	14	13.25%	80.00%
60	3	0.5	1	0.25	15	13.28%	80.00%
60	3	1	1	0.25	1	3.45%	70.00%
60	3	1	1	0.25	2	5.16%	66.67%
60	3	1	1	0.25	3	4.19%	56.67%
60	3	1	1	0.25	4	3.41%	73.33%
60	3	1	1	0.25	5	2.80%	70.00%
60	3	1	1	0.25	6	2.94%	73.33%
60	3	1	1	0.25	7	3.03%	80.00%
60	3	1	1	0.25	8	4.34%	60.00%
60	3	1	1	0.25	9	3.24%	73.33%
60	3	1	1	0.25	10	3.68%	73.33%
60	3	1	1	0.25	11	3.97%	40.00%
60	3	1	1	0.25	12	3.81%	73.33%
60	3	1	1	0.25	13	3.68%	33.33%
60	3	1	1	0.25	14	3.36%	76.67%
60	3	1	1	0.25	15	3.41%	36.67%
100	1	0.1	1	0.25	1	4.96%	86.67%
100	1	0.1	1	0.25	2	5.06%	86.67%
100	1	0.1	1	0.25	3	5.00%	80.00%
100	1	0.1	1	0.25	4	4.36%	86.67%

100	1	0.1	1	0.25	5	5.65%	90.00%
100	1	0.1	1	0.25	6	3.63%	86.67%
100	1	0.1	1	0.25	7	6.48%	90.00%
100	1	0.1	1	0.25	8	6.91%	90.00%
100	1	0.1	1	0.25	9	6.06%	90.00%
100	1	0.1	1	0.25	10	4.11%	90.00%
100	1	0.1	1	0.25	11	4.91%	86.67%
100	1	0.1	1	0.25	12	3.38%	86.67%
100	1	0.1	1	0.25	13	3.02%	86.67%
100	1	0.1	1	0.25	14	6.24%	90.00%
100	1	0.1	1	0.25	15	6.51%	86.67%
100	1	0.15	1	0.25	1	5.39%	90.00%
100	1	0.15	1	0.25	2	5.74%	86.67%
100	1	0.15	1	0.25	3	6.22%	90.00%
100	1	0.15	1	0.25	4	4.52%	70.00%
100	1	0.15	1	0.25	5	3.62%	90.00%
100	1	0.15	1	0.25	6	5.57%	60.00%
100	1	0.15	1	0.25	7	6.59%	53.33%
100	1	0.15	1	0.25	8	6.07%	90.00%
100	1	0.15	1	0.25	9	7.66%	86.67%
100	1	0.15	1	0.25	10	3.29%	30.00%
100	1	0.15	1	0.25	11	4.83%	90.00%
100	1	0.15	1	0.25	12	5.42%	86.67%
100	1	0.15	1	0.25	13	5.98%	86.67%
100	1	0.15	1	0.25	14	6.78%	86.67%
100	1	0.15	1	0.25	15	6.32%	53.33%
100	1	0.5	1	0.25	1	3.83%	90.00%
100	1	0.5	1	0.25	2	2.93%	76.67%
100	1	0.5	1	0.25	3	3.93%	90.00%
100	1	0.5	1	0.25	4	3.41%	86.67%
100	1	0.5	1	0.25	5	4.31%	90.00%
100	1	0.5	1	0.25	6	3.62%	86.67%
100	1	0.5	1	0.25	7	3.72%	86.67%
100	1	0.5	1	0.25	8	4.70%	66.67%
100	1	0.5	1	0.25	9	5.50%	86.67%
100	1	0.5	1	0.25	10	2.22%	86.67%
100	1	0.5	1	0.25	11	3.33%	70.00%
100	1	0.5	1	0.25	12	3.42%	86.67%
100	1	0.5	1	0.25	13	3.48%	90.00%

100	1	0.5	1	0.25	14	4.35%	83.33%
100	1	0.5	1	0.25	15	2.98%	80.00%
100	1	1	1	0.25	1	4.31%	86.67%
100	1	1	1	0.25	2	2.56%	90.00%
100	1	1	1	0.25	3	2.85%	90.00%
100	1	1	1	0.25	4	3.68%	86.67%
100	1	1	1	0.25	5	3.84%	83.33%
100	1	1	1	0.25	6	3.82%	86.67%
100	1	1	1	0.25	7	3.48%	90.00%
100	1	1	1	0.25	8	6.15%	90.00%
100	1	1	1	0.25	9	2.79%	83.33%
100	1	1	1	0.25	10	2.04%	90.00%
100	1	1	1	0.25	11	3.28%	86.67%
100	1	1	1	0.25	12	3.45%	90.00%
100	1	1	1	0.25	13	2.23%	86.67%
100	1	1	1	0.25	14	3.53%	93.33%
100	1	1	1	0.25	15	5.61%	90.00%
100	2	0.1	1	0.25	1	5.32%	83.33%
100	2	0.1	1	0.25	2	6.68%	83.33%
100	2	0.1	1	0.25	3	6.15%	80.00%
100	2	0.1	1	0.25	4	7.63%	83.33%
100	2	0.1	1	0.25	5	3.61%	80.00%
100	2	0.1	1	0.25	6	7.15%	83.33%
100	2	0.1	1	0.25	7	6.26%	53.33%
100	2	0.1	1	0.25	8	7.39%	76.67%
100	2	0.1	1	0.25	9	7.14%	80.00%
100	2	0.1	1	0.25	10	6.10%	83.33%
100	2	0.1	1	0.25	11	5.94%	46.67%
100	2	0.1	1	0.25	12	5.87%	83.33%
100	2	0.1	1	0.25	13	6.23%	83.33%
100	2	0.1	1	0.25	14	5.80%	83.33%
100	2	0.1	1	0.25	15	3.57%	83.33%
100	2	0.15	1	0.25	1	7.93%	83.33%
100	2	0.15	1	0.25	2	6.84%	83.33%
100	2	0.15	1	0.25	3	7.55%	80.00%
100	2	0.15	1	0.25	4	5.73%	83.33%
100	2	0.15	1	0.25	5	5.23%	80.00%
100	2	0.15	1	0.25	6	7.29%	80.00%
100	2	0.15	1	0.25	7	6.19%	83.33%

100	2	0.15	1	0.25	8	6.55%	83.33%
100	2	0.15	1	0.25	9	4.12%	83.33%
100	2	0.15	1	0.25	10	5.07%	83.33%
100	2	0.15	1	0.25	11	6.40%	83.33%
100	2	0.15	1	0.25	12	6.43%	46.67%
100	2	0.15	1	0.25	13	6.85%	80.00%
100	2	0.15	1	0.25	14	7.38%	83.33%
100	2	0.15	1	0.25	15	4.71%	83.33%
100	2	0.5	1	0.25	1	4.49%	83.33%
100	2	0.5	1	0.25	2	2.77%	83.33%
100	2	0.5	1	0.25	3	3.01%	80.00%
100	2	0.5	1	0.25	4	2.76%	83.33%
100	2	0.5	1	0.25	5	4.38%	83.33%
100	2	0.5	1	0.25	6	3.54%	83.33%
100	2	0.5	1	0.25	7	5.36%	83.33%
100	2	0.5	1	0.25	8	4.26%	83.33%
100	2	0.5	1	0.25	9	5.94%	76.67%
100	2	0.5	1	0.25	10	3.20%	76.67%
100	2	0.5	1	0.25	11	4.70%	83.33%
100	2	0.5	1	0.25	12	3.61%	83.33%
100	2	0.5	1	0.25	13	4.53%	83.33%
100	2	0.5	1	0.25	14	4.15%	83.33%
100	2	0.5	1	0.25	15	3.62%	66.67%
100	2	1	1	0.25	1	5.03%	66.67%
100	2	1	1	0.25	2	3.39%	83.33%
100	2	1	1	0.25	3	1.94%	83.33%
100	2	1	1	0.25	4	2.10%	70.00%
100	2	1	1	0.25	5	3.39%	66.67%
100	2	1	1	0.25	6	2.80%	83.33%
100	2	1	1	0.25	7	2.44%	83.33%
100	2	1	1	0.25	8	3.48%	83.33%
100	2	1	1	0.25	9	3.23%	83.33%
100	2	1	1	0.25	10	2.40%	83.33%
100	2	1	1	0.25	11	4.37%	83.33%
100	2	1	1	0.25	12	2.62%	46.67%
100	2	1	1	0.25	13	2.73%	83.33%
100	2	1	1	0.25	14	2.87%	83.33%
100	2	1	1	0.25	15	2.59%	73.33%
100	3	0.1	1	0.25	1	6.58%	83.33%

100	3	0.1	1	0.25	2	4.92%	83.33%
100	3	0.1	1	0.25	3	7.97%	86.67%
100	3	0.1	1	0.25	4	7.34%	70.00%
100	3	0.1	1	0.25	5	6.82%	83.33%
100	3	0.1	1	0.25	6	7.82%	83.33%
100	3	0.1	1	0.25	7	6.30%	83.33%
100	3	0.1	1	0.25	8	7.06%	83.33%
100	3	0.1	1	0.25	9	6.12%	83.33%
100	3	0.1	1	0.25	10	6.09%	83.33%
100	3	0.1	1	0.25	11	4.14%	83.33%
100	3	0.1	1	0.25	12	6.36%	83.33%
100	3	0.1	1	0.25	13	6.98%	83.33%
100	3	0.1	1	0.25	14	4.12%	83.33%
100	3	0.1	1	0.25	15	6.38%	73.33%
100	3	0.15	1	0.25	1	5.05%	83.33%
100	3	0.15	1	0.25	2	4.25%	83.33%
100	3	0.15	1	0.25	3	5.82%	83.33%
100	3	0.15	1	0.25	4	6.12%	86.67%
100	3	0.15	1	0.25	5	6.86%	86.67%
100	3	0.15	1	0.25	6	4.25%	83.33%
100	3	0.15	1	0.25	7	6.77%	86.67%
100	3	0.15	1	0.25	8	7.17%	86.67%
100	3	0.15	1	0.25	9	6.28%	86.67%
100	3	0.15	1	0.25	10	6.48%	80.00%
100	3	0.15	1	0.25	11	6.00%	80.00%
100	3	0.15	1	0.25	12	5.40%	83.33%
100	3	0.15	1	0.25	13	5.98%	83.33%
100	3	0.15	1	0.25	14	5.94%	83.33%
100	3	0.15	1	0.25	15	6.20%	83.33%
100	3	0.5	1	0.25	1	7.95%	80.00%
100	3	0.5	1	0.25	2	7.30%	80.00%
100	3	0.5	1	0.25	3	5.83%	80.00%
100	3	0.5	1	0.25	4	5.27%	80.00%
100	3	0.5	1	0.25	5	7.04%	73.33%
100	3	0.5	1	0.25	6	6.12%	66.67%
100	3	0.5	1	0.25	7	5.86%	80.00%
100	3	0.5	1	0.25	8	8.05%	76.67%
100	3	0.5	1	0.25	9	5.86%	66.67%
100	3	0.5	1	0.25	10	5.50%	80.00%

100	3	0.5	1	0.25	11	6.79%	80.00%
100	3	0.5	1	0.25	12	4.81%	76.67%
100	3	0.5	1	0.25	13	7.74%	76.67%
100	3	0.5	1	0.25	14	5.84%	53.33%
100	3	0.5	1	0.25	15	6.49%	66.67%
100	3	1	1	0.25	1	2.67%	76.67%
100	3	1	1	0.25	2	1.13%	43.33%
100	3	1	1	0.25	3	2.47%	46.67%
100	3	1	1	0.25	4	3.44%	70.00%
100	3	1	1	0.25	5	2.00%	76.67%
100	3	1	1	0.25	6	2.34%	76.67%
100	3	1	1	0.25	7	2.46%	80.00%
100	3	1	1	0.25	8	2.37%	76.67%
100	3	1	1	0.25	9	2.77%	80.00%
100	3	1	1	0.25	10	2.65%	73.33%
100	3	1	1	0.25	11	2.48%	66.67%
100	3	1	1	0.25	12	2.35%	76.67%
100	3	1	1	0.25	13	2.12%	46.67%
100	3	1	1	0.25	14	2.26%	80.00%
100	3	1	1	0.25	15	1.78%	43.33%
10	1	0.1	1	0.5	1	4.40%	86.67%
10	1	0.1	1	0.5	2	10.66%	83.33%
10	1	0.1	1	0.5	3	15.11%	83.33%
10	1	0.1	1	0.5	4	4.75%	83.33%
10	1	0.1	1	0.5	5	9.86%	83.33%
10	1	0.1	1	0.5	6	13.54%	83.33%
10	1	0.1	1	0.5	7	13.66%	83.33%
10	1	0.1	1	0.5	8	17.09%	83.33%
10	1	0.1	1	0.5	9	15.84%	83.33%
10	1	0.1	1	0.5	10	10.89%	86.67%
10	1	0.1	1	0.5	11	6.20%	26.67%
10	1	0.1	1	0.5	12	4.18%	86.67%
10	1	0.1	1	0.5	13	15.29%	80.00%
10	1	0.1	1	0.5	14	11.80%	83.33%
10	1	0.1	1	0.5	15	7.00%	76.67%
10	1	0.15	1	0.5	1	4.09%	83.33%
10	1	0.15	1	0.5	2	11.22%	83.33%
10	1	0.15	1	0.5	3	15.91%	80.00%
10	1	0.15	1	0.5	4	11.88%	86.67%

10	1	0.15	1	0.5	5	5.87%	83.33%
10	1	0.15	1	0.5	6	15.66%	83.33%
10	1	0.15	1	0.5	7	14.41%	86.67%
10	1	0.15	1	0.5	8	16.32%	80.00%
10	1	0.15	1	0.5	9	11.40%	83.33%
10	1	0.15	1	0.5	10	5.02%	90.00%
10	1	0.15	1	0.5	11	16.56%	83.33%
10	1	0.15	1	0.5	12	9.35%	86.67%
10	1	0.15	1	0.5	13	13.97%	83.33%
10	1	0.15	1	0.5	14	7.15%	90.00%
10	1	0.15	1	0.5	15	12.34%	86.67%
10	1	0.5	1	0.5	1	6.47%	86.67%
10	1	0.5	1	0.5	2	9.02%	83.33%
10	1	0.5	1	0.5	3	6.08%	73.33%
10	1	0.5	1	0.5	4	4.96%	83.33%
10	1	0.5	1	0.5	5	5.95%	93.33%
10	1	0.5	1	0.5	6	4.98%	86.67%
10	1	0.5	1	0.5	7	16.11%	83.33%
10	1	0.5	1	0.5	8	13.07%	80.00%
10	1	0.5	1	0.5	9	15.80%	83.33%
10	1	0.5	1	0.5	10	6.08%	90.00%
10	1	0.5	1	0.5	11	13.15%	66.67%
10	1	0.5	1	0.5	12	6.06%	90.00%
10	1	0.5	1	0.5	13	11.46%	90.00%
10	1	0.5	1	0.5	14	15.68%	76.67%
10	1	0.5	1	0.5	15	13.89%	90.00%
10	1	1	1	0.5	1	5.42%	86.67%
10	1	1	1	0.5	2	6.55%	90.00%
10	1	1	1	0.5	3	7.97%	50.00%
10	1	1	1	0.5	4	12.35%	83.33%
10	1	1	1	0.5	5	6.56%	83.33%
10	1	1	1	0.5	6	5.57%	86.67%
10	1	1	1	0.5	7	4.33%	50.00%
10	1	1	1	0.5	8	15.28%	83.33%
10	1	1	1	0.5	9	12.10%	83.33%
10	1	1	1	0.5	10	9.36%	86.67%
10	1	1	1	0.5	11	8.25%	36.67%
10	1	1	1	0.5	12	11.74%	83.33%
10	1	1	1	0.5	13	9.10%	90.00%

10	1	1	1	0.5	14	8.20%	83.33%
10	1	1	1	0.5	15	14.17%	86.67%
10	2	0.1	1	0.5	1	28.98%	26.67%
10	2	0.1	1	0.5	2	23.76%	60.00%
10	2	0.1	1	0.5	3	39.29%	56.67%
10	2	0.1	1	0.5	4	12.16%	16.67%
10	2	0.1	1	0.5	5	28.77%	60.00%
10	2	0.1	1	0.5	6	33.72%	56.67%
10	2	0.1	1	0.5	7	27.26%	56.67%
10	2	0.1	1	0.5	8	19.79%	16.67%
10	2	0.1	1	0.5	9	19.88%	20.00%
10	2	0.1	1	0.5	10	37.61%	23.33%
10	2	0.1	1	0.5	11	32.46%	63.33%
10	2	0.1	1	0.5	12	10.42%	13.33%
10	2	0.1	1	0.5	13	31.45%	23.33%
10	2	0.1	1	0.5	14	19.45%	23.33%
10	2	0.1	1	0.5	15	19.13%	43.33%
10	2	0.15	1	0.5	1	35.84%	60.00%
10	2	0.15	1	0.5	2	30.47%	66.67%
10	2	0.15	1	0.5	3	41.98%	56.67%
10	2	0.15	1	0.5	4	30.30%	26.67%
10	2	0.15	1	0.5	5	21.00%	26.67%
10	2	0.15	1	0.5	6	32.53%	26.67%
10	2	0.15	1	0.5	7	15.52%	26.67%
10	2	0.15	1	0.5	8	22.66%	23.33%
10	2	0.15	1	0.5	9	34.53%	23.33%
10	2	0.15	1	0.5	10	35.80%	20.00%
10	2	0.15	1	0.5	11	13.71%	20.00%
10	2	0.15	1	0.5	12	40.37%	13.33%
10	2	0.15	1	0.5	13	41.17%	60.00%
10	2	0.15	1	0.5	14	25.58%	16.67%
10	2	0.15	1	0.5	15	34.25%	60.00%
10	2	0.5	1	0.5	1	38.41%	26.67%
10	2	0.5	1	0.5	2	15.01%	20.00%
10	2	0.5	1	0.5	3	15.11%	23.33%
10	2	0.5	1	0.5	4	36.78%	23.33%
10	2	0.5	1	0.5	5	28.13%	20.00%
10	2	0.5	1	0.5	6	36.15%	56.67%
10	2	0.5	1	0.5	7	28.31%	26.67%

10	2	0.5	1	0.5	8	11.98%	20.00%
10	2	0.5	1	0.5	9	14.39%	20.00%
10	2	0.5	1	0.5	10	15.70%	20.00%
10	2	0.5	1	0.5	11	26.81%	23.33%
10	2	0.5	1	0.5	12	15.73%	10.00%
10	2	0.5	1	0.5	13	29.26%	20.00%
10	2	0.5	1	0.5	14	30.67%	26.67%
10	2	0.5	1	0.5	15	13.15%	20.00%
10	2	1	1	0.5	1	12.53%	23.33%
10	2	1	1	0.5	2	12.65%	3.33%
10	2	1	1	0.5	3	15.24%	6.67%
10	2	1	1	0.5	4	12.56%	10.00%
10	2	1	1	0.5	5	40.04%	13.33%
10	2	1	1	0.5	6	13.56%	20.00%
10	2	1	1	0.5	7	44.46%	20.00%
10	2	1	1	0.5	8	10.08%	3.33%
10	2	1	1	0.5	9	12.82%	6.67%
10	2	1	1	0.5	10	40.25%	20.00%
10	2	1	1	0.5	11	9.20%	3.33%
10	2	1	1	0.5	12	10.82%	3.33%
10	2	1	1	0.5	13	10.71%	3.33%
10	2	1	1	0.5	14	40.02%	23.33%
10	2	1	1	0.5	15	13.33%	6.67%
10	3	0.1	1	0.5	1	20.05%	23.33%
10	3	0.1	1	0.5	2	21.72%	63.33%
10	3	0.1	1	0.5	3	25.94%	60.00%
10	3	0.1	1	0.5	4	28.87%	63.33%
10	3	0.1	1	0.5	5	23.53%	30.00%
10	3	0.1	1	0.5	6	24.73%	60.00%
10	3	0.1	1	0.5	7	17.62%	23.33%
10	3	0.1	1	0.5	8	22.11%	60.00%
10	3	0.1	1	0.5	9	20.07%	26.67%
10	3	0.1	1	0.5	10	23.25%	60.00%
10	3	0.1	1	0.5	11	30.75%	63.33%
10	3	0.1	1	0.5	12	31.37%	60.00%
10	3	0.1	1	0.5	13	26.02%	63.33%
10	3	0.1	1	0.5	14	21.67%	66.67%
10	3	0.1	1	0.5	15	19.07%	23.33%
10	3	0.15	1	0.5	1	22.10%	60.00%

10	3	0.15	1	0.5	2	19.27%	53.33%
10	3	0.15	1	0.5	3	35.84%	26.67%
10	3	0.15	1	0.5	4	21.63%	23.33%
10	3	0.15	1	0.5	5	34.80%	60.00%
10	3	0.15	1	0.5	6	18.18%	26.67%
10	3	0.15	1	0.5	7	15.08%	20.00%
10	3	0.15	1	0.5	8	19.02%	20.00%
10	3	0.15	1	0.5	9	18.95%	66.67%
10	3	0.15	1	0.5	10	22.64%	50.00%
10	3	0.15	1	0.5	11	15.34%	23.33%
10	3	0.15	1	0.5	12	25.56%	56.67%
10	3	0.15	1	0.5	13	22.12%	73.33%
10	3	0.15	1	0.5	14	19.93%	66.67%
10	3	0.15	1	0.5	15	24.22%	60.00%
10	3	0.5	1	0.5	1	36.29%	53.33%
10	3	0.5	1	0.5	2	32.71%	56.67%
10	3	0.5	1	0.5	3	17.95%	23.33%
10	3	0.5	1	0.5	4	28.90%	60.00%
10	3	0.5	1	0.5	5	31.94%	60.00%
10	3	0.5	1	0.5	6	20.05%	43.33%
10	3	0.5	1	0.5	7	32.60%	56.67%
10	3	0.5	1	0.5	8	28.26%	50.00%
10	3	0.5	1	0.5	9	24.15%	23.33%
10	3	0.5	1	0.5	10	30.10%	30.00%
10	3	0.5	1	0.5	11	20.49%	36.67%
10	3	0.5	1	0.5	12	33.97%	60.00%
10	3	0.5	1	0.5	13	33.12%	76.67%
10	3	0.5	1	0.5	14	36.24%	56.67%
10	3	0.5	1	0.5	15	28.54%	53.33%
10	3	1	1	0.5	1	32.00%	30.00%
10	3	1	1	0.5	2	22.87%	23.33%
10	3	1	1	0.5	3	27.98%	20.00%
10	3	1	1	0.5	4	21.04%	20.00%
10	3	1	1	0.5	5	22.19%	13.33%
10	3	1	1	0.5	6	31.31%	20.00%
10	3	1	1	0.5	7	30.86%	20.00%
10	3	1	1	0.5	8	37.44%	53.33%
10	3	1	1	0.5	9	34.12%	60.00%
10	3	1	1	0.5	10	31.08%	20.00%

10	3	1	1	0.5	11	19.69%	13.33%
10	3	1	1	0.5	12	29.12%	46.67%
10	3	1	1	0.5	13	33.67%	26.67%
10	3	1	1	0.5	14	32.94%	56.67%
10	3	1	1	0.5	15	15.50%	16.67%
60	1	0.1	1	0.5	1	3.16%	83.33%
60	1	0.1	1	0.5	2	3.62%	93.33%
60	1	0.1	1	0.5	3	8.04%	90.00%
60	1	0.1	1	0.5	4	6.21%	90.00%
60	1	0.1	1	0.5	5	6.01%	90.00%
60	1	0.1	1	0.5	6	7.31%	90.00%
60	1	0.1	1	0.5	7	8.68%	86.67%
60	1	0.1	1	0.5	8	3.82%	90.00%
60	1	0.1	1	0.5	9	7.45%	86.67%
60	1	0.1	1	0.5	10	2.72%	90.00%
60	1	0.1	1	0.5	11	11.06%	86.67%
60	1	0.1	1	0.5	12	4.35%	90.00%
60	1	0.1	1	0.5	13	5.30%	90.00%
60	1	0.1	1	0.5	14	4.71%	86.67%
60	1	0.1	1	0.5	15	5.18%	93.33%
60	1	0.15	1	0.5	1	3.34%	90.00%
60	1	0.15	1	0.5	2	4.49%	86.67%
60	1	0.15	1	0.5	3	8.42%	90.00%
60	1	0.15	1	0.5	4	2.93%	86.67%
60	1	0.15	1	0.5	5	5.28%	86.67%
60	1	0.15	1	0.5	6	4.52%	90.00%
60	1	0.15	1	0.5	7	11.80%	90.00%
60	1	0.15	1	0.5	8	4.27%	90.00%
60	1	0.15	1	0.5	9	4.18%	90.00%
60	1	0.15	1	0.5	10	4.11%	90.00%
60	1	0.15	1	0.5	11	9.47%	90.00%
60	1	0.15	1	0.5	12	4.59%	86.67%
60	1	0.15	1	0.5	13	5.10%	86.67%
60	1	0.15	1	0.5	14	6.41%	90.00%
60	1	0.15	1	0.5	15	4.81%	86.67%
60	1	0.5	1	0.5	1	3.49%	90.00%
60	1	0.5	1	0.5	2	2.85%	90.00%
60	1	0.5	1	0.5	3	3.12%	40.00%
60	1	0.5	1	0.5	4	4.11%	90.00%

60	1	0.5	1	0.5	5	4.14%	90.00%
60	1	0.5	1	0.5	6	4.30%	90.00%
60	1	0.5	1	0.5	7	4.26%	36.67%
60	1	0.5	1	0.5	8	4.84%	86.67%
60	1	0.5	1	0.5	9	3.53%	90.00%
60	1	0.5	1	0.5	10	2.77%	86.67%
60	1	0.5	1	0.5	11	5.89%	83.33%
60	1	0.5	1	0.5	12	3.62%	90.00%
60	1	0.5	1	0.5	13	3.71%	90.00%
60	1	0.5	1	0.5	14	4.21%	90.00%
60	1	0.5	1	0.5	15	3.61%	90.00%
60	1	1	1	0.5	1	3.17%	90.00%
60	1	1	1	0.5	2	2.81%	86.67%
60	1	1	1	0.5	3	4.18%	90.00%
60	1	1	1	0.5	4	4.36%	83.33%
60	1	1	1	0.5	5	3.58%	90.00%
60	1	1	1	0.5	6	3.80%	90.00%
60	1	1	1	0.5	7	3.42%	86.67%
60	1	1	1	0.5	8	4.95%	90.00%
60	1	1	1	0.5	9	3.35%	90.00%
60	1	1	1	0.5	10	3.35%	90.00%
60	1	1	1	0.5	11	5.81%	83.33%
60	1	1	1	0.5	12	2.20%	90.00%
60	1	1	1	0.5	13	4.89%	90.00%
60	1	1	1	0.5	14	3.99%	83.33%
60	1	1	1	0.5	15	3.74%	90.00%
60	2	0.1	1	0.5	1	6.13%	83.33%
60	2	0.1	1	0.5	2	2.62%	83.33%
60	2	0.1	1	0.5	3	5.01%	83.33%
60	2	0.1	1	0.5	4	4.35%	83.33%
60	2	0.1	1	0.5	5	6.96%	83.33%
60	2	0.1	1	0.5	6	3.07%	83.33%
60	2	0.1	1	0.5	7	7.06%	83.33%
60	2	0.1	1	0.5	8	5.41%	86.67%
60	2	0.1	1	0.5	9	6.06%	86.67%
60	2	0.1	1	0.5	10	5.80%	83.33%
60	2	0.1	1	0.5	11	3.82%	86.67%
60	2	0.1	1	0.5	12	4.12%	83.33%
60	2	0.1	1	0.5	13	4.15%	83.33%

60	2	0.1	1	0.5	14	4.00%	83.33%
60	2	0.1	1	0.5	15	5.24%	80.00%
60	2	0.15	1	0.5	1	5.48%	83.33%
60	2	0.15	1	0.5	2	4.18%	83.33%
60	2	0.15	1	0.5	3	3.35%	86.67%
60	2	0.15	1	0.5	4	3.89%	86.67%
60	2	0.15	1	0.5	5	5.90%	86.67%
60	2	0.15	1	0.5	6	5.72%	90.00%
60	2	0.15	1	0.5	7	7.80%	86.67%
60	2	0.15	1	0.5	8	6.92%	90.00%
60	2	0.15	1	0.5	9	5.36%	63.33%
60	2	0.15	1	0.5	10	3.84%	86.67%
60	2	0.15	1	0.5	11	4.79%	83.33%
60	2	0.15	1	0.5	12	4.47%	83.33%
60	2	0.15	1	0.5	13	4.74%	90.00%
60	2	0.15	1	0.5	14	4.50%	83.33%
60	2	0.15	1	0.5	15	5.82%	86.67%
60	2	0.5	1	0.5	1	6.54%	83.33%
60	2	0.5	1	0.5	2	5.51%	83.33%
60	2	0.5	1	0.5	3	4.73%	83.33%
60	2	0.5	1	0.5	4	6.85%	83.33%
60	2	0.5	1	0.5	5	4.64%	83.33%
60	2	0.5	1	0.5	6	6.91%	83.33%
60	2	0.5	1	0.5	7	4.58%	83.33%
60	2	0.5	1	0.5	8	7.06%	83.33%
60	2	0.5	1	0.5	9	5.32%	83.33%
60	2	0.5	1	0.5	10	3.99%	83.33%
60	2	0.5	1	0.5	11	4.45%	83.33%
60	2	0.5	1	0.5	12	3.93%	86.67%
60	2	0.5	1	0.5	13	4.26%	86.67%
60	2	0.5	1	0.5	14	4.95%	83.33%
60	2	0.5	1	0.5	15	5.00%	86.67%
60	2	1	1	0.5	1	3.23%	83.33%
60	2	1	1	0.5	2	2.98%	83.33%
60	2	1	1	0.5	3	2.52%	83.33%
60	2	1	1	0.5	4	1.44%	76.67%
60	2	1	1	0.5	5	2.54%	83.33%
60	2	1	1	0.5	6	3.68%	80.00%
60	2	1	1	0.5	7	4.01%	86.67%

60	2	1	1	0.5	8	2.70%	83.33%
60	2	1	1	0.5	9	2.11%	80.00%
60	2	1	1	0.5	10	4.22%	86.67%
60	2	1	1	0.5	11	3.30%	83.33%
60	2	1	1	0.5	12	1.79%	83.33%
60	2	1	1	0.5	13	3.17%	86.67%
60	2	1	1	0.5	14	3.55%	70.00%
60	2	1	1	0.5	15	3.05%	86.67%
60	3	0.1	1	0.5	1	5.08%	83.33%
60	3	0.1	1	0.5	2	3.99%	83.33%
60	3	0.1	1	0.5	3	8.17%	86.67%
60	3	0.1	1	0.5	4	6.68%	83.33%
60	3	0.1	1	0.5	5	3.90%	83.33%
60	3	0.1	1	0.5	6	5.35%	83.33%
60	3	0.1	1	0.5	7	6.35%	83.33%
60	3	0.1	1	0.5	8	5.54%	86.67%
60	3	0.1	1	0.5	9	5.22%	86.67%
60	3	0.1	1	0.5	10	6.15%	86.67%
60	3	0.1	1	0.5	11	3.42%	86.67%
60	3	0.1	1	0.5	12	4.96%	86.67%
60	3	0.1	1	0.5	13	4.55%	83.33%
60	3	0.1	1	0.5	14	5.73%	86.67%
60	3	0.1	1	0.5	15	4.11%	80.00%
60	3	0.15	1	0.5	1	6.46%	86.67%
60	3	0.15	1	0.5	2	4.26%	86.67%
60	3	0.15	1	0.5	3	4.22%	86.67%
60	3	0.15	1	0.5	4	5.86%	86.67%
60	3	0.15	1	0.5	5	6.22%	86.67%
60	3	0.15	1	0.5	6	5.69%	86.67%
60	3	0.15	1	0.5	7	5.25%	86.67%
60	3	0.15	1	0.5	8	5.73%	86.67%
60	3	0.15	1	0.5	9	6.73%	86.67%
60	3	0.15	1	0.5	10	4.47%	86.67%
60	3	0.15	1	0.5	11	5.07%	86.67%
60	3	0.15	1	0.5	12	5.10%	86.67%
60	3	0.15	1	0.5	13	5.43%	86.67%
60	3	0.15	1	0.5	14	6.06%	83.33%
60	3	0.15	1	0.5	15	4.61%	83.33%
60	3	0.5	1	0.5	1	11.61%	73.33%

60	3	0.5	1	0.5	2	11.25%	76.67%
60	3	0.5	1	0.5	3	12.15%	80.00%
60	3	0.5	1	0.5	4	13.10%	73.33%
60	3	0.5	1	0.5	5	13.76%	73.33%
60	3	0.5	1	0.5	6	11.47%	76.67%
60	3	0.5	1	0.5	7	13.40%	73.33%
60	3	0.5	1	0.5	8	12.67%	76.67%
60	3	0.5	1	0.5	9	11.21%	73.33%
60	3	0.5	1	0.5	10	8.80%	76.67%
60	3	0.5	1	0.5	11	11.66%	73.33%
60	3	0.5	1	0.5	12	11.69%	76.67%
60	3	0.5	1	0.5	13	8.52%	76.67%
60	3	0.5	1	0.5	14	11.96%	40.00%
60	3	0.5	1	0.5	15	11.78%	80.00%
60	3	1	1	0.5	1	2.96%	73.33%
60	3	1	1	0.5	2	1.97%	26.67%
60	3	1	1	0.5	3	3.07%	73.33%
60	3	1	1	0.5	4	3.07%	76.67%
60	3	1	1	0.5	5	3.24%	70.00%
60	3	1	1	0.5	6	2.53%	73.33%
60	3	1	1	0.5	7	3.31%	36.67%
60	3	1	1	0.5	8	3.21%	73.33%
60	3	1	1	0.5	9	3.41%	73.33%
60	3	1	1	0.5	10	3.35%	73.33%
60	3	1	1	0.5	11	3.19%	70.00%
60	3	1	1	0.5	12	3.08%	70.00%
60	3	1	1	0.5	13	3.36%	73.33%
60	3	1	1	0.5	14	3.52%	70.00%
60	3	1	1	0.5	15	3.03%	70.00%
100	1	0.1	1	0.5	1	5.38%	90.00%
100	1	0.1	1	0.5	2	4.07%	86.67%
100	1	0.1	1	0.5	3	7.41%	90.00%
100	1	0.1	1	0.5	4	3.55%	86.67%
100	1	0.1	1	0.5	5	3.96%	90.00%
100	1	0.1	1	0.5	6	3.33%	86.67%
100	1	0.1	1	0.5	7	4.41%	86.67%
100	1	0.1	1	0.5	8	4.83%	93.33%
100	1	0.1	1	0.5	9	3.60%	86.67%
100	1	0.1	1	0.5	10	4.64%	90.00%

100	1	0.1	1	0.5	11	4.13%	86.67%
100	1	0.1	1	0.5	12	4.72%	90.00%
100	1	0.1	1	0.5	13	4.10%	86.67%
100	1	0.1	1	0.5	14	5.73%	86.67%
100	1	0.1	1	0.5	15	3.83%	86.67%
100	1	0.15	1	0.5	1	3.82%	86.67%
100	1	0.15	1	0.5	2	3.10%	90.00%
100	1	0.15	1	0.5	3	3.77%	80.00%
100	1	0.15	1	0.5	4	3.77%	86.67%
100	1	0.15	1	0.5	5	5.61%	90.00%
100	1	0.15	1	0.5	6	5.08%	90.00%
100	1	0.15	1	0.5	7	5.01%	90.00%
100	1	0.15	1	0.5	8	2.88%	93.33%
100	1	0.15	1	0.5	9	4.85%	90.00%
100	1	0.15	1	0.5	10	3.68%	90.00%
100	1	0.15	1	0.5	11	4.02%	86.67%
100	1	0.15	1	0.5	12	3.78%	90.00%
100	1	0.15	1	0.5	13	4.89%	86.67%
100	1	0.15	1	0.5	14	8.65%	86.67%
100	1	0.15	1	0.5	15	3.40%	90.00%
100	1	0.5	1	0.5	1	3.49%	90.00%
100	1	0.5	1	0.5	2	2.43%	83.33%
100	1	0.5	1	0.5	3	2.57%	83.33%
100	1	0.5	1	0.5	4	3.91%	86.67%
100	1	0.5	1	0.5	5	3.42%	86.67%
100	1	0.5	1	0.5	6	3.31%	90.00%
100	1	0.5	1	0.5	7	4.94%	90.00%
100	1	0.5	1	0.5	8	3.00%	90.00%
100	1	0.5	1	0.5	9	3.50%	90.00%
100	1	0.5	1	0.5	10	3.67%	86.67%
100	1	0.5	1	0.5	11	2.59%	90.00%
100	1	0.5	1	0.5	12	2.60%	86.67%
100	1	0.5	1	0.5	13	4.81%	86.67%
100	1	0.5	1	0.5	14	1.74%	90.00%
100	1	0.5	1	0.5	15	2.29%	86.67%
100	1	1	1	0.5	1	2.94%	90.00%
100	1	1	1	0.5	2	2.60%	90.00%
100	1	1	1	0.5	3	1.69%	90.00%
100	1	1	1	0.5	4	3.88%	90.00%

100	1	1	1	0.5	5	2.42%	86.67%
100	1	1	1	0.5	6	4.30%	83.33%
100	1	1	1	0.5	7	4.32%	90.00%
100	1	1	1	0.5	8	3.15%	90.00%
100	1	1	1	0.5	9	2.43%	90.00%
100	1	1	1	0.5	10	3.17%	90.00%
100	1	1	1	0.5	11	1.92%	90.00%
100	1	1	1	0.5	12	2.57%	90.00%
100	1	1	1	0.5	13	4.63%	90.00%
100	1	1	1	0.5	14	2.72%	90.00%
100	1	1	1	0.5	15	2.84%	90.00%
100	2	0.1	1	0.5	1	4.91%	80.00%
100	2	0.1	1	0.5	2	6.20%	86.67%
100	2	0.1	1	0.5	3	5.34%	83.33%
100	2	0.1	1	0.5	4	3.21%	83.33%
100	2	0.1	1	0.5	5	3.87%	80.00%
100	2	0.1	1	0.5	6	5.57%	83.33%
100	2	0.1	1	0.5	7	5.76%	86.67%
100	2	0.1	1	0.5	8	4.19%	83.33%
100	2	0.1	1	0.5	9	6.36%	83.33%
100	2	0.1	1	0.5	10	5.20%	83.33%
100	2	0.1	1	0.5	11	4.95%	86.67%
100	2	0.1	1	0.5	12	4.98%	86.67%
100	2	0.1	1	0.5	13	6.15%	86.67%
100	2	0.1	1	0.5	14	2.50%	83.33%
100	2	0.1	1	0.5	15	4.69%	83.33%
100	2	0.15	1	0.5	1	6.76%	83.33%
100	2	0.15	1	0.5	2	5.55%	83.33%
100	2	0.15	1	0.5	3	4.04%	83.33%
100	2	0.15	1	0.5	4	3.92%	83.33%
100	2	0.15	1	0.5	5	3.88%	83.33%
100	2	0.15	1	0.5	6	5.42%	83.33%
100	2	0.15	1	0.5	7	6.70%	83.33%
100	2	0.15	1	0.5	8	4.16%	83.33%
100	2	0.15	1	0.5	9	6.11%	83.33%
100	2	0.15	1	0.5	10	4.23%	83.33%
100	2	0.15	1	0.5	11	2.79%	83.33%
100	2	0.15	1	0.5	12	4.39%	83.33%
100	2	0.15	1	0.5	13	5.35%	83.33%

100	2	0.15	1	0.5	14	3.93%	86.67%
100	2	0.15	1	0.5	15	6.12%	83.33%
100	2	0.5	1	0.5	1	4.43%	83.33%
100	2	0.5	1	0.5	2	2.00%	83.33%
100	2	0.5	1	0.5	3	1.95%	83.33%
100	2	0.5	1	0.5	4	2.52%	83.33%
100	2	0.5	1	0.5	5	3.64%	83.33%
100	2	0.5	1	0.5	6	3.96%	83.33%
100	2	0.5	1	0.5	7	3.77%	86.67%
100	2	0.5	1	0.5	8	3.64%	80.00%
100	2	0.5	1	0.5	9	4.35%	83.33%
100	2	0.5	1	0.5	10	3.18%	83.33%
100	2	0.5	1	0.5	11	3.75%	83.33%
100	2	0.5	1	0.5	12	3.12%	83.33%
100	2	0.5	1	0.5	13	3.03%	83.33%
100	2	0.5	1	0.5	14	3.71%	83.33%
100	2	0.5	1	0.5	15	4.24%	86.67%
100	2	1	1	0.5	1	2.95%	83.33%
100	2	1	1	0.5	2	2.98%	83.33%
100	2	1	1	0.5	3	2.11%	86.67%
100	2	1	1	0.5	4	2.18%	86.67%
100	2	1	1	0.5	5	3.77%	80.00%
100	2	1	1	0.5	6	2.37%	83.33%
100	2	1	1	0.5	7	2.40%	86.67%
100	2	1	1	0.5	8	1.85%	80.00%
100	2	1	1	0.5	9	3.74%	83.33%
100	2	1	1	0.5	10	1.96%	73.33%
100	2	1	1	0.5	11	2.52%	86.67%
100	2	1	1	0.5	12	3.48%	83.33%
100	2	1	1	0.5	13	1.65%	86.67%
100	2	1	1	0.5	14	1.94%	83.33%
100	2	1	1	0.5	15	2.30%	86.67%
100	3	0.1	1	0.5	1	4.88%	83.33%
100	3	0.1	1	0.5	2	4.48%	86.67%
100	3	0.1	1	0.5	3	5.27%	86.67%
100	3	0.1	1	0.5	4	4.09%	53.33%
100	3	0.1	1	0.5	5	4.06%	86.67%
100	3	0.1	1	0.5	6	2.29%	83.33%
100	3	0.1	1	0.5	7	4.77%	83.33%

100	3	0.1	1	0.5	8	3.99%	83.33%
100	3	0.1	1	0.5	9	6.60%	83.33%
100	3	0.1	1	0.5	10	4.20%	86.67%
100	3	0.1	1	0.5	11	4.24%	83.33%
100	3	0.1	1	0.5	12	5.18%	80.00%
100	3	0.1	1	0.5	13	5.05%	86.67%
100	3	0.1	1	0.5	14	3.46%	83.33%
100	3	0.1	1	0.5	15	4.83%	83.33%
100	3	0.15	1	0.5	1	4.61%	83.33%
100	3	0.15	1	0.5	2	2.48%	86.67%
100	3	0.15	1	0.5	3	3.80%	83.33%
100	3	0.15	1	0.5	4	4.80%	83.33%
100	3	0.15	1	0.5	5	4.44%	86.67%
100	3	0.15	1	0.5	6	4.23%	86.67%
100	3	0.15	1	0.5	7	4.92%	86.67%
100	3	0.15	1	0.5	8	4.07%	86.67%
100	3	0.15	1	0.5	9	4.70%	86.67%
100	3	0.15	1	0.5	10	5.82%	86.67%
100	3	0.15	1	0.5	11	4.35%	86.67%
100	3	0.15	1	0.5	12	3.34%	86.67%
100	3	0.15	1	0.5	13	5.47%	86.67%
100	3	0.15	1	0.5	14	2.96%	83.33%
100	3	0.15	1	0.5	15	4.52%	83.33%
100	3	0.5	1	0.5	1	8.63%	76.67%
100	3	0.5	1	0.5	2	6.74%	76.67%
100	3	0.5	1	0.5	3	7.78%	73.33%
100	3	0.5	1	0.5	4	5.76%	60.00%
100	3	0.5	1	0.5	5	6.10%	73.33%
100	3	0.5	1	0.5	6	9.44%	73.33%
100	3	0.5	1	0.5	7	7.55%	76.67%
100	3	0.5	1	0.5	8	8.07%	76.67%
100	3	0.5	1	0.5	9	7.02%	73.33%
100	3	0.5	1	0.5	10	6.59%	76.67%
100	3	0.5	1	0.5	11	7.90%	70.00%
100	3	0.5	1	0.5	12	5.65%	66.67%
100	3	0.5	1	0.5	13	7.34%	76.67%
100	3	0.5	1	0.5	14	8.32%	73.33%
100	3	0.5	1	0.5	15	6.04%	50.00%
100	3	1	1	0.5	1	2.07%	73.33%

100	3	1	1	0.5	2	1.58%	76.67%
100	3	1	1	0.5	3	1.82%	70.00%
100	3	1	1	0.5	4	2.09%	76.67%
100	3	1	1	0.5	5	2.36%	66.67%
100	3	1	1	0.5	6	2.09%	76.67%
100	3	1	1	0.5	7	2.31%	70.00%
100	3	1	1	0.5	8	2.04%	73.33%
100	3	1	1	0.5	9	1.35%	70.00%
100	3	1	1	0.5	10	1.99%	73.33%
100	3	1	1	0.5	11	2.02%	73.33%
100	3	1	1	0.5	12	2.28%	73.33%
100	3	1	1	0.5	13	2.03%	76.67%
100	3	1	1	0.5	14	1.87%	76.67%
100	3	1	1	0.5	15	0.59%	36.67%
10	1	0.1	1	0.75	1	14.25%	86.67%
10	1	0.1	1	0.75	2	5.28%	33.33%
10	1	0.1	1	0.75	3	13.52%	86.67%
10	1	0.1	1	0.75	4	5.75%	90.00%
10	1	0.1	1	0.75	5	12.46%	83.33%
10	1	0.1	1	0.75	6	4.49%	86.67%
10	1	0.1	1	0.75	7	14.04%	86.67%
10	1	0.1	1	0.75	8	5.84%	40.00%
10	1	0.1	1	0.75	9	18.69%	83.33%
10	1	0.1	1	0.75	10	4.82%	86.67%
10	1	0.1	1	0.75	11	18.51%	86.67%
10	1	0.1	1	0.75	12	3.87%	86.67%
10	1	0.1	1	0.75	13	18.01%	83.33%
10	1	0.1	1	0.75	14	15.94%	73.33%
10	1	0.1	1	0.75	15	4.44%	86.67%
10	1	0.15	1	0.75	1	9.70%	86.67%
10	1	0.15	1	0.75	2	17.11%	86.67%
10	1	0.15	1	0.75	3	14.38%	83.33%
10	1	0.15	1	0.75	4	5.56%	86.67%
10	1	0.15	1	0.75	5	16.31%	83.33%
10	1	0.15	1	0.75	6	5.42%	86.67%
10	1	0.15	1	0.75	7	15.68%	83.33%
10	1	0.15	1	0.75	8	14.97%	76.67%
10	1	0.15	1	0.75	9	17.38%	83.33%
10	1	0.15	1	0.75	10	4.01%	90.00%

10	1	0.15	1	0.75	11	5.28%	30.00%
10	1	0.15	1	0.75	12	13.39%	86.67%
10	1	0.15	1	0.75	13	13.00%	90.00%
10	1	0.15	1	0.75	14	15.82%	80.00%
10	1	0.15	1	0.75	15	6.47%	93.33%
10	1	0.5	1	0.75	1	13.19%	90.00%
10	1	0.5	1	0.75	2	10.01%	63.33%
10	1	0.5	1	0.75	3	13.94%	83.33%
10	1	0.5	1	0.75	4	13.06%	86.67%
10	1	0.5	1	0.75	5	12.82%	83.33%
10	1	0.5	1	0.75	6	4.49%	86.67%
10	1	0.5	1	0.75	7	9.46%	66.67%
10	1	0.5	1	0.75	8	11.19%	86.67%
10	1	0.5	1	0.75	9	4.92%	33.33%
10	1	0.5	1	0.75	10	6.67%	86.67%
10	1	0.5	1	0.75	11	13.62%	80.00%
10	1	0.5	1	0.75	12	6.80%	76.67%
10	1	0.5	1	0.75	13	15.13%	83.33%
10	1	0.5	1	0.75	14	13.68%	83.33%
10	1	0.5	1	0.75	15	10.80%	86.67%
10	1	1	1	0.75	1	16.21%	76.67%
10	1	1	1	0.75	2	14.21%	83.33%
10	1	1	1	0.75	3	16.17%	76.67%
10	1	1	1	0.75	4	15.99%	83.33%
10	1	1	1	0.75	5	11.85%	83.33%
10	1	1	1	0.75	6	11.50%	80.00%
10	1	1	1	0.75	7	15.35%	83.33%
10	1	1	1	0.75	8	10.40%	90.00%
10	1	1	1	0.75	9	17.25%	83.33%
10	1	1	1	0.75	10	11.64%	90.00%
10	1	1	1	0.75	11	6.47%	46.67%
10	1	1	1	0.75	12	12.91%	80.00%
10	1	1	1	0.75	13	13.53%	83.33%
10	1	1	1	0.75	14	10.52%	90.00%
10	1	1	1	0.75	15	10.88%	83.33%
10	2	0.1	1	0.75	1	30.46%	66.67%
10	2	0.1	1	0.75	2	40.67%	70.00%
10	2	0.1	1	0.75	3	28.16%	26.67%
10	2	0.1	1	0.75	4	31.57%	56.67%

10	2	0.1	1	0.75	5	25.55%	23.33%
10	2	0.1	1	0.75	6	30.25%	53.33%
10	2	0.1	1	0.75	7	24.86%	63.33%
10	2	0.1	1	0.75	8	24.79%	16.67%
10	2	0.1	1	0.75	9	34.81%	26.67%
10	2	0.1	1	0.75	10	31.93%	20.00%
10	2	0.1	1	0.75	11	15.47%	23.33%
10	2	0.1	1	0.75	12	20.71%	23.33%
10	2	0.1	1	0.75	13	26.08%	26.67%
10	2	0.1	1	0.75	14	26.78%	40.00%
10	2	0.1	1	0.75	15	18.17%	13.33%
10	2	0.15	1	0.75	1	26.87%	66.67%
10	2	0.15	1	0.75	2	26.40%	23.33%
10	2	0.15	1	0.75	3	24.38%	20.00%
10	2	0.15	1	0.75	4	20.69%	20.00%
10	2	0.15	1	0.75	5	30.90%	26.67%
10	2	0.15	1	0.75	6	28.99%	20.00%
10	2	0.15	1	0.75	7	32.54%	60.00%
10	2	0.15	1	0.75	8	17.73%	23.33%
10	2	0.15	1	0.75	9	39.84%	60.00%
10	2	0.15	1	0.75	10	14.46%	20.00%
10	2	0.15	1	0.75	11	24.02%	30.00%
10	2	0.15	1	0.75	12	36.76%	23.33%
10	2	0.15	1	0.75	13	39.74%	70.00%
10	2	0.15	1	0.75	14	24.79%	26.67%
10	2	0.15	1	0.75	15	30.00%	30.00%
10	2	0.5	1	0.75	1	37.41%	66.67%
10	2	0.5	1	0.75	2	12.32%	20.00%
10	2	0.5	1	0.75	3	19.62%	20.00%
10	2	0.5	1	0.75	4	20.42%	26.67%
10	2	0.5	1	0.75	5	36.20%	23.33%
10	2	0.5	1	0.75	6	12.71%	23.33%
10	2	0.5	1	0.75	7	18.15%	40.00%
10	2	0.5	1	0.75	8	44.58%	20.00%
10	2	0.5	1	0.75	9	43.44%	20.00%
10	2	0.5	1	0.75	10	17.14%	23.33%
10	2	0.5	1	0.75	11	42.45%	26.67%
10	2	0.5	1	0.75	12	14.32%	20.00%
10	2	0.5	1	0.75	13	48.56%	36.67%

10	2	0.5	1	0.75	14	29.83%	23.33%
10	2	0.5	1	0.75	15	15.09%	16.67%
10	2	1	1	0.75	1	48.22%	30.00%
10	2	1	1	0.75	2	14.60%	3.33%
10	2	1	1	0.75	3	13.16%	6.67%
10	2	1	1	0.75	4	21.53%	16.67%
10	2	1	1	0.75	5	24.49%	20.00%
10	2	1	1	0.75	6	15.67%	6.67%
10	2	1	1	0.75	7	16.95%	13.33%
10	2	1	1	0.75	8	24.08%	0.00%
10	2	1	1	0.75	9	15.48%	6.67%
10	2	1	1	0.75	10	37.35%	20.00%
10	2	1	1	0.75	11	41.99%	6.67%
10	2	1	1	0.75	12	10.19%	3.33%
10	2	1	1	0.75	13	10.72%	3.33%
10	2	1	1	0.75	14	22.66%	20.00%
10	2	1	1	0.75	15	12.89%	6.67%
10	3	0.1	1	0.75	1	15.16%	20.00%
10	3	0.1	1	0.75	2	16.85%	63.33%
10	3	0.1	1	0.75	3	22.10%	46.67%
10	3	0.1	1	0.75	4	21.70%	63.33%
10	3	0.1	1	0.75	5	15.29%	20.00%
10	3	0.1	1	0.75	6	21.54%	63.33%
10	3	0.1	1	0.75	7	23.91%	26.67%
10	3	0.1	1	0.75	8	20.86%	53.33%
10	3	0.1	1	0.75	9	18.97%	63.33%
10	3	0.1	1	0.75	10	17.70%	23.33%
10	3	0.1	1	0.75	11	20.22%	70.00%
10	3	0.1	1	0.75	12	22.74%	26.67%
10	3	0.1	1	0.75	13	22.28%	60.00%
10	3	0.1	1	0.75	14	24.60%	63.33%
10	3	0.1	1	0.75	15	26.02%	70.00%
10	3	0.15	1	0.75	1	21.35%	46.67%
10	3	0.15	1	0.75	2	19.84%	66.67%
10	3	0.15	1	0.75	3	18.51%	63.33%
10	3	0.15	1	0.75	4	22.03%	56.67%
10	3	0.15	1	0.75	5	13.65%	20.00%
10	3	0.15	1	0.75	6	24.85%	60.00%
10	3	0.15	1	0.75	7	21.06%	46.67%

10	3	0.15	1	0.75	8	24.06%	60.00%
10	3	0.15	1	0.75	9	20.81%	80.00%
10	3	0.15	1	0.75	10	17.58%	23.33%
10	3	0.15	1	0.75	11	22.55%	56.67%
10	3	0.15	1	0.75	12	20.77%	53.33%
10	3	0.15	1	0.75	13	21.27%	60.00%
10	3	0.15	1	0.75	14	21.27%	66.67%
10	3	0.15	1	0.75	15	21.36%	66.67%
10	3	0.5	1	0.75	1	29.72%	70.00%
10	3	0.5	1	0.75	2	29.41%	70.00%
10	3	0.5	1	0.75	3	24.02%	20.00%
10	3	0.5	1	0.75	4	29.93%	46.67%
10	3	0.5	1	0.75	5	27.50%	56.67%
10	3	0.5	1	0.75	6	29.04%	60.00%
10	3	0.5	1	0.75	7	33.62%	56.67%
10	3	0.5	1	0.75	8	33.26%	53.33%
10	3	0.5	1	0.75	9	31.85%	60.00%
10	3	0.5	1	0.75	10	32.57%	76.67%
10	3	0.5	1	0.75	11	17.36%	23.33%
10	3	0.5	1	0.75	12	32.49%	33.33%
10	3	0.5	1	0.75	13	26.06%	66.67%
10	3	0.5	1	0.75	14	41.57%	53.33%
10	3	0.5	1	0.75	15	29.80%	63.33%
10	3	1	1	0.75	1	23.85%	23.33%
10	3	1	1	0.75	2	34.73%	60.00%
10	3	1	1	0.75	3	24.95%	23.33%
10	3	1	1	0.75	4	34.87%	53.33%
10	3	1	1	0.75	5	27.80%	40.00%
10	3	1	1	0.75	6	26.70%	40.00%
10	3	1	1	0.75	7	42.73%	56.67%
10	3	1	1	0.75	8	21.85%	16.67%
10	3	1	1	0.75	9	34.05%	60.00%
10	3	1	1	0.75	10	37.66%	43.33%
10	3	1	1	0.75	11	33.27%	56.67%
10	3	1	1	0.75	12	29.97%	23.33%
10	3	1	1	0.75	13	29.73%	66.67%
10	3	1	1	0.75	14	32.19%	60.00%
10	3	1	1	0.75	15	21.18%	30.00%
60	1	0.1	1	0.75	1	4.19%	86.67%

60	1	0.1	1	0.75	2	3.20%	86.67%
60	1	0.1	1	0.75	3	4.41%	90.00%
60	1	0.1	1	0.75	4	4.43%	90.00%
60	1	0.1	1	0.75	5	7.18%	86.67%
60	1	0.1	1	0.75	6	3.11%	90.00%
60	1	0.1	1	0.75	7	5.52%	90.00%
60	1	0.1	1	0.75	8	3.14%	90.00%
60	1	0.1	1	0.75	9	8.89%	86.67%
60	1	0.1	1	0.75	10	3.12%	93.33%
60	1	0.1	1	0.75	11	11.43%	86.67%
60	1	0.1	1	0.75	12	2.90%	86.67%
60	1	0.1	1	0.75	13	5.32%	76.67%
60	1	0.1	1	0.75	14	4.09%	86.67%
60	1	0.1	1	0.75	15	3.80%	83.33%
60	1	0.15	1	0.75	1	5.95%	86.67%
60	1	0.15	1	0.75	2	4.24%	90.00%
60	1	0.15	1	0.75	3	4.18%	90.00%
60	1	0.15	1	0.75	4	3.00%	90.00%
60	1	0.15	1	0.75	5	6.16%	86.67%
60	1	0.15	1	0.75	6	5.31%	86.67%
60	1	0.15	1	0.75	7	4.25%	86.67%
60	1	0.15	1	0.75	8	8.26%	86.67%
60	1	0.15	1	0.75	9	4.09%	80.00%
60	1	0.15	1	0.75	10	3.91%	86.67%
60	1	0.15	1	0.75	11	5.44%	26.67%
60	1	0.15	1	0.75	12	6.78%	90.00%
60	1	0.15	1	0.75	13	7.31%	90.00%
60	1	0.15	1	0.75	14	7.11%	86.67%
60	1	0.15	1	0.75	15	4.89%	90.00%
60	1	0.5	1	0.75	1	3.15%	86.67%
60	1	0.5	1	0.75	2	3.47%	90.00%
60	1	0.5	1	0.75	3	4.39%	93.33%
60	1	0.5	1	0.75	4	5.09%	86.67%
60	1	0.5	1	0.75	5	5.44%	86.67%
60	1	0.5	1	0.75	6	4.59%	90.00%
60	1	0.5	1	0.75	7	5.65%	90.00%
60	1	0.5	1	0.75	8	4.18%	90.00%
60	1	0.5	1	0.75	9	5.07%	86.67%
60	1	0.5	1	0.75	10	3.14%	90.00%

60	1	0.5	1	0.75	11	4.22%	70.00%
60	1	0.5	1	0.75	12	4.45%	86.67%
60	1	0.5	1	0.75	13	5.98%	80.00%
60	1	0.5	1	0.75	14	3.65%	86.67%
60	1	0.5	1	0.75	15	3.15%	86.67%
60	1	1	1	0.75	1	4.96%	90.00%
60	1	1	1	0.75	2	4.00%	90.00%
60	1	1	1	0.75	3	2.95%	90.00%
60	1	1	1	0.75	4	4.71%	90.00%
60	1	1	1	0.75	5	4.69%	90.00%
60	1	1	1	0.75	6	3.95%	90.00%
60	1	1	1	0.75	7	3.80%	86.67%
60	1	1	1	0.75	8	4.92%	93.33%
60	1	1	1	0.75	9	3.14%	76.67%
60	1	1	1	0.75	10	2.88%	86.67%
60	1	1	1	0.75	11	3.43%	76.67%
60	1	1	1	0.75	12	3.43%	90.00%
60	1	1	1	0.75	13	3.31%	86.67%
60	1	1	1	0.75	14	3.90%	93.33%
60	1	1	1	0.75	15	4.18%	90.00%
60	2	0.1	1	0.75	1	6.26%	83.33%
60	2	0.1	1	0.75	2	3.89%	86.67%
60	2	0.1	1	0.75	3	5.00%	90.00%
60	2	0.1	1	0.75	4	3.05%	83.33%
60	2	0.1	1	0.75	5	4.93%	83.33%
60	2	0.1	1	0.75	6	5.60%	86.67%
60	2	0.1	1	0.75	7	5.85%	83.33%
60	2	0.1	1	0.75	8	9.17%	83.33%
60	2	0.1	1	0.75	9	4.01%	83.33%
60	2	0.1	1	0.75	10	6.52%	86.67%
60	2	0.1	1	0.75	11	4.34%	83.33%
60	2	0.1	1	0.75	12	5.94%	83.33%
60	2	0.1	1	0.75	13	5.13%	80.00%
60	2	0.1	1	0.75	14	4.56%	83.33%
60	2	0.1	1	0.75	15	5.08%	80.00%
60	2	0.15	1	0.75	1	7.37%	83.33%
60	2	0.15	1	0.75	2	5.28%	83.33%
60	2	0.15	1	0.75	3	4.65%	86.67%
60	2	0.15	1	0.75	4	4.56%	86.67%

60	2	0.15	1	0.75	5	4.45%	86.67%
60	2	0.15	1	0.75	6	6.38%	80.00%
60	2	0.15	1	0.75	7	6.21%	83.33%
60	2	0.15	1	0.75	8	5.83%	86.67%
60	2	0.15	1	0.75	9	5.20%	83.33%
60	2	0.15	1	0.75	10	4.41%	83.33%
60	2	0.15	1	0.75	11	2.70%	86.67%
60	2	0.15	1	0.75	12	8.14%	83.33%
60	2	0.15	1	0.75	13	5.47%	86.67%
60	2	0.15	1	0.75	14	3.77%	83.33%
60	2	0.15	1	0.75	15	7.04%	83.33%
60	2	0.5	1	0.75	1	4.76%	83.33%
60	2	0.5	1	0.75	2	4.54%	83.33%
60	2	0.5	1	0.75	3	5.01%	86.67%
60	2	0.5	1	0.75	4	6.13%	83.33%
60	2	0.5	1	0.75	5	4.35%	83.33%
60	2	0.5	1	0.75	6	5.02%	83.33%
60	2	0.5	1	0.75	7	5.59%	83.33%
60	2	0.5	1	0.75	8	5.83%	83.33%
60	2	0.5	1	0.75	9	4.95%	83.33%
60	2	0.5	1	0.75	10	3.62%	86.67%
60	2	0.5	1	0.75	11	4.87%	83.33%
60	2	0.5	1	0.75	12	4.08%	83.33%
60	2	0.5	1	0.75	13	5.06%	83.33%
60	2	0.5	1	0.75	14	5.27%	83.33%
60	2	0.5	1	0.75	15	7.56%	86.67%
60	2	1	1	0.75	1	3.88%	83.33%
60	2	1	1	0.75	2	3.45%	83.33%
60	2	1	1	0.75	3	3.48%	83.33%
60	2	1	1	0.75	4	2.21%	83.33%
60	2	1	1	0.75	5	2.08%	83.33%
60	2	1	1	0.75	6	3.67%	83.33%
60	2	1	1	0.75	7	4.07%	86.67%
60	2	1	1	0.75	8	3.79%	83.33%
60	2	1	1	0.75	9	4.41%	83.33%
60	2	1	1	0.75	10	2.95%	83.33%
60	2	1	1	0.75	11	3.61%	83.33%
60	2	1	1	0.75	12	3.92%	83.33%
60	2	1	1	0.75	13	2.52%	83.33%

60	2	1	1	0.75	14	2.31%	83.33%
60	2	1	1	0.75	15	3.08%	73.33%
60	3	0.1	1	0.75	1	4.87%	86.67%
60	3	0.1	1	0.75	2	3.73%	83.33%
60	3	0.1	1	0.75	3	5.30%	86.67%
60	3	0.1	1	0.75	4	5.65%	86.67%
60	3	0.1	1	0.75	5	6.29%	83.33%
60	3	0.1	1	0.75	6	5.19%	86.67%
60	3	0.1	1	0.75	7	5.66%	83.33%
60	3	0.1	1	0.75	8	4.76%	86.67%
60	3	0.1	1	0.75	9	6.31%	83.33%
60	3	0.1	1	0.75	10	6.39%	83.33%
60	3	0.1	1	0.75	11	5.71%	83.33%
60	3	0.1	1	0.75	12	4.71%	86.67%
60	3	0.1	1	0.75	13	5.69%	86.67%
60	3	0.1	1	0.75	14	4.65%	83.33%
60	3	0.1	1	0.75	15	4.60%	86.67%
60	3	0.15	1	0.75	1	5.37%	83.33%
60	3	0.15	1	0.75	2	5.69%	83.33%
60	3	0.15	1	0.75	3	6.06%	90.00%
60	3	0.15	1	0.75	4	5.51%	86.67%
60	3	0.15	1	0.75	5	6.36%	86.67%
60	3	0.15	1	0.75	6	5.18%	83.33%
60	3	0.15	1	0.75	7	8.03%	86.67%
60	3	0.15	1	0.75	8	5.05%	83.33%
60	3	0.15	1	0.75	9	5.59%	83.33%
60	3	0.15	1	0.75	10	6.50%	86.67%
60	3	0.15	1	0.75	11	5.16%	86.67%
60	3	0.15	1	0.75	12	5.35%	86.67%
60	3	0.15	1	0.75	13	5.30%	83.33%
60	3	0.15	1	0.75	14	5.69%	83.33%
60	3	0.15	1	0.75	15	6.24%	86.67%
60	3	0.5	1	0.75	1	13.08%	76.67%
60	3	0.5	1	0.75	2	12.51%	80.00%
60	3	0.5	1	0.75	3	11.62%	76.67%
60	3	0.5	1	0.75	4	13.78%	80.00%
60	3	0.5	1	0.75	5	9.86%	73.33%
60	3	0.5	1	0.75	6	12.71%	80.00%
60	3	0.5	1	0.75	7	11.76%	76.67%

60	3	0.5	1	0.75	8	10.95%	76.67%
60	3	0.5	1	0.75	9	12.90%	80.00%
60	3	0.5	1	0.75	10	14.02%	76.67%
60	3	0.5	1	0.75	11	14.01%	76.67%
60	3	0.5	1	0.75	12	13.76%	76.67%
60	3	0.5	1	0.75	13	10.72%	76.67%
60	3	0.5	1	0.75	14	11.13%	76.67%
60	3	0.5	1	0.75	15	9.92%	73.33%
60	3	1	1	0.75	1	3.15%	63.33%
60	3	1	1	0.75	2	3.65%	76.67%
60	3	1	1	0.75	3	2.53%	76.67%
60	3	1	1	0.75	4	3.53%	80.00%
60	3	1	1	0.75	5	3.20%	76.67%
60	3	1	1	0.75	6	3.17%	76.67%
60	3	1	1	0.75	7	3.08%	73.33%
60	3	1	1	0.75	8	3.35%	76.67%
60	3	1	1	0.75	9	3.42%	76.67%
60	3	1	1	0.75	10	3.02%	76.67%
60	3	1	1	0.75	11	3.43%	70.00%
60	3	1	1	0.75	12	3.10%	73.33%
60	3	1	1	0.75	13	3.99%	76.67%
60	3	1	1	0.75	14	3.75%	43.33%
60	3	1	1	0.75	15	3.29%	70.00%
100	1	0.1	1	0.75	1	5.54%	86.67%
100	1	0.1	1	0.75	2	2.88%	86.67%
100	1	0.1	1	0.75	3	4.28%	86.67%
100	1	0.1	1	0.75	4	4.32%	86.67%
100	1	0.1	1	0.75	5	7.42%	90.00%
100	1	0.1	1	0.75	6	2.68%	90.00%
100	1	0.1	1	0.75	7	3.36%	86.67%
100	1	0.1	1	0.75	8	5.22%	86.67%
100	1	0.1	1	0.75	9	3.08%	90.00%
100	1	0.1	1	0.75	10	4.01%	86.67%
100	1	0.1	1	0.75	11	6.57%	90.00%
100	1	0.1	1	0.75	12	3.95%	86.67%
100	1	0.1	1	0.75	13	3.65%	90.00%
100	1	0.1	1	0.75	14	3.44%	30.00%
100	1	0.1	1	0.75	15	4.48%	90.00%
100	1	0.15	1	0.75	1	4.49%	90.00%

100	1	0.15	1	0.75	2	3.40%	86.67%
100	1	0.15	1	0.75	3	4.15%	86.67%
100	1	0.15	1	0.75	4	3.01%	86.67%
100	1	0.15	1	0.75	5	10.59%	83.33%
100	1	0.15	1	0.75	6	4.46%	86.67%
100	1	0.15	1	0.75	7	4.23%	86.67%
100	1	0.15	1	0.75	8	4.56%	90.00%
100	1	0.15	1	0.75	9	3.45%	93.33%
100	1	0.15	1	0.75	10	5.00%	90.00%
100	1	0.15	1	0.75	11	4.47%	90.00%
100	1	0.15	1	0.75	12	4.93%	86.67%
100	1	0.15	1	0.75	13	4.62%	90.00%
100	1	0.15	1	0.75	14	3.77%	43.33%
100	1	0.15	1	0.75	15	2.98%	90.00%
100	1	0.5	1	0.75	1	3.73%	90.00%
100	1	0.5	1	0.75	2	2.92%	90.00%
100	1	0.5	1	0.75	3	3.45%	90.00%
100	1	0.5	1	0.75	4	3.74%	90.00%
100	1	0.5	1	0.75	5	3.06%	90.00%
100	1	0.5	1	0.75	6	4.16%	90.00%
100	1	0.5	1	0.75	7	3.82%	86.67%
100	1	0.5	1	0.75	8	5.66%	90.00%
100	1	0.5	1	0.75	9	3.67%	90.00%
100	1	0.5	1	0.75	10	4.94%	90.00%
100	1	0.5	1	0.75	11	4.08%	90.00%
100	1	0.5	1	0.75	12	3.93%	90.00%
100	1	0.5	1	0.75	13	3.36%	90.00%
100	1	0.5	1	0.75	14	3.25%	36.67%
100	1	0.5	1	0.75	15	3.44%	83.33%
100	1	1	1	0.75	1	3.29%	90.00%
100	1	1	1	0.75	2	1.97%	90.00%
100	1	1	1	0.75	3	3.30%	90.00%
100	1	1	1	0.75	4	3.51%	86.67%
100	1	1	1	0.75	5	3.67%	86.67%
100	1	1	1	0.75	6	4.22%	90.00%
100	1	1	1	0.75	7	4.23%	90.00%
100	1	1	1	0.75	8	3.79%	86.67%
100	1	1	1	0.75	9	3.87%	93.33%
100	1	1	1	0.75	10	3.99%	86.67%

100	1	1	1	0.75	11	3.67%	90.00%
100	1	1	1	0.75	12	4.03%	90.00%
100	1	1	1	0.75	13	2.38%	90.00%
100	1	1	1	0.75	14	2.78%	60.00%
100	1	1	1	0.75	15	4.55%	93.33%
100	2	0.1	1	0.75	1	5.13%	80.00%
100	2	0.1	1	0.75	2	4.49%	83.33%
100	2	0.1	1	0.75	3	8.33%	80.00%
100	2	0.1	1	0.75	4	3.89%	80.00%
100	2	0.1	1	0.75	5	5.46%	86.67%
100	2	0.1	1	0.75	6	5.99%	80.00%
100	2	0.1	1	0.75	7	5.83%	83.33%
100	2	0.1	1	0.75	8	5.03%	80.00%
100	2	0.1	1	0.75	9	4.52%	83.33%
100	2	0.1	1	0.75	10	5.11%	80.00%
100	2	0.1	1	0.75	11	6.26%	80.00%
100	2	0.1	1	0.75	12	5.19%	80.00%
100	2	0.1	1	0.75	13	4.83%	80.00%
100	2	0.1	1	0.75	14	3.49%	80.00%
100	2	0.1	1	0.75	15	4.63%	80.00%
100	2	0.15	1	0.75	1	5.21%	86.67%
100	2	0.15	1	0.75	2	5.32%	83.33%
100	2	0.15	1	0.75	3	6.52%	83.33%
100	2	0.15	1	0.75	4	5.47%	80.00%
100	2	0.15	1	0.75	5	4.54%	80.00%
100	2	0.15	1	0.75	6	3.41%	80.00%
100	2	0.15	1	0.75	7	5.70%	80.00%
100	2	0.15	1	0.75	8	4.66%	83.33%
100	2	0.15	1	0.75	9	4.85%	86.67%
100	2	0.15	1	0.75	10	3.96%	83.33%
100	2	0.15	1	0.75	11	4.01%	80.00%
100	2	0.15	1	0.75	12	4.88%	80.00%
100	2	0.15	1	0.75	13	5.38%	86.67%
100	2	0.15	1	0.75	14	3.71%	83.33%
100	2	0.15	1	0.75	15	8.24%	50.00%
100	2	0.5	1	0.75	1	3.26%	83.33%
100	2	0.5	1	0.75	2	3.98%	83.33%
100	2	0.5	1	0.75	3	3.10%	83.33%
100	2	0.5	1	0.75	4	2.72%	83.33%

100	2	0.5	1	0.75	5	3.31%	83.33%
100	2	0.5	1	0.75	6	3.34%	83.33%
100	2	0.5	1	0.75	7	4.21%	83.33%
100	2	0.5	1	0.75	8	3.52%	83.33%
100	2	0.5	1	0.75	9	2.46%	83.33%
100	2	0.5	1	0.75	10	3.61%	83.33%
100	2	0.5	1	0.75	11	2.37%	83.33%
100	2	0.5	1	0.75	12	2.34%	83.33%
100	2	0.5	1	0.75	13	3.06%	83.33%
100	2	0.5	1	0.75	14	5.12%	83.33%
100	2	0.5	1	0.75	15	4.45%	86.67%
100	2	1	1	0.75	1	2.14%	83.33%
100	2	1	1	0.75	2	2.67%	86.67%
100	2	1	1	0.75	3	1.26%	83.33%
100	2	1	1	0.75	4	2.43%	83.33%
100	2	1	1	0.75	5	2.03%	83.33%
100	2	1	1	0.75	6	3.21%	83.33%
100	2	1	1	0.75	7	4.30%	83.33%
100	2	1	1	0.75	8	1.77%	83.33%
100	2	1	1	0.75	9	3.18%	83.33%
100	2	1	1	0.75	10	3.62%	83.33%
100	2	1	1	0.75	11	2.19%	83.33%
100	2	1	1	0.75	12	2.71%	86.67%
100	2	1	1	0.75	13	2.83%	83.33%
100	2	1	1	0.75	14	2.91%	83.33%
100	2	1	1	0.75	15	2.40%	86.67%
100	3	0.1	1	0.75	1	3.20%	83.33%
100	3	0.1	1	0.75	2	3.77%	83.33%
100	3	0.1	1	0.75	3	4.05%	83.33%
100	3	0.1	1	0.75	4	3.73%	83.33%
100	3	0.1	1	0.75	5	5.29%	86.67%
100	3	0.1	1	0.75	6	4.30%	80.00%
100	3	0.1	1	0.75	7	5.46%	86.67%
100	3	0.1	1	0.75	8	5.81%	80.00%
100	3	0.1	1	0.75	9	5.40%	83.33%
100	3	0.1	1	0.75	10	4.62%	83.33%
100	3	0.1	1	0.75	11	5.48%	83.33%
100	3	0.1	1	0.75	12	4.95%	83.33%
100	3	0.1	1	0.75	13	4.70%	83.33%

100	3	0.1	1	0.75	14	3.09%	83.33%
100	3	0.1	1	0.75	15	4.77%	86.67%
100	3	0.15	1	0.75	1	5.96%	83.33%
100	3	0.15	1	0.75	2	4.52%	86.67%
100	3	0.15	1	0.75	3	5.02%	83.33%
100	3	0.15	1	0.75	4	4.96%	83.33%
100	3	0.15	1	0.75	5	4.95%	83.33%
100	3	0.15	1	0.75	6	4.58%	83.33%
100	3	0.15	1	0.75	7	4.83%	83.33%
100	3	0.15	1	0.75	8	4.70%	83.33%
100	3	0.15	1	0.75	9	5.06%	83.33%
100	3	0.15	1	0.75	10	5.25%	83.33%
100	3	0.15	1	0.75	11	3.73%	83.33%
100	3	0.15	1	0.75	12	4.37%	83.33%
100	3	0.15	1	0.75	13	4.84%	83.33%
100	3	0.15	1	0.75	14	5.60%	83.33%
100	3	0.15	1	0.75	15	4.63%	83.33%
100	3	0.5	1	0.75	1	8.14%	80.00%
100	3	0.5	1	0.75	2	10.09%	80.00%
100	3	0.5	1	0.75	3	11.32%	80.00%
100	3	0.5	1	0.75	4	6.76%	80.00%
100	3	0.5	1	0.75	5	10.62%	73.33%
100	3	0.5	1	0.75	6	5.74%	76.67%
100	3	0.5	1	0.75	7	8.04%	76.67%
100	3	0.5	1	0.75	8	8.12%	76.67%
100	3	0.5	1	0.75	9	10.29%	73.33%
100	3	0.5	1	0.75	10	6.39%	56.67%
100	3	0.5	1	0.75	11	8.12%	76.67%
100	3	0.5	1	0.75	12	7.83%	73.33%
100	3	0.5	1	0.75	13	10.45%	80.00%
100	3	0.5	1	0.75	14	5.98%	76.67%
100	3	0.5	1	0.75	15	9.14%	76.67%
100	3	1	1	0.75	1	2.16%	73.33%
100	3	1	1	0.75	2	2.57%	80.00%
100	3	1	1	0.75	3	2.83%	60.00%
100	3	1	1	0.75	4	2.22%	80.00%
100	3	1	1	0.75	5	1.84%	76.67%
100	3	1	1	0.75	6	2.24%	76.67%
100	3	1	1	0.75	7	2.80%	80.00%

100	3	1	1	0.75	8	2.06%	76.67%
100	3	1	1	0.75	9	2.68%	76.67%
100	3	1	1	0.75	10	2.23%	73.33%
100	3	1	1	0.75	11	2.22%	80.00%
100	3	1	1	0.75	12	2.26%	73.33%
100	3	1	1	0.75	13	2.00%	76.67%
100	3	1	1	0.75	14	2.85%	76.67%
100	3	1	1	0.75	15	2.27%	76.67%

The table below shows the average $RGap(t)$ function and the GEH, when the C-logit route choice was used and the average of all the replications of the same experiment was applied.

ScaleFactor	InitialK-SP	Beta	Lambda	AVG RGAP	AVG GEH
10	1	0,10	0,25	12,82%	83,78%
10	1	0,15	0,25	10,12%	79,33%
10	1	0,50	0,25	9,68%	72,89%
10	1	1,00	0,25	8,35%	75,33%
10	2	0,10	0,25	26,57%	34,67%
10	2	0,15	0,25	23,81%	33,56%
10	2	0,50	0,25	23,78%	22,44%
10	2	1,00	0,25	16,34%	8,44%
10	3	0,10	0,25	24,73%	57,11%
10	3	0,15	0,25	22,88%	49,33%
10	3	0,50	0,25	27,10%	37,56%
10	3	1,00	0,25	31,49%	23,56%
60	1	0,10	0,25	5,84%	88,67%
60	1	0,15	0,25	5,31%	86,22%
60	1	0,50	0,25	4,28%	85,11%
60	1	1,00	0,25	3,78%	85,11%
60	2	0,10	0,25	6,46%	81,78%
60	2	0,15	0,25	7,20%	82,89%
60	2	0,50	0,25	6,02%	69,33%
60	2	1,00	0,25	2,99%	81,56%
60	3	0,10	0,25	7,02%	77,33%
60	3	0,15	0,25	7,08%	81,56%
60	3	0,50	0,25	11,05%	78,89%
60	3	1,00	0,25	3,63%	63,78%
100	1	0,10	0,25	5,09%	87,56%
100	1	0,15	0,25	5,60%	76,67%

100	1	0,50	0,25	3,72%	83,78%
100	1	1,00	0,25	3,58%	88,22%
100	2	0,10	0,25	6,06%	77,78%
100	2	0,15	0,25	6,28%	80,00%
100	2	0,50	0,25	4,02%	81,11%
100	2	1,00	0,25	3,03%	77,11%
100	3	0,10	0,25	6,33%	82,00%
100	3	0,15	0,25	5,90%	84,00%
100	3	0,50	0,25	6,43%	74,44%
100	3	1,00	0,25	2,35%	67,56%
10	1	0,10	0,50	10,68%	79,56%
10	1	0,15	0,50	11,41%	84,67%
10	1	0,50	0,50	9,92%	83,78%
10	1	1,00	0,50	9,13%	77,56%
10	2	0,10	0,50	25,61%	37,33%
10	2	0,15	0,50	30,38%	35,11%
10	2	0,50	0,50	23,70%	23,78%
10	2	1,00	0,50	19,88%	11,11%
10	3	0,10	0,50	23,79%	49,78%
10	3	0,15	0,50	22,31%	45,78%
10	3	0,50	0,50	29,02%	49,33%
10	3	1,00	0,50	28,12%	29,33%
60	1	0,10	0,50	5,84%	89,11%
60	1	0,15	0,50	5,58%	88,67%
60	1	0,50	0,50	3,90%	82,22%
60	1	1,00	0,50	3,84%	88,22%
60	2	0,10	0,50	4,92%	83,78%
60	2	0,15	0,50	5,12%	84,67%
60	2	0,50	0,50	5,25%	84,00%
60	2	1,00	0,50	2,95%	82,44%
60	3	0,10	0,50	5,28%	84,67%
60	3	0,15	0,50	5,41%	86,22%
60	3	0,50	0,50	11,67%	73,33%
60	3	1,00	0,50	3,09%	66,89%
100	1	0,10	0,50	4,51%	88,22%
100	1	0,15	0,50	4,42%	88,44%
100	1	0,50	0,50	3,22%	87,78%
100	1	1,00	0,50	3,04%	89,33%
100	2	0,10	0,50	4,92%	84,00%

100	2	0,15	0,50	4,89%	83,56%
100	2	0,50	0,50	3,42%	83,56%
100	2	1,00	0,50	2,55%	83,56%
100	3	0,10	0,50	4,49%	82,22%
100	3	0,15	0,50	4,30%	85,56%
100	3	0,50	0,50	7,26%	71,56%
100	3	1,00	0,50	1,90%	70,89%
10	1	0,10	0,75	10,66%	78,67%
10	1	0,15	0,75	11,63%	81,78%
10	1	0,50	0,75	10,65%	78,44%
10	1	1,00	0,75	12,99%	80,89%
10	2	0,10	0,75	27,35%	36,67%
10	2	0,15	0,75	27,87%	34,67%
10	2	0,50	0,75	27,48%	27,11%
10	2	1,00	0,75	22,00%	10,89%
10	3	0,10	0,75	20,66%	48,89%
10	3	0,15	0,75	20,73%	55,11%
10	3	0,50	0,75	29,88%	54,00%
10	3	1,00	0,75	30,37%	43,56%
60	1	0,10	0,75	4,98%	87,33%
60	1	0,15	0,75	5,39%	83,56%
60	1	0,50	0,75	4,37%	86,67%
60	1	1,00	0,75	3,88%	88,00%
60	2	0,10	0,75	5,29%	84,00%
60	2	0,15	0,75	5,43%	84,44%
60	2	0,50	0,75	5,11%	84,00%
60	2	1,00	0,75	3,30%	82,89%
60	3	0,10	0,75	5,30%	85,11%
60	3	0,15	0,75	5,81%	85,33%
60	3	0,50	0,75	12,18%	77,11%
60	3	1,00	0,75	3,31%	72,44%
100	1	0,10	0,75	4,33%	84,22%
100	1	0,15	0,75	4,54%	85,33%
100	1	0,50	0,75	3,81%	85,78%
100	1	1,00	0,75	3,55%	87,56%
100	2	0,10	0,75	5,21%	81,11%
100	2	0,15	0,75	5,06%	80,44%
100	2	0,50	0,75	3,39%	83,56%
100	2	1,00	0,75	2,64%	84,00%

100	3	0,10	0,75	4,57%	83,56%
100	3	0,15	0,75	4,87%	83,56%
100	3	0,50	0,75	8,47%	75,78%
100	3	1,00	0,75	2,35%	75,78%