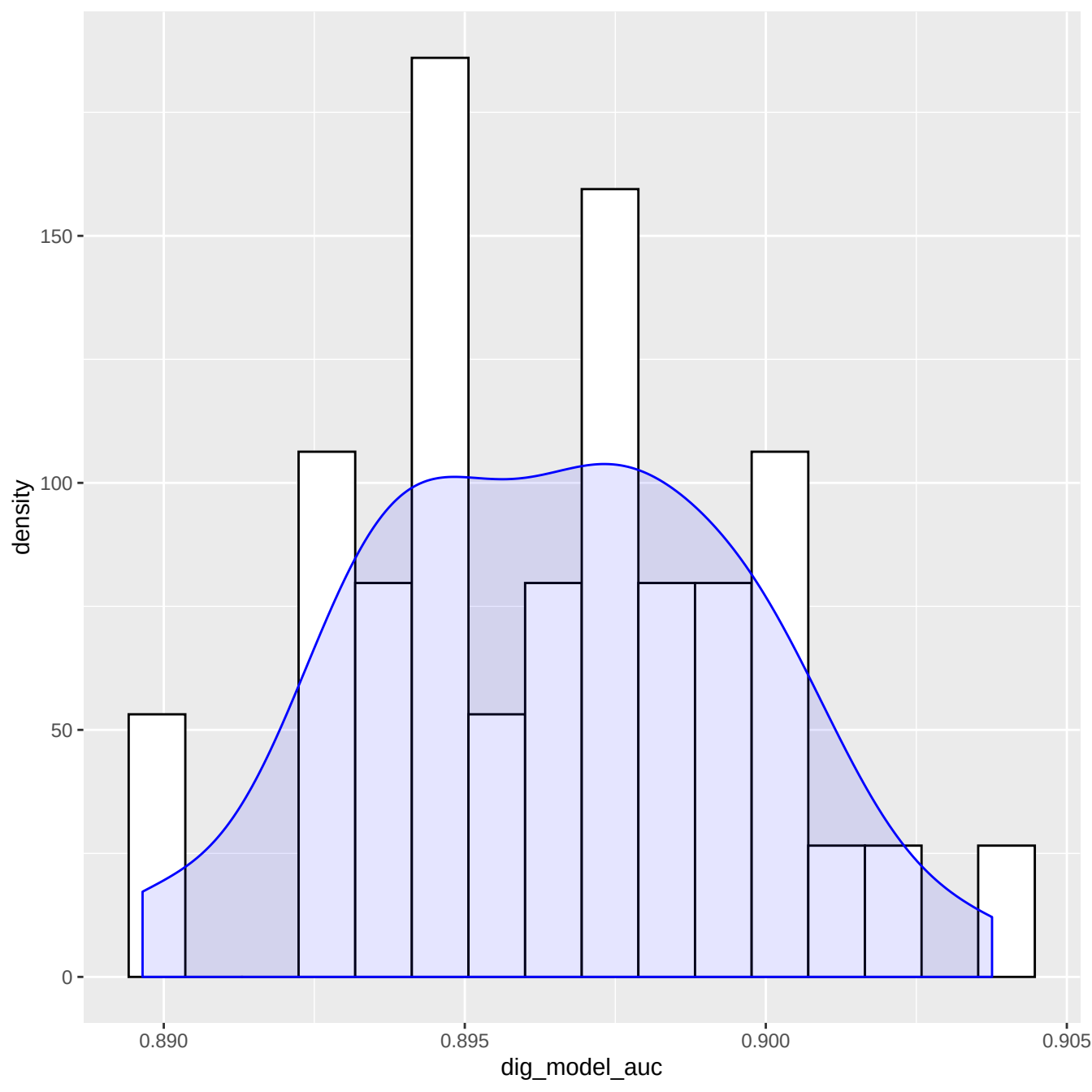
```
$project
[1] "SY"

$platform
[1] "apple_appstore"

$dataFile
[1] "payer_model_SY_GP&iOS_mkt_2019-04-01_2019-06-30.rds"

$sampleSize
[1] 150000

$testSampleSplit
[1] 0.5

$cvRunCount
[1] 40

$seed
[1] 1024
```

```
  cv_run_id     train_positives test_positives  dig_model_auc    dig_model_rcd    dig_model_sens
Min.   : 1.00   Min.   :11415   Min.   :11547   Min.   :0.8896   Min.   :0.8978   Min.   :0.3552
1st Qu.:10.75   1st Qu.:11991   1st Qu.:11970   1st Qu.:0.8943   1st Qu.:0.9777   1st Qu.:0.3778
Median :20.50   Median :12144   Median :12078   Median :0.8965   Median :1.0000   Median :0.3875
Mean   :20.50   Mean   :12136   Mean   :12094   Mean   :0.8965   Mean   :1.0008   Mean   :0.3859
3rd Qu.:30.25   3rd Qu.:12252   3rd Qu.:12288   3rd Qu.:0.8988   3rd Qu.:1.0302   3rd Qu.:0.3962
Max.   :40.00   Max.   :12712   Max.   :12510   Max.   :0.9038   Max.   :1.0826   Max.   :0.4145
dig_model_prec
Min.   :0.3639
1st Qu.:0.3812
Median :0.3865
Mean   :0.3858
3rd Qu.:0.3921
Max.   :0.3999
```

	cv_run_id	train_positives	test_positives	dig_model_auc	dig_model_rcd	dig_model_sens	dig_model_prec
1	1	12192	11954	0.8954306	0.9549941	0.3799565	0.3978626
2	2	11415	12510	0.8924560	0.8977618	0.3552358	0.3956905
3	3	11975	12335	0.8973489	0.9999189	0.3970815	0.3971137
4	4	12230	12067	0.8973775	1.0000829	0.3870888	0.3870567
5	5	11963	12313	0.8949332	0.9566312	0.3761878	0.3932422
6	6	12045	12106	0.8985648	1.0022303	0.3925326	0.3916591
7	7	11644	12390	0.8945907	0.9321227	0.3727199	0.3998615
8	8	12151	12213	0.8964066	1.0539589	0.3969541	0.3766314
9	9	11975	12055	0.8933712	0.9490668	0.3713812	0.3913119
10	10	11972	12060	0.9007251	1.0250415	0.4030680	0.3932212
11	11	12400	11791	0.8899930	1.0328216	0.3785938	0.3665627
12	12	12477	11893	0.8988744	1.0153872	0.3925839	0.3866346
13	13	11813	12287	0.8959874	0.9199154	0.3602995	0.3916659
14	14	12326	11990	0.8949507	1.0357798	0.4002502	0.3864240
15	15	12054	12287	0.8974554	0.9856759	0.3804834	0.3860127
16	16	12251	12035	0.8931002	0.9972580	0.3974242	0.3985169
17	17	12077	12208	0.8994407	1.0570118	0.3948231	0.3735276
18	18	12353	11816	0.8942775	0.9720718	0.3665369	0.3770677
19	19	12253	12023	0.8972387	1.0589703	0.3961574	0.3740968
20	20	12045	12350	0.8945699	1.0024291	0.3885020	0.3875606
21	21	11708	12344	0.9002222	0.9985418	0.3957388	0.3963167
22	22	12244	12105	0.8932050	0.9857084	0.3747212	0.3801542
23	23	12250	12304	0.8927103	0.9574935	0.3653283	0.3815466
24	24	12712	11547	0.8965852	1.0172339	0.3919633	0.3853227
25	25	12202	12139	0.8997674	0.9589752	0.3789439	0.3951551
26	26	12485	11764	0.8976688	1.0349371	0.3996090	0.3861191
27	27	12135	12289	0.8944757	1.0109854	0.3875010	0.3832904
28	28	12352	12008	0.8965006	0.9977515	0.3859927	0.3868625
29	29	12383	11880	0.8979345	1.0787879	0.4017677	0.3724251
30	30	12242	11911	0.8987969	0.9875745	0.3783058	0.3830655
31	31	11996	11988	0.8896476	1.0046713	0.3656156	0.3639156
32	32	12123	11918	0.9037579	1.0659507	0.4144991	0.3888539
33	33	11936	12426	0.8976060	1.0247063	0.3964268	0.3868688
34	34	11845	12358	0.8996444	0.9861628	0.3886551	0.3941085
35	35	12111	12173	0.9019477	1.0826419	0.4078699	0.3767357
36	36	12136	12133	0.8930402	1.0345339	0.3874557	0.3745220
37	37	12180	11998	0.8942888	0.9795799	0.3819803	0.3899430
38	38	12052	11976	0.8932108	0.9507348	0.3674015	0.3864395
39	39	12576	11743	0.9004355	1.0292940	0.3947032	0.3834698
40	40	12170	12088	0.9001495	0.9946228	0.3831072	0.3851784


density
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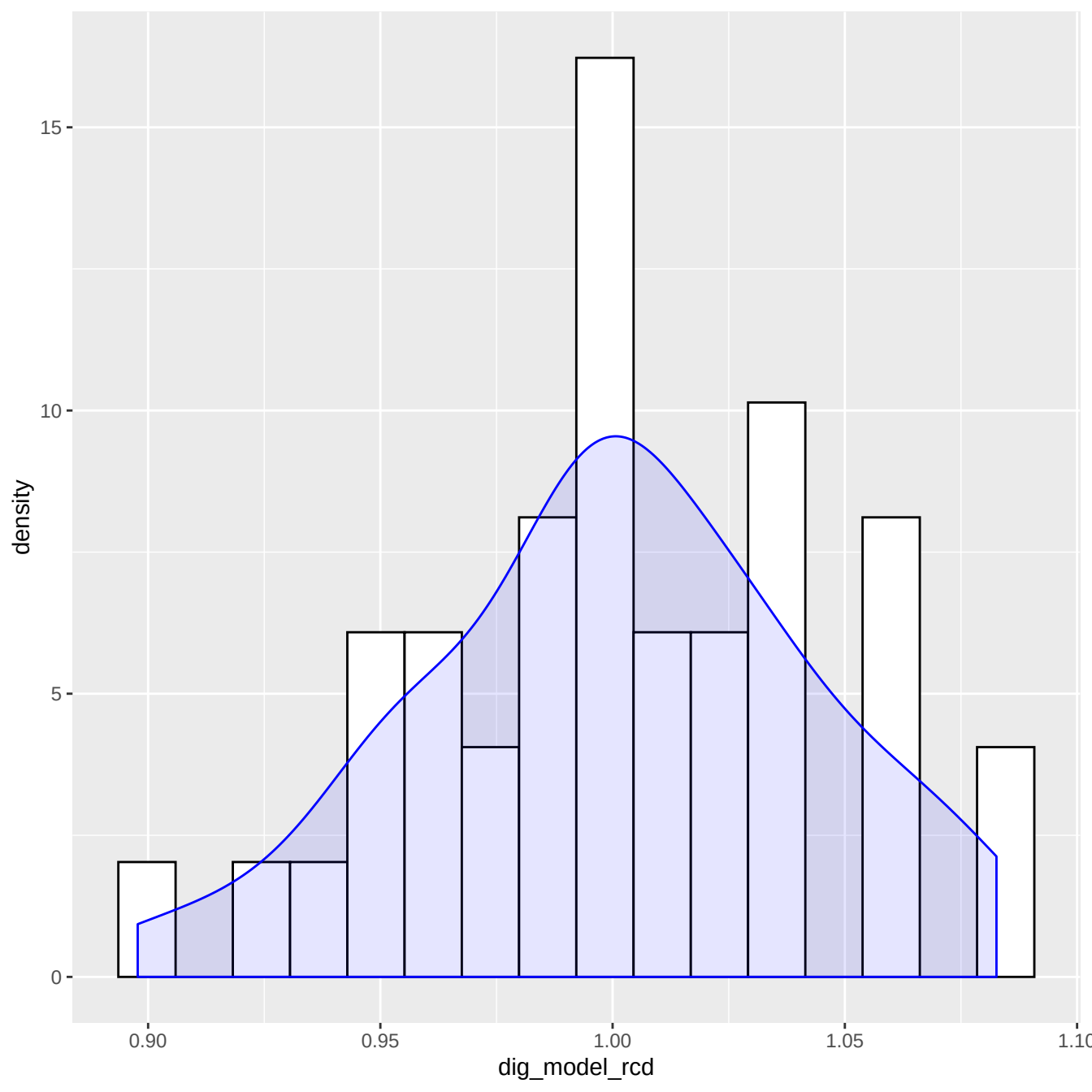
50
0
0.890
0.895
0.900
0.905
dig_model_auc


15
10
5
0
density
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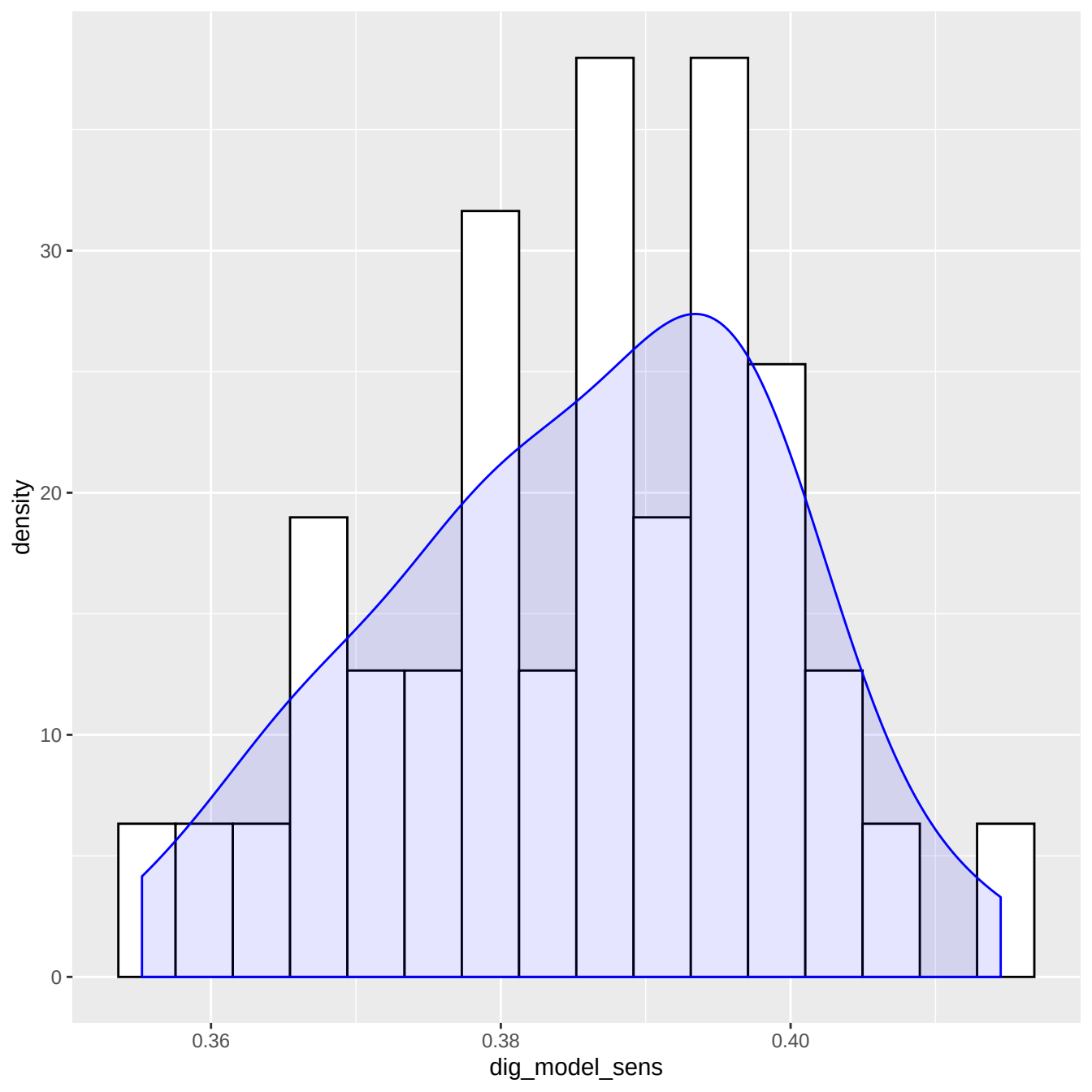
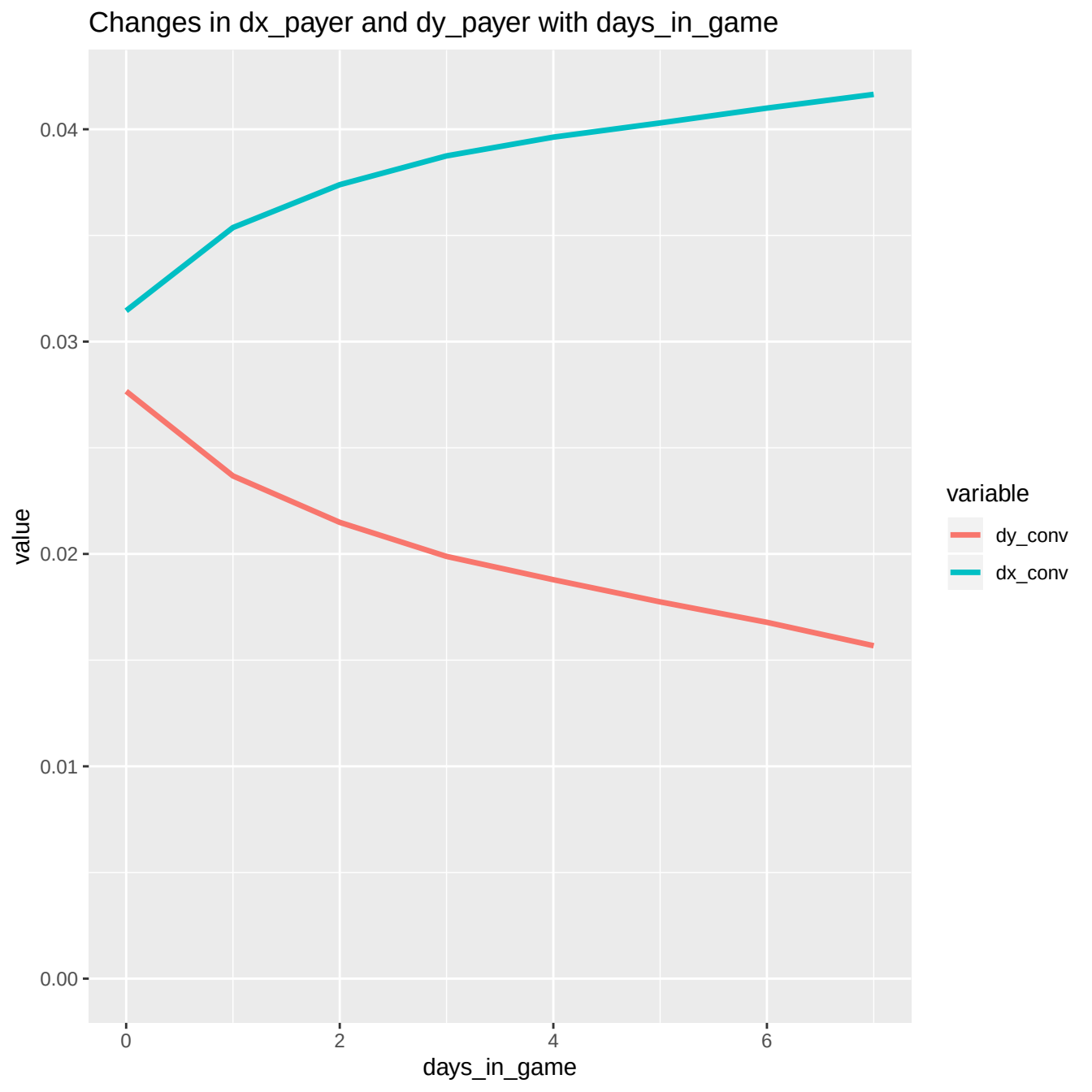
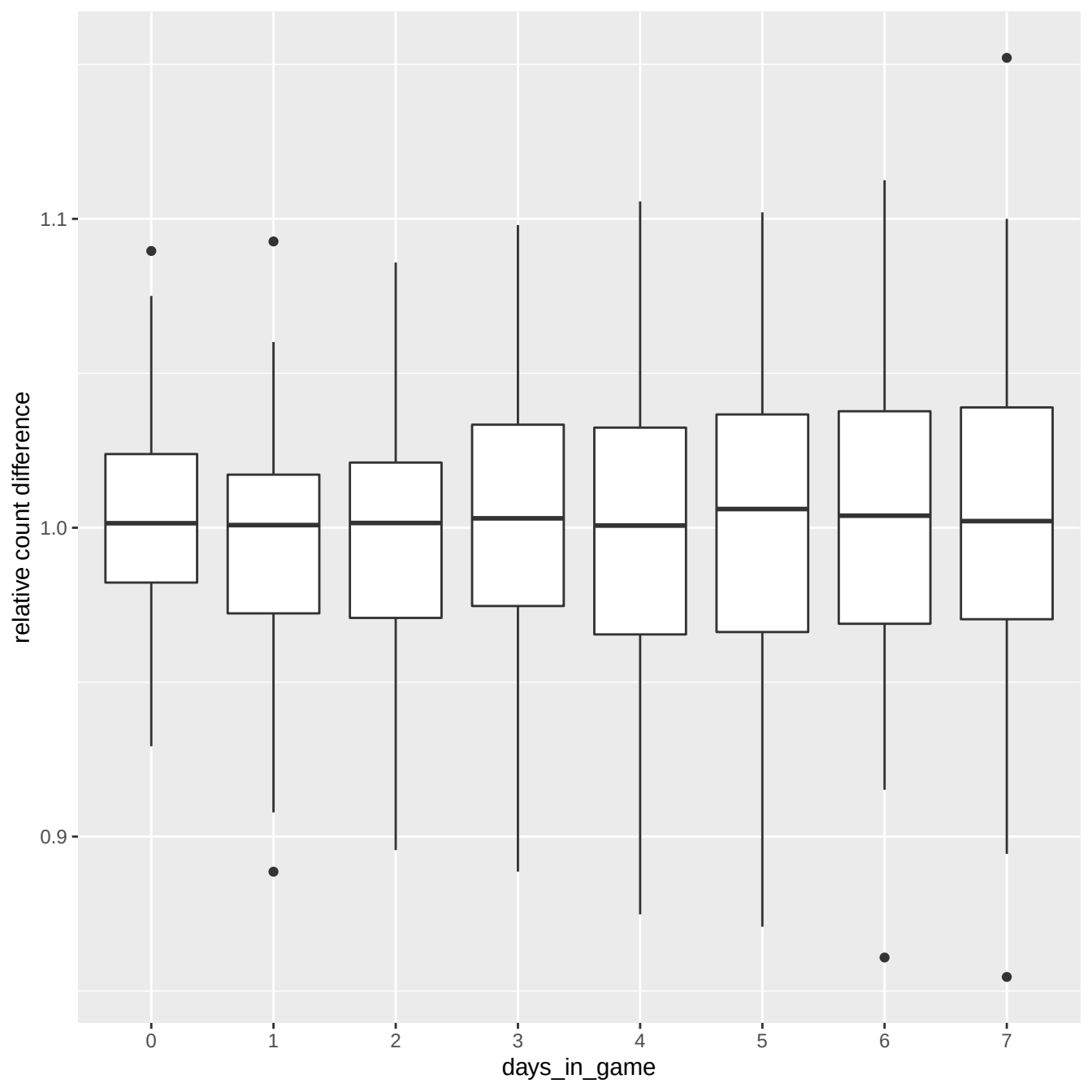
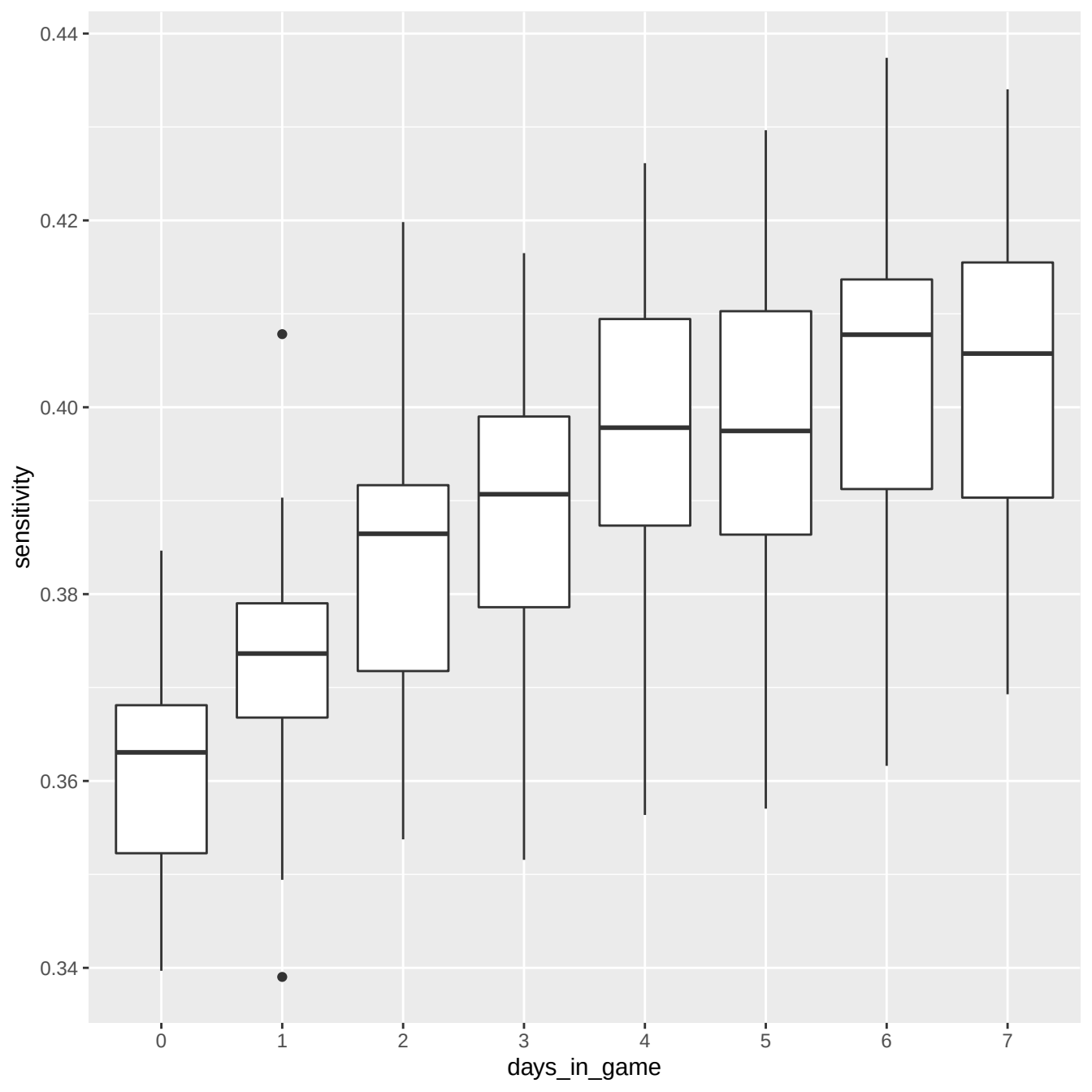
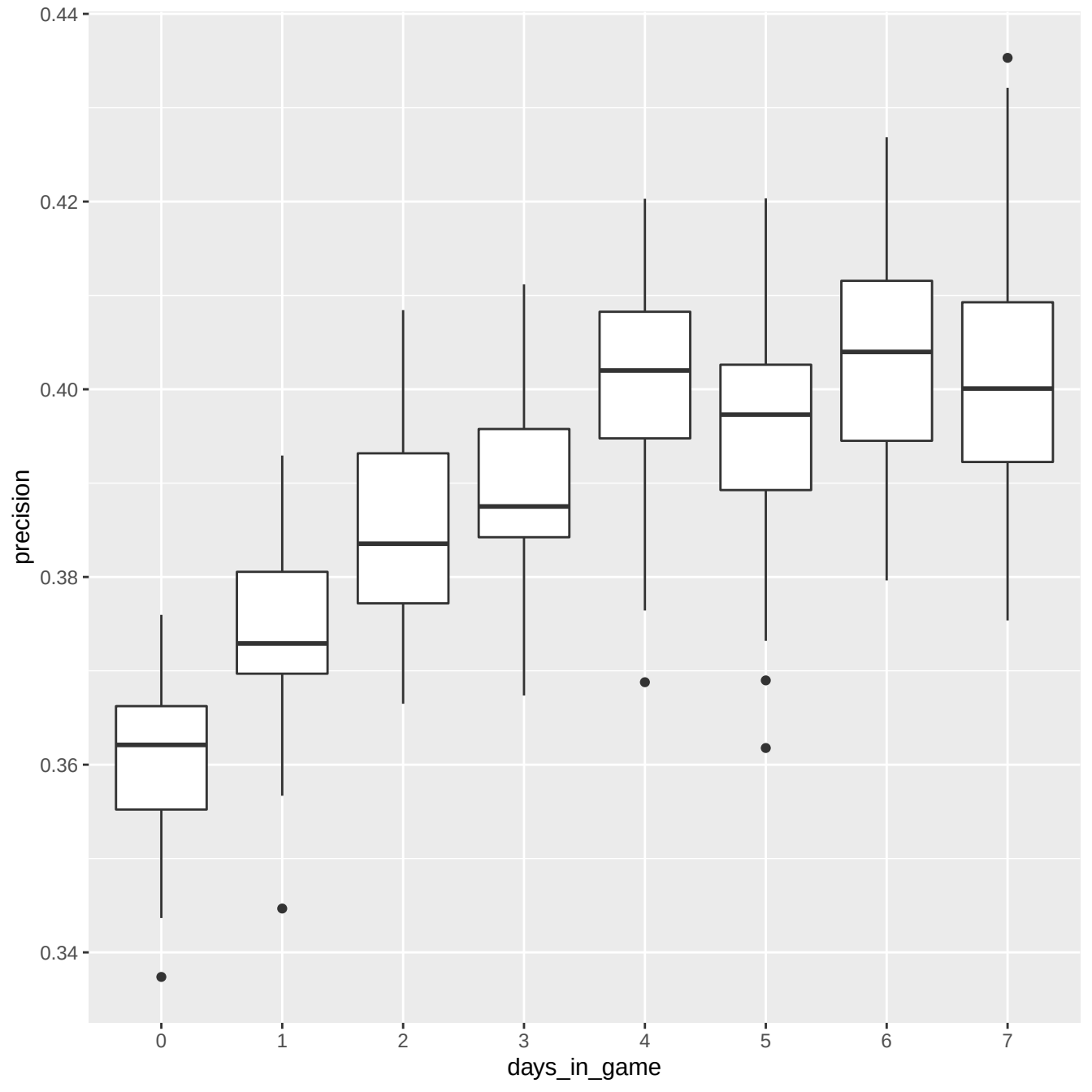
0.95
1.00
1.05
1.10
dig_model_rcd


density
30
20
10
0
0.36
0.38
0.40
dig_model_sens


Changes in dx_payer and dy_payer with days_in_game
0.04
0.03
0.02
0.01
0.00
value
0
2
4
6
days_in_game
variable
dy_conv
dx_conv


relative count difference
1.1
1.0
0.9
0
1
2
3
4
5
6
7
days_in_game


0.44
0.42
0.40
0.38
0.36
0.34
sensitivity
0
1
2
3
4
5
6
7
days_in_game


0.44
0.42
0.40
0.38
0.36
0.34
precision
0
1
2
3
4
5
6
7
days_in_game