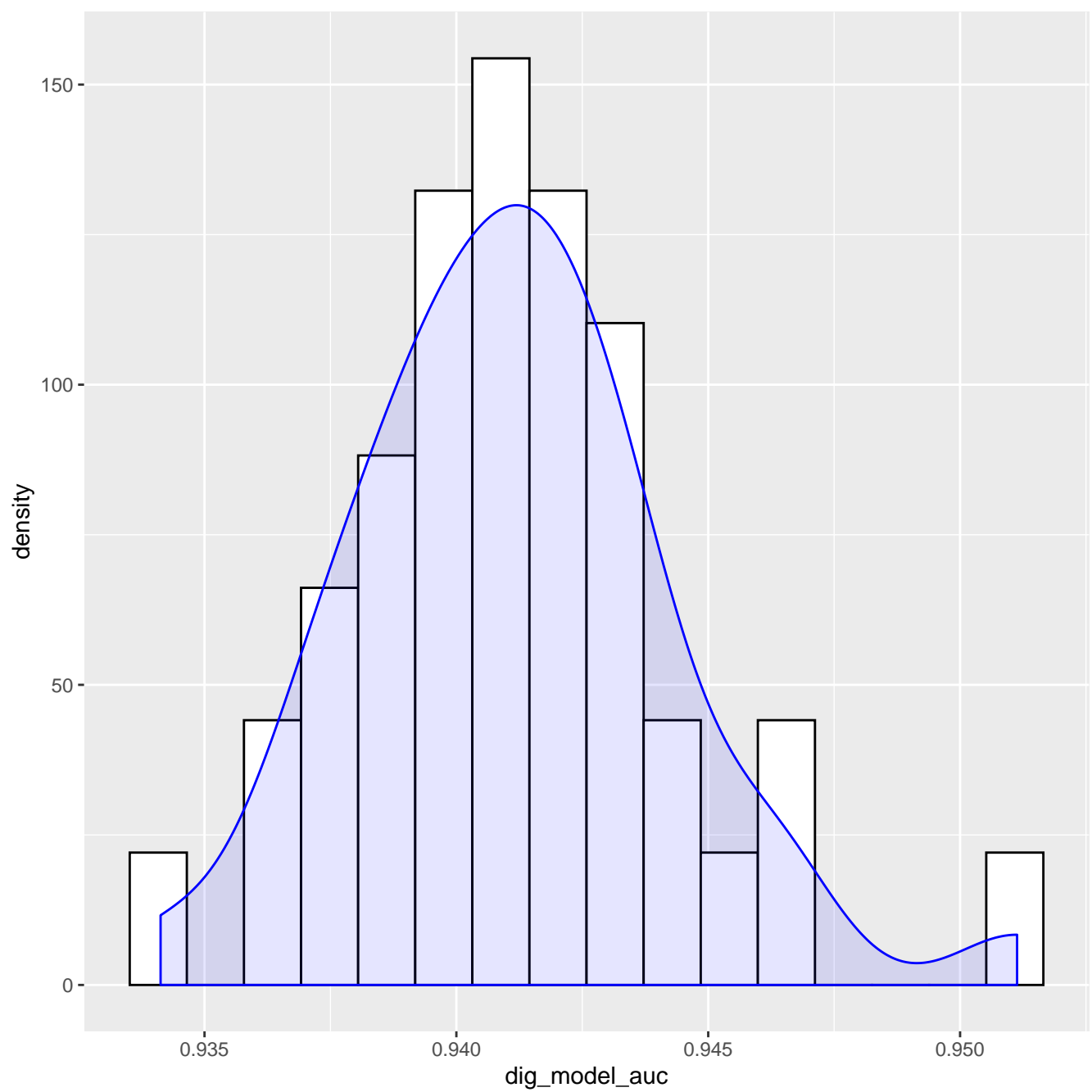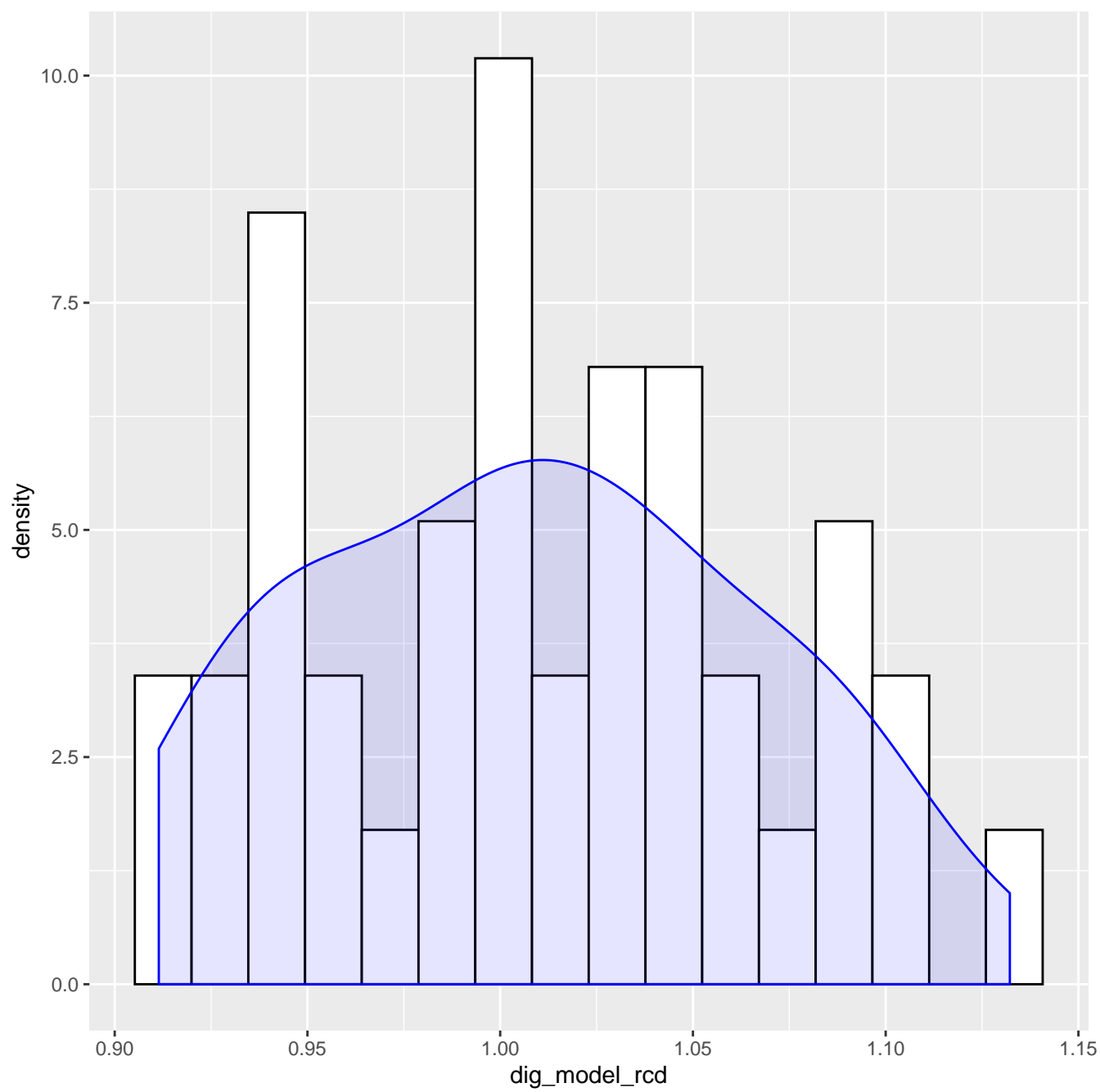```
$project
[1] "DA"

$platform
[1] "apple_appstore"

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

$sampleSize
[1] 2e+05

$testSampleSplit
[1] 0.5

$cvRunCount
[1] 40

$seed
[1] 1024
```
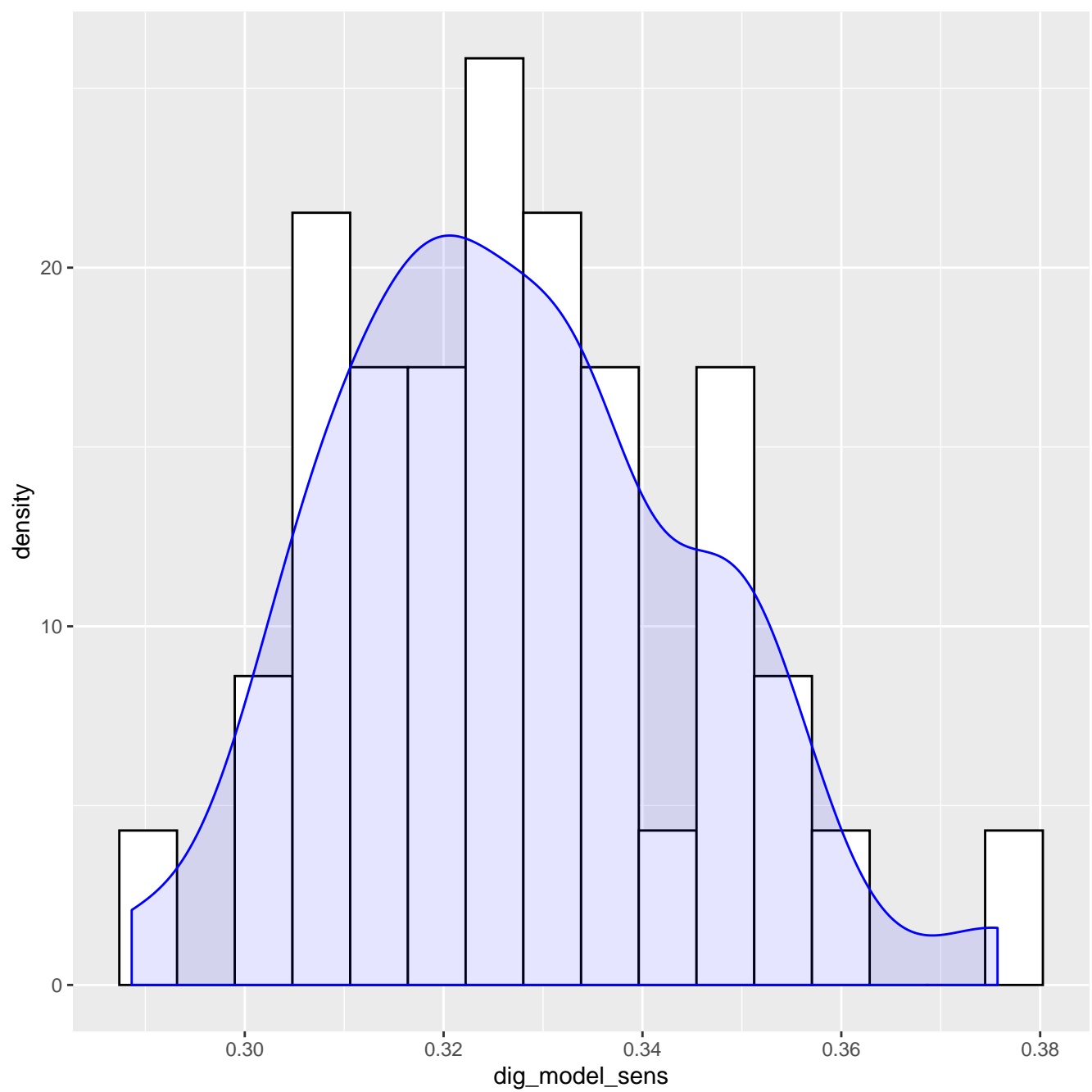
```
   cv_run_id   train_positives test_positives dig_model_auc   dig_model_rcd   dig_model_sens
 Min.   : 1.00   Min.   :2548   Min.   :2457   Min.   :0.9341   Min.   :0.9114   Min.   :0.2886
 1st Qu.:10.75   1st Qu.:2639   1st Qu.:2642   1st Qu.:0.9392   1st Qu.:0.9614   1st Qu.:0.3158
 Median :20.50   Median :2706   Median :2713   Median :0.9412   Median :1.0036   Median :0.3246
 Mean   :20.50   Mean   :2707   Mean   :2699   Mean   :0.9411   Mean   :1.0084   Mean   :0.3271
 3rd Qu.:30.25   3rd Qu.:2790   3rd Qu.:2758   3rd Qu.:0.9429   3rd Qu.:1.0464   3rd Qu.:0.3357
 Max.   :40.00   Max.   :2916   Max.   :2829   Max.   :0.9511   Max.   :1.1322   Max.   :0.3757
 dig_model_prec
 Min.   :0.2934
 1st Qu.:0.3159
 Median :0.3248
 Mean   :0.3248
 3rd Qu.:0.3339
 Max.   :0.3558
```

| | cv_run_id | train_positives | test_positives | dig_model_auc | dig_model_rcd | dig_model_sens | dig_model_prec |
|---|---|---|---|---|---|---|---|
| 1 | 1 | 2793 | 2599 | 0.9428755 | 1.0661793 | 0.3466718 | 0.3251534 |
| 2 | 2 | 2798 | 2642 | 0.9398282 | 0.9451173 | 0.3016654 | 0.3191830 |
| 3 | 3 | 2555 | 2817 | 0.9380872 | 0.9250976 | 0.3077742 | 0.3326938 |
| 4 | 4 | 2800 | 2642 | 0.9394107 | 1.0113550 | 0.3179410 | 0.3143713 |
| 5 | 5 | 2614 | 2723 | 0.9419572 | 0.9948586 | 0.3114212 | 0.3130306 |
| 6 | 6 | 2826 | 2620 | 0.9404270 | 1.0297710 | 0.3335878 | 0.3239437 |
| 7 | 7 | 2549 | 2829 | 0.9341280 | 0.9137504 | 0.3071757 | 0.3361702 |
| 8 | 8 | 2628 | 2715 | 0.9442101 | 0.9204420 | 0.3163904 | 0.3437375 |
| 9 | 9 | 2563 | 2765 | 0.9463151 | 1.0032550 | 0.3226040 | 0.3215573 |
| 10 | 10 | 2656 | 2680 | 0.9429992 | 0.9548507 | 0.3160448 | 0.3309887 |
| 11 | 11 | 2821 | 2632 | 0.9399725 | 1.1322188 | 0.3476444 | 0.3070470 |
| 12 | 12 | 2732 | 2688 | 0.9381497 | 0.9635417 | 0.3013393 | 0.3127413 |
| 13 | 13 | 2744 | 2674 | 0.9389231 | 1.0018699 | 0.3249813 | 0.3243748 |
| 14 | 14 | 2587 | 2743 | 0.9370175 | 0.9642727 | 0.3230040 | 0.3349716 |
| 15 | 15 | 2694 | 2718 | 0.9466583 | 1.0459897 | 0.3524650 | 0.3369680 |
| 16 | 16 | 2707 | 2674 | 0.9431130 | 0.9857891 | 0.3242334 | 0.3289074 |
| 17 | 17 | 2916 | 2457 | 0.9390689 | 1.0256410 | 0.3170533 | 0.3091270 |
| 18 | 18 | 2822 | 2650 | 0.9378793 | 1.0069811 | 0.3335849 | 0.3040936 |
| 19 | 19 | 2661 | 2722 | 0.9411767 | 1.0789860 | 0.3578251 | 0.3316309 |
| 20 | 20 | 2584 | 2819 | 0.9407600 | 1.0039021 | 0.3348705 | 0.3335689 |
| 21 | 21 | 2643 | 2725 | 0.9413532 | 1.0231193 | 0.3236697 | 0.3163558 |
| 22 | 22 | 2683 | 2796 | 0.9376588 | 0.9463519 | 0.2886266 | 0.3049887 |
| 23 | 23 | 2726 | 2723 | 0.9434816 | 1.0594932 | 0.3452075 | 0.3258232 |
| 24 | 24 | 2658 | 2635 | 0.9412369 | 0.9795066 | 0.3313093 | 0.3382410 |
| 25 | 25 | 2704 | 2684 | 0.9411752 | 1.0402385 | 0.3301043 | 0.3173352 |
| 26 | 26 | 2722 | 2669 | 0.9454984 | 1.0857999 | 0.3484451 | 0.3209110 |
| 27 | 27 | 2713 | 2709 | 0.9415916 | 0.9431525 | 0.3355482 | 0.3557730 |
| 28 | 28 | 2612 | 2795 | 0.9442604 | 1.0214669 | 0.3355993 | 0.3285464 |
| 29 | 29 | 2758 | 2782 | 0.9436595 | 1.0478073 | 0.3360891 | 0.3207547 |
| 30 | 30 | 2742 | 2721 | 0.9416993 | 0.9808894 | 0.3259831 | 0.3323342 |
| 31 | 31 | 2548 | 2711 | 0.9398099 | 0.9981557 | 0.3083733 | 0.3089431 |
| 32 | 32 | 2626 | 2823 | 0.9408722 | 1.0350691 | 0.3053489 | 0.2950034 |
| 33 | 33 | 2895 | 2540 | 0.9425605 | 1.0905512 | 0.3503937 | 0.3212996 |
| 34 | 34 | 2648 | 2813 | 0.9425532 | 0.9971561 | 0.3515819 | 0.3525847 |
| 35 | 35 | 2658 | 2755 | 0.9361730 | 0.9114338 | 0.3099819 | 0.3401035 |
| 36 | 36 | 2789 | 2716 | 0.9395715 | 0.9396171 | 0.3195876 | 0.3401254 |
| 37 | 37 | 2849 | 2589 | 0.9392343 | 1.0448049 | 0.3329471 | 0.3186691 |
| 38 | 38 | 2715 | 2635 | 0.9511319 | 1.0986717 | 0.3757116 | 0.3419689 |
| 39 | 39 | 2689 | 2785 | 0.9421928 | 0.9439856 | 0.3149013 | 0.3335869 |
| 40 | 40 | 2866 | 2533 | 0.9368324 | 1.0833004 | 0.3178050 | 0.2933673 |

Changes in dx_payer and dy_payer with days_in_game