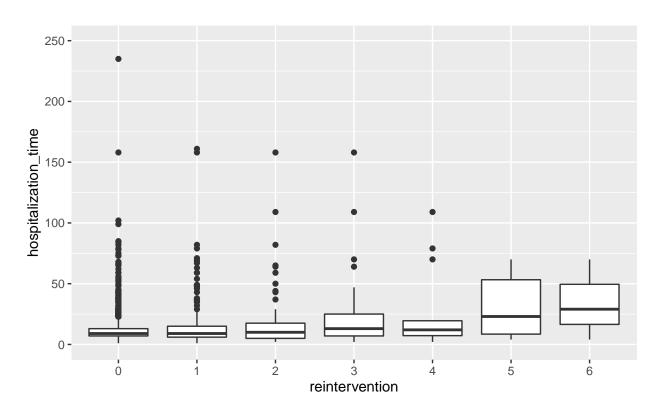
Reinterventions exploration

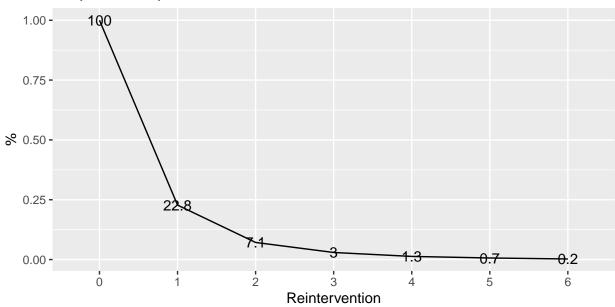
Hospitalization Time



```
##
      {\tt reintervention} \ 0\%
                            25% 50%
                                       75% 100%
## 1:
                           7.00
                                   9 13.00
                                            235
## 2:
                     1
                        1
                           6.00
                                   9 15.00 1475
## 3:
                           5.00
                                 10 17.50
                                            158
                    3
## 4:
                           7.00
                                 13 25.00
                                            158
## 5:
                                 12 19.50
                                            109
                           7.25
## 6:
                           8.50
                                 23 53.25
                                             70
                                 29 49.50
## 7:
                        4 16.50
                                             70
```

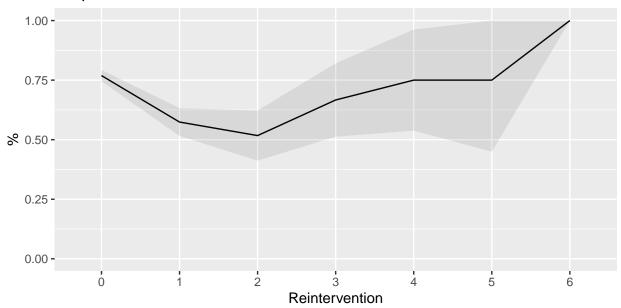
Proportion of reinterventions

Proportion of patients, total 1217



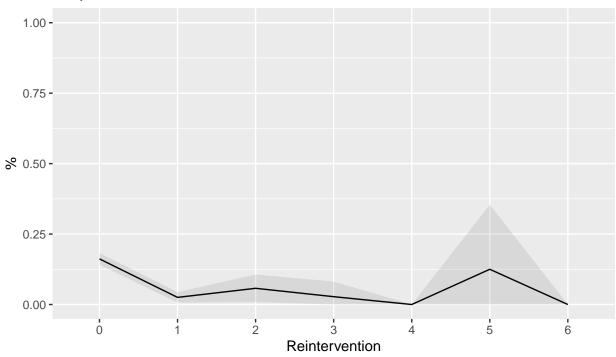
Proportion of SICU transfers

Proportion of transferred to SICU

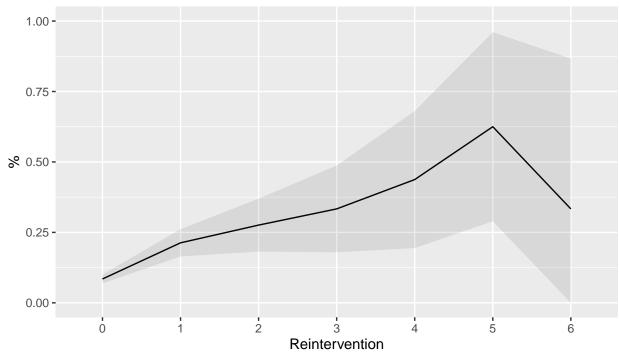


Evolution of surgeries

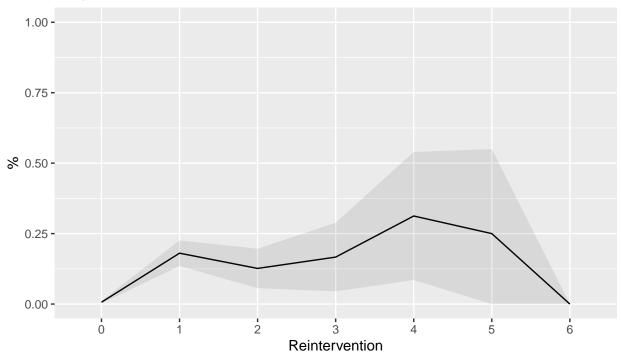
Proportion of 3CO



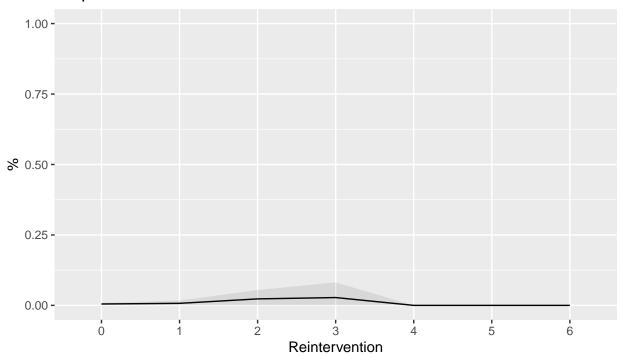
Proportion of Implant removal



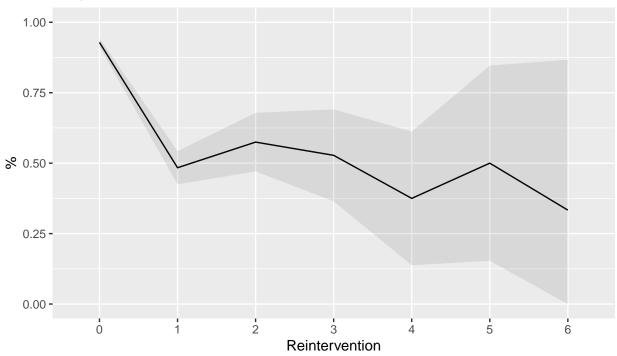
Proportion of Infection Debridement



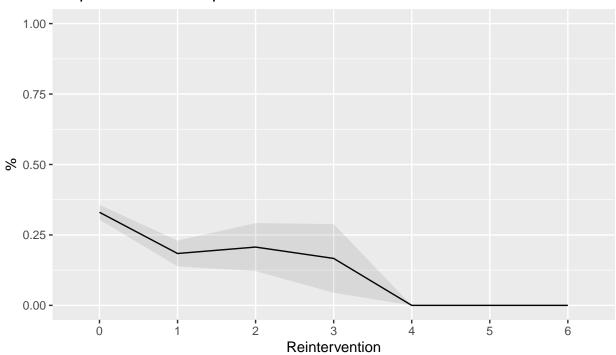
Proportion of Anterior Instrumented Fusion



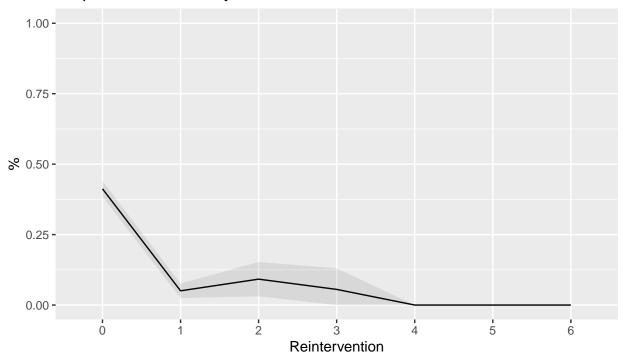
Proportion of Posterior Instrumented Fusion



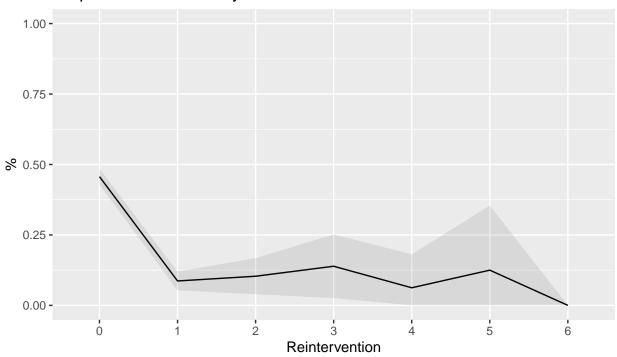
Proportion of Decompression



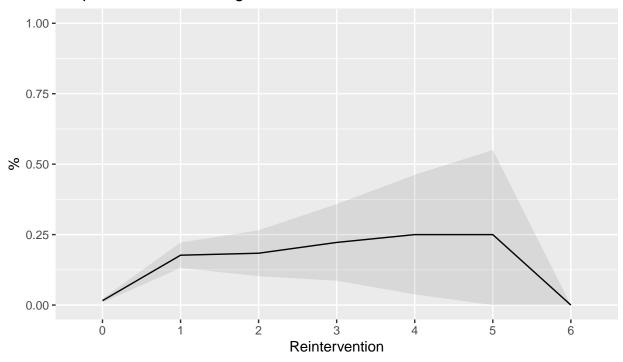
Proportion of Interbody Fusion



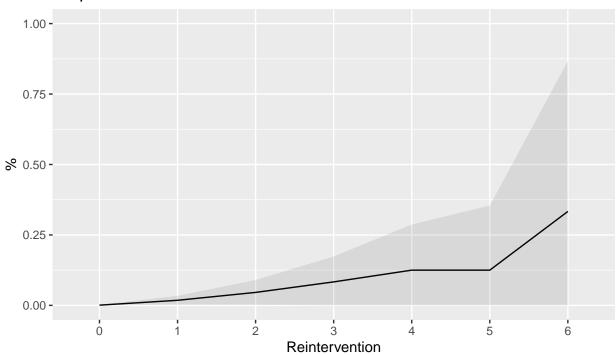
Proportion of Osteotomy



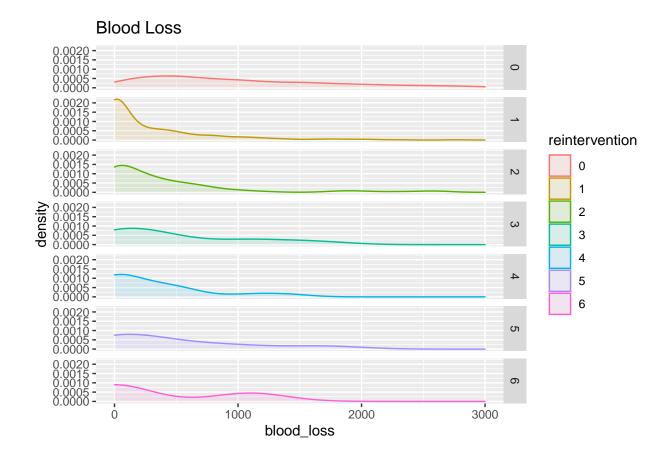
Proportion of Rod change



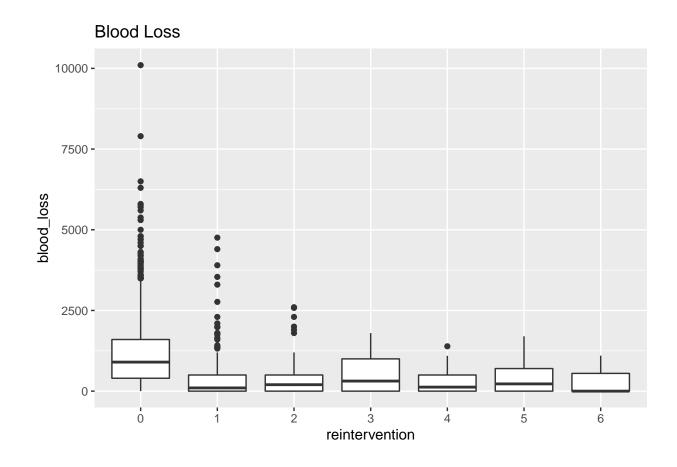
Proportion of Scar revision



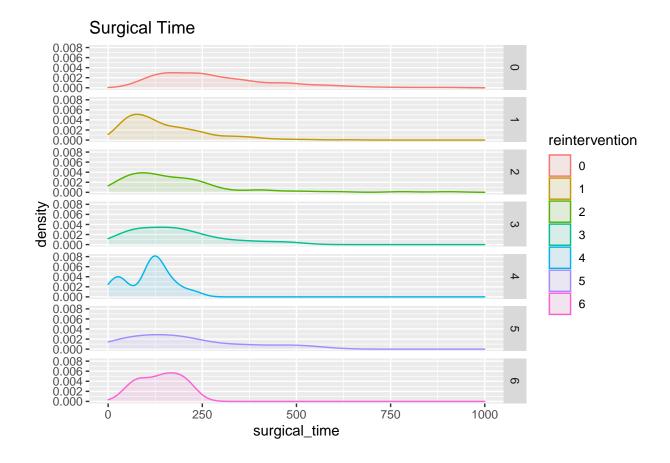
Warning: Removed 108 rows containing non-finite values (stat_density).



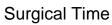
Warning: Removed 39 rows containing non-finite values (stat_boxplot).

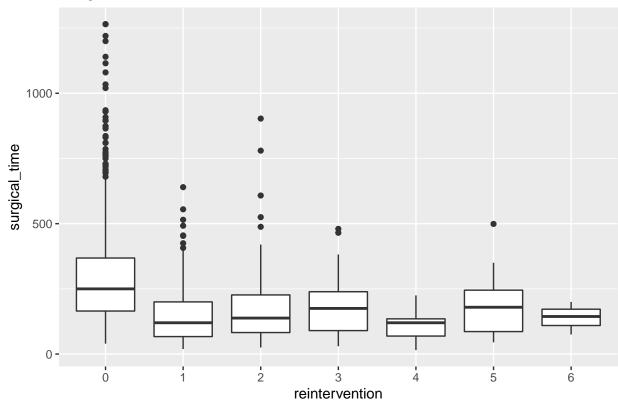


Warning: Removed 37 rows containing non-finite values (stat_density).



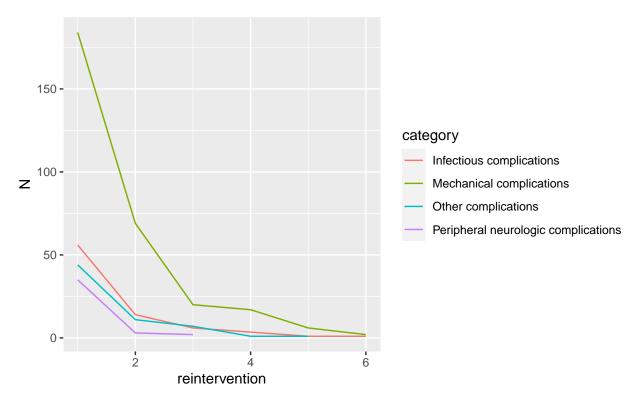
Warning: Removed 28 rows containing non-finite values (stat_boxplot).

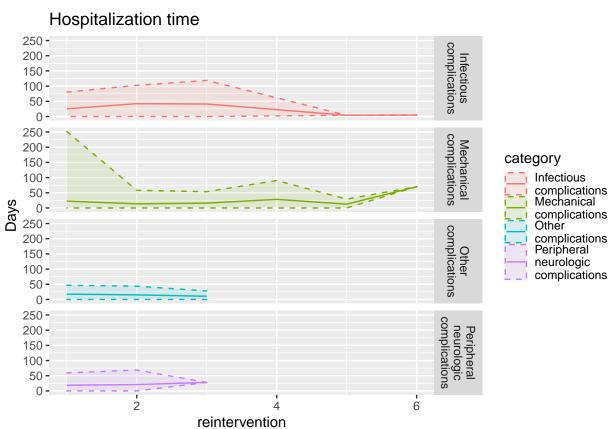




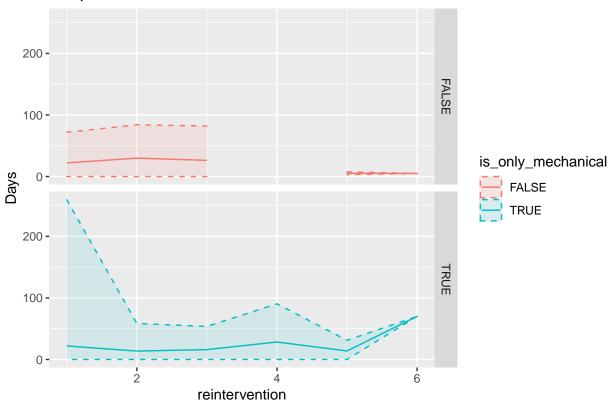
Complications

```
complications %>%
  .['Complication Type'=='Primary'] %>%
  .['Reoperation Due to Complication'=='Yes'] ->
  complications_
```



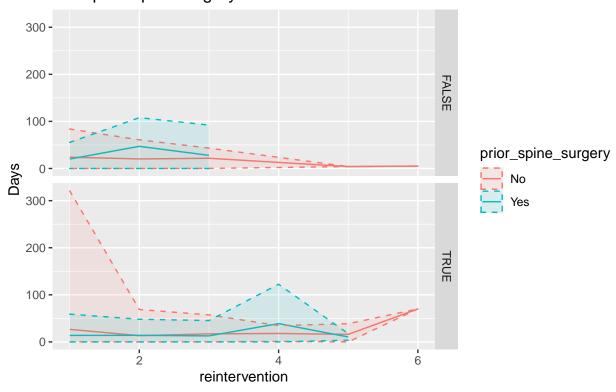


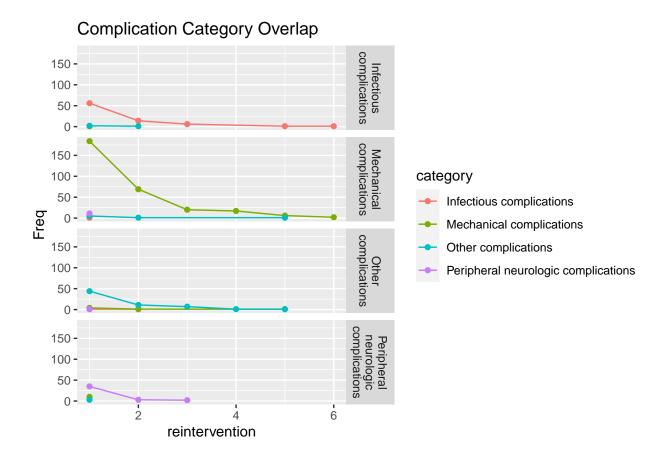
Hospitalization time for ONLY mechanical interventions

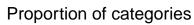


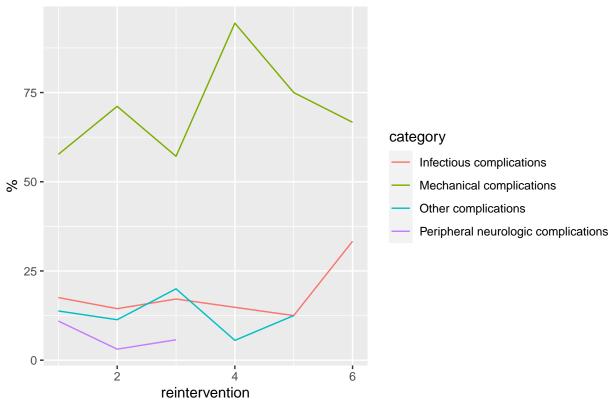
Warning: Removed 1 row(s) containing missing values (geom_path).

Hospitalization time for ONLY mechanical interventions with prior spine surgery – differences in means

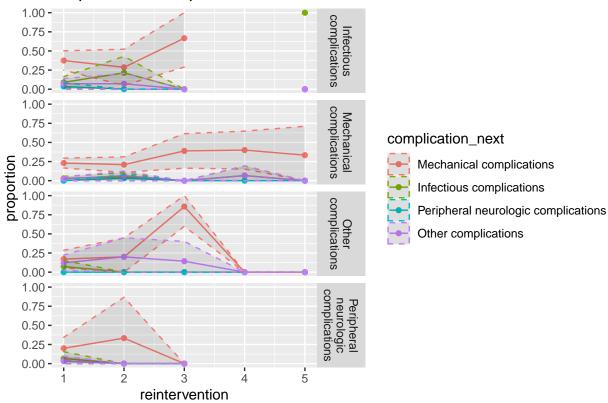






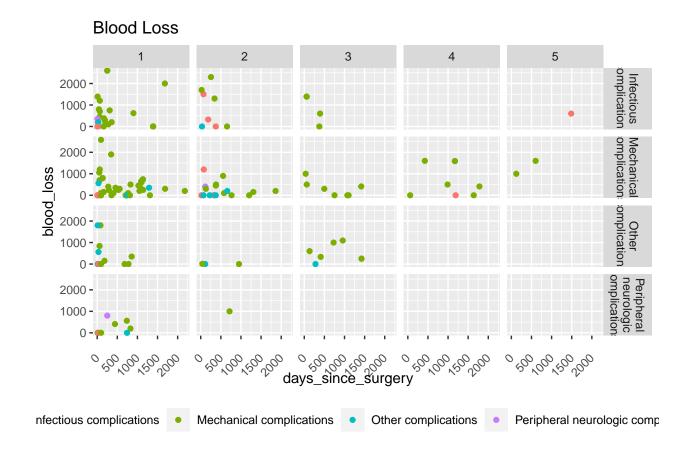




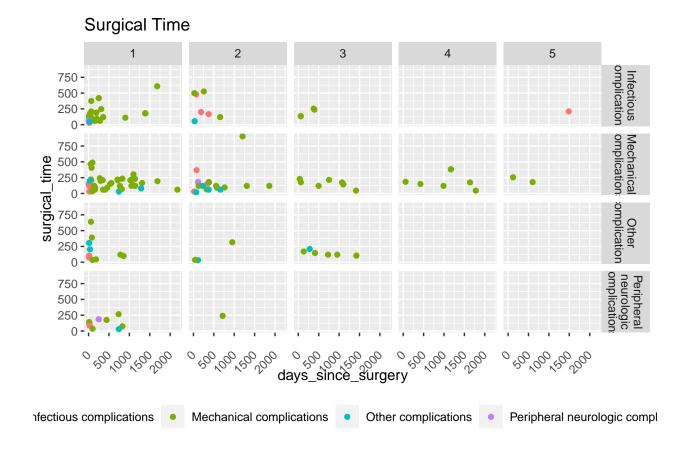


Comparation with next reintervention

Warning: Removed 6 rows containing missing values (geom_point).

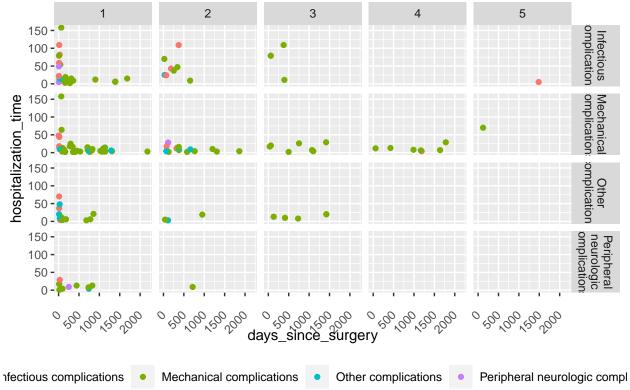


Warning: Removed 14 rows containing missing values (geom_point).



Warning: Removed 15 rows containing missing values (geom_point).



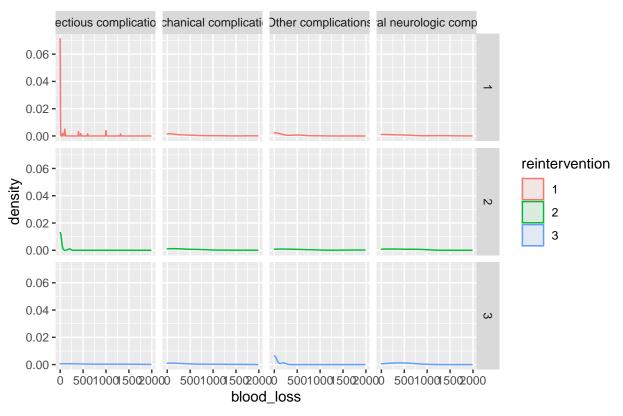


By Complication type & Reintervention

Blood Loss

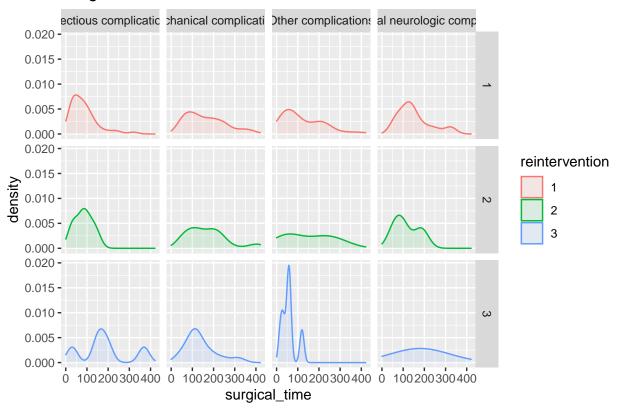
Warning: Removed 18 rows containing non-finite values (stat_density).

Blood Loss



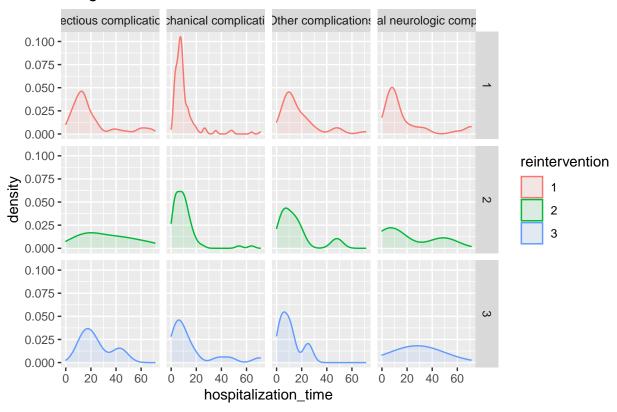
Warning: Removed 40 rows containing non-finite values (stat_density).

Surgical Time



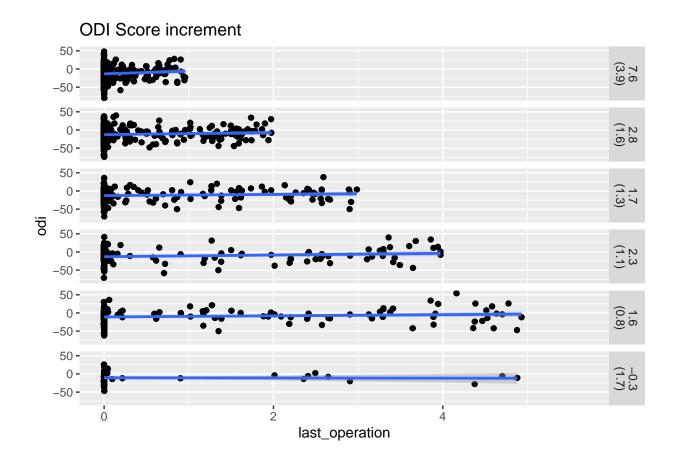
Warning: Removed 22 rows containing non-finite values (stat_density).

Surgical Time



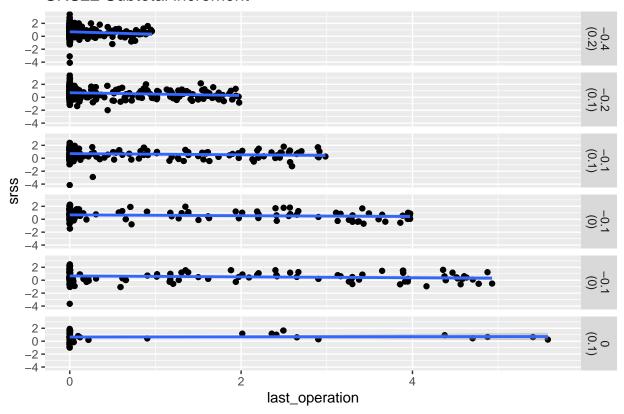
Quality life increment for reinterventions

'geom_smooth()' using formula 'y ~ x'

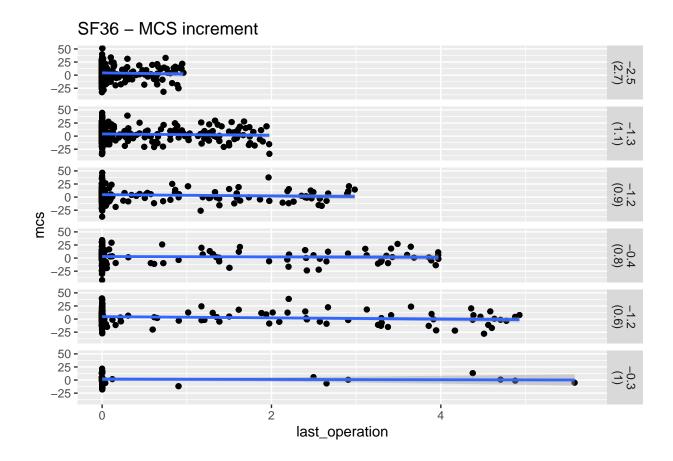


'geom_smooth()' using formula 'y ~ x'

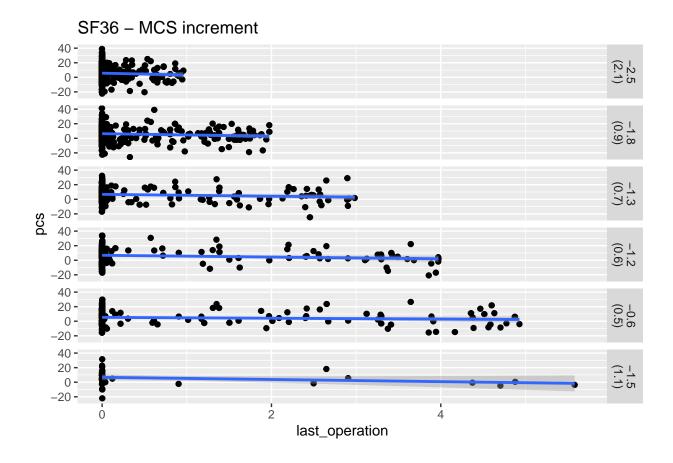
SRS22 Subtotal increment



'geom_smooth()' using formula 'y ~ x'



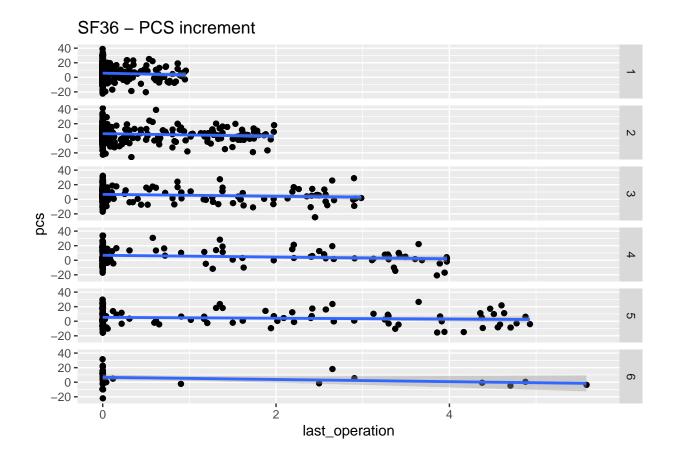
'geom_smooth()' using formula 'y ~ x'



Had Intervention

For each outcome year, whether the pacient had an intervention before the questionaire

'geom_smooth()' using formula 'y ~ x'

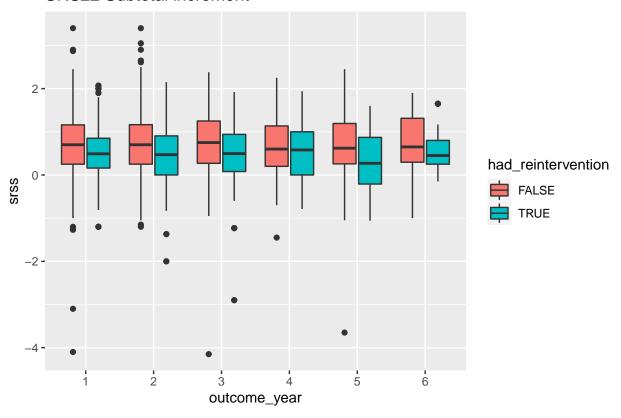


Warning: Removed 6242 rows containing non-finite values (stat_boxplot).

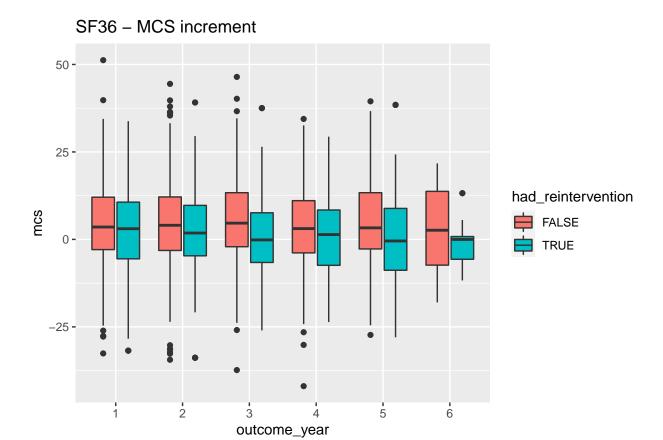
ODI Score increment had_reintervention FALSE TRUE

Warning: Removed 6149 rows containing non-finite values (stat_boxplot).

SRS22 Subtotal increment



 $\hbox{\tt \#\# Warning: Removed 6447 rows containing non-finite values (stat_boxplot).}$



Warning: Removed 6449 rows containing non-finite values (stat_boxplot).



