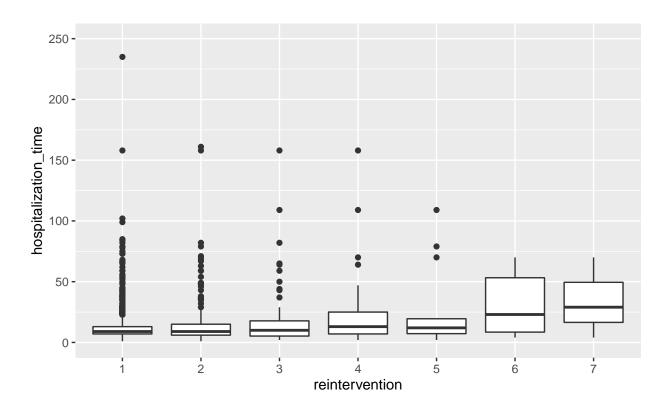
Reinterventions exploration

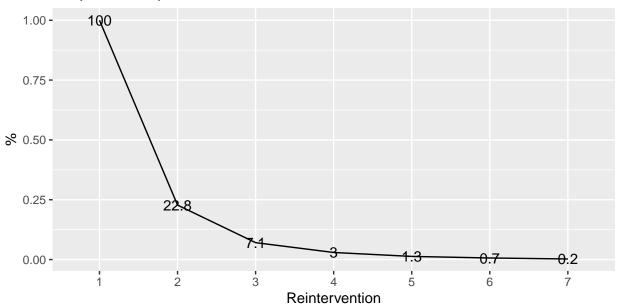
Hospitalization Time



```
##
      {\tt reintervention} \ 0\%
                            25% 50%
                                       75% 100%
## 1:
                           7.00
                                  9 13.00
                                            235
## 2:
                    2
                       1
                           6.00
                                  9 15.00 1475
## 3:
                           5.25
                                 10 17.75
                                            158
## 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
```

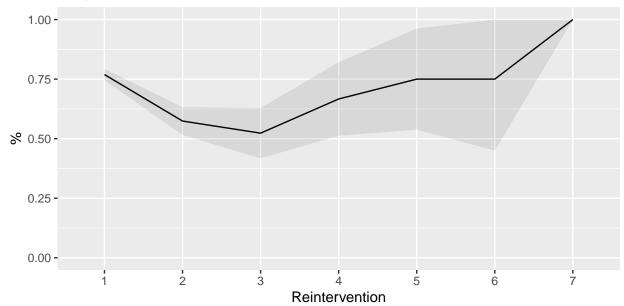
Proportion of reinterventions

Proportion of patients, total 1217



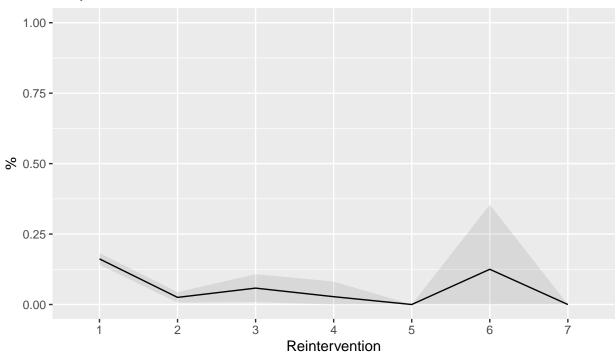
Proportion of SICU transfers

Proportion of transferred to SICU

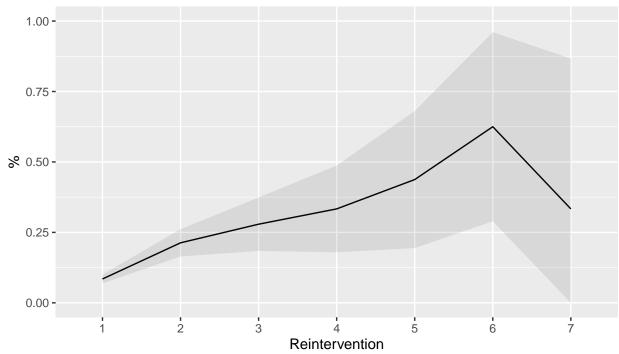


Evolution of surgeries

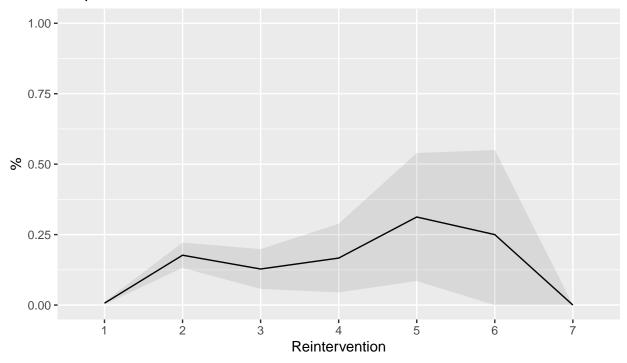
Proportion of 3CO



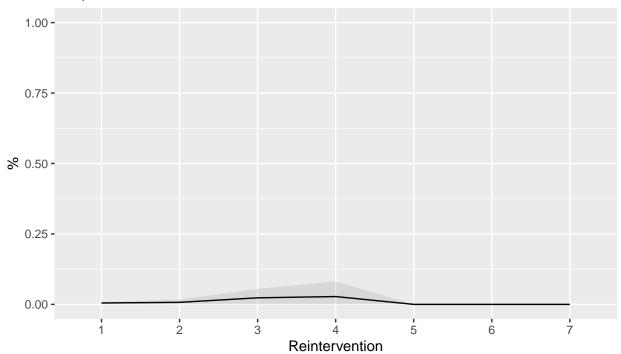
Proportion of Implant removal



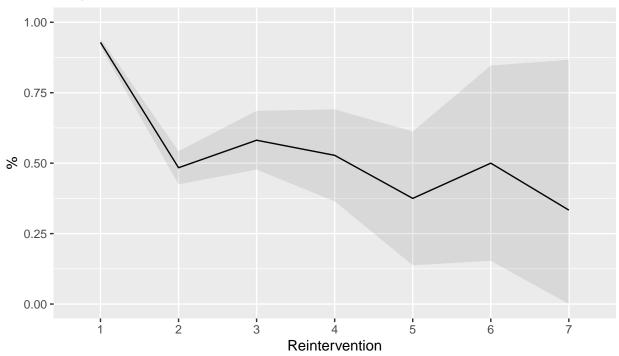
Proportion of Infection Debridement



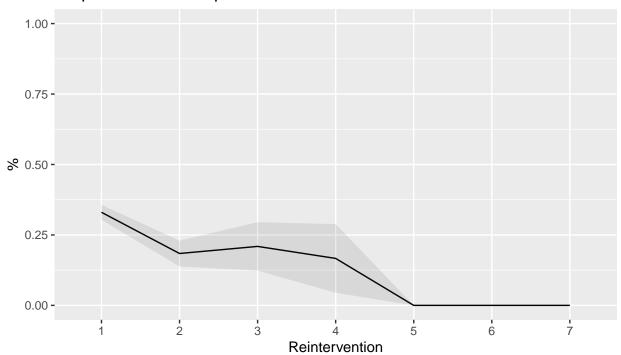
Proportion of Anterior Instrumented Fusion



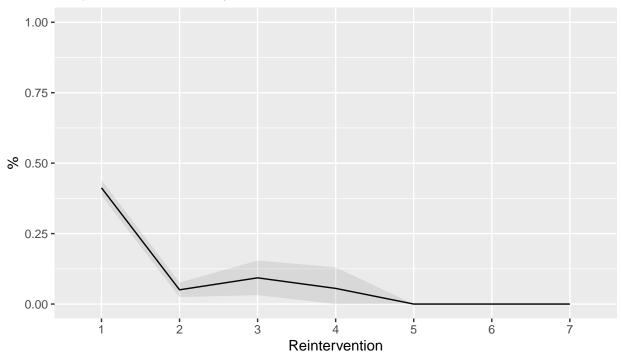
Proportion of Posterior Instrumented Fusion



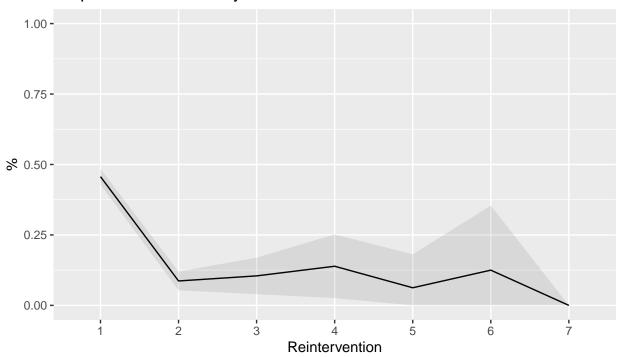
Proportion of Decompression



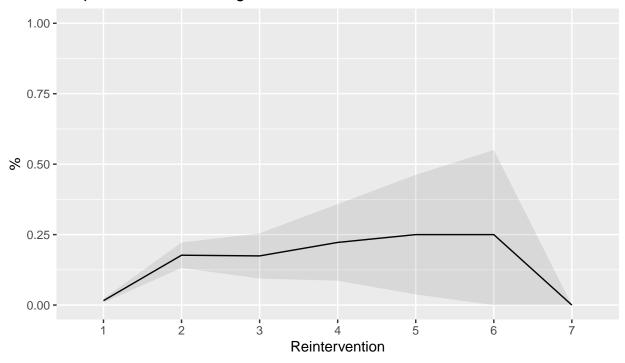
Proportion of Interbody Fusion



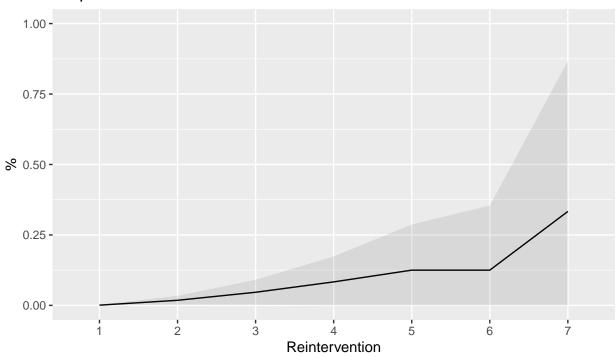
Proportion of Osteotomy



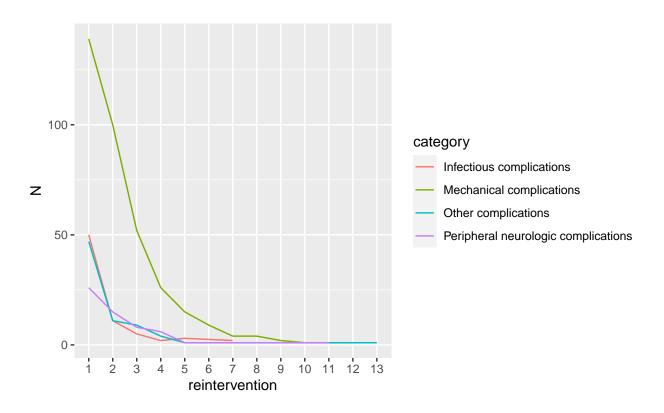
Proportion of Rod change



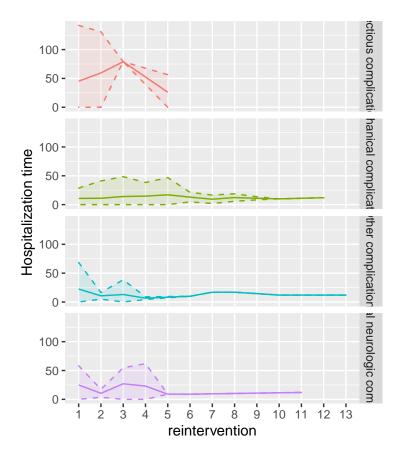
Proportion of Scar revision



Complications



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



category

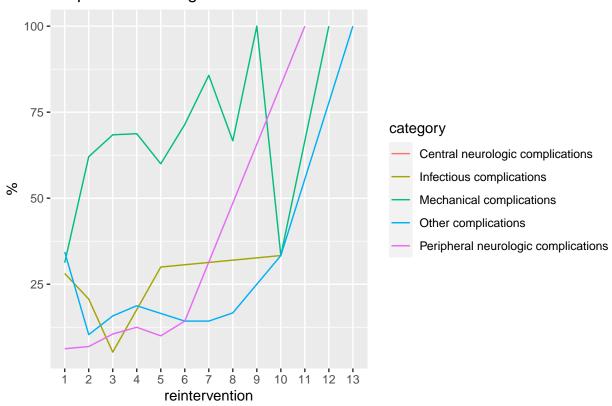
Infectious complications

Mechanical complications

Other complications

Peripheral neurologic complications

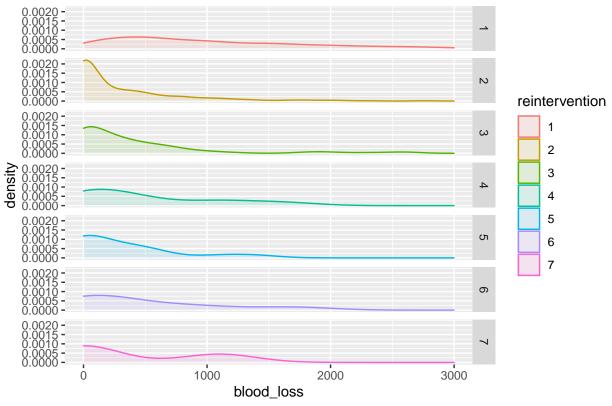
Proportion of categories



```
time_evolution %>%
   ggplot(aes(blood_loss, fill=reintervention, color=reintervention)) +
   geom_density(alpha=0.1) +
   ggtitle('Blood Loss') +
   xlim(c(0, 3000))+
   facet_grid(reintervention~.)
```

Warning: Removed 107 rows containing non-finite values (stat_density).

Blood Loss



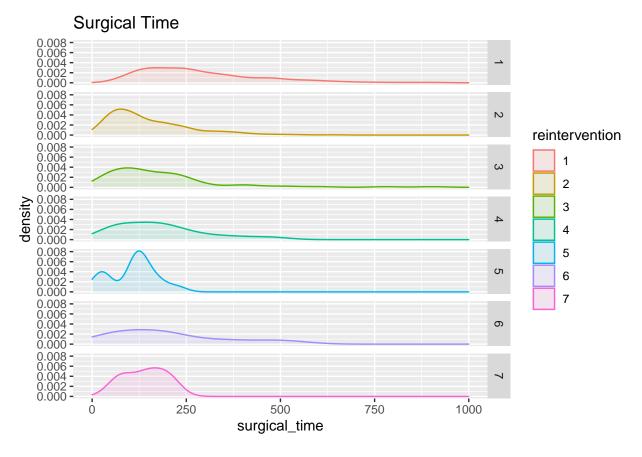
```
time_evolution %>%
  ggplot(aes(reintervention, blood_loss)) +
  geom_boxplot() +
  ggtitle('Blood_Loss')
```

Warning: Removed 38 rows containing non-finite values (stat_boxplot).

Blood Loss 10000 - 750

```
time_evolution %>%
    ggplot(aes(surgical_time, fill=reintervention, color=reintervention)) +
    geom_density(alpha=0.1) +
    ggtitle('Surgical Time') +
    xlim(c(0, 1000 ))+
    facet_grid(reintervention~.)
```

Warning: Removed 36 rows containing non-finite values (stat_density).



```
time_evolution %>%
   ggplot(aes(reintervention, surgical_time)) +
   geom_boxplot() +
   ggtitle('Blood Loss')
```

Warning: Removed 27 rows containing non-finite values (stat_boxplot).

