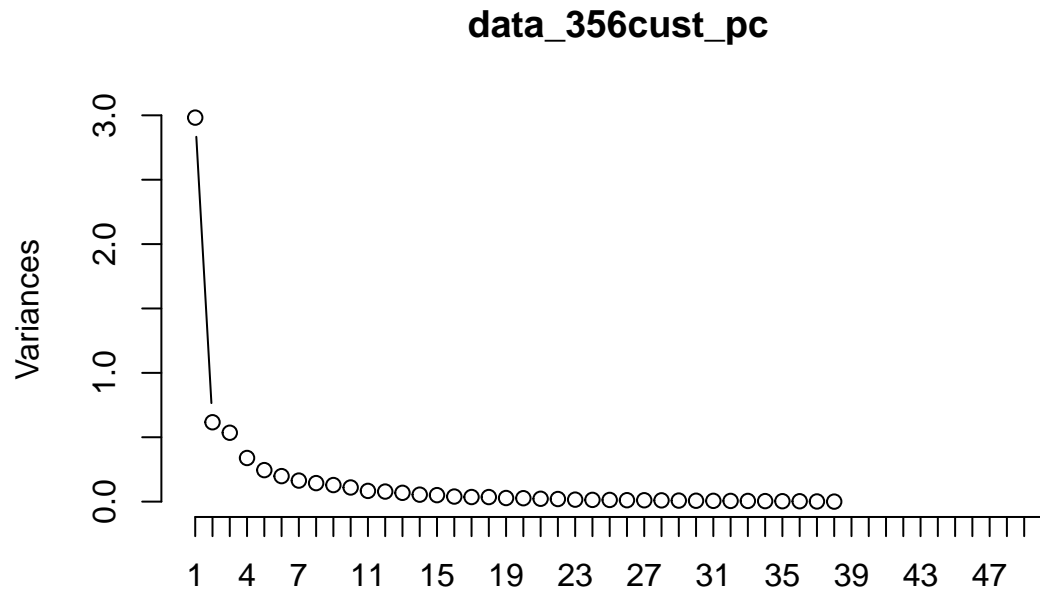


Abstract

Keywords:

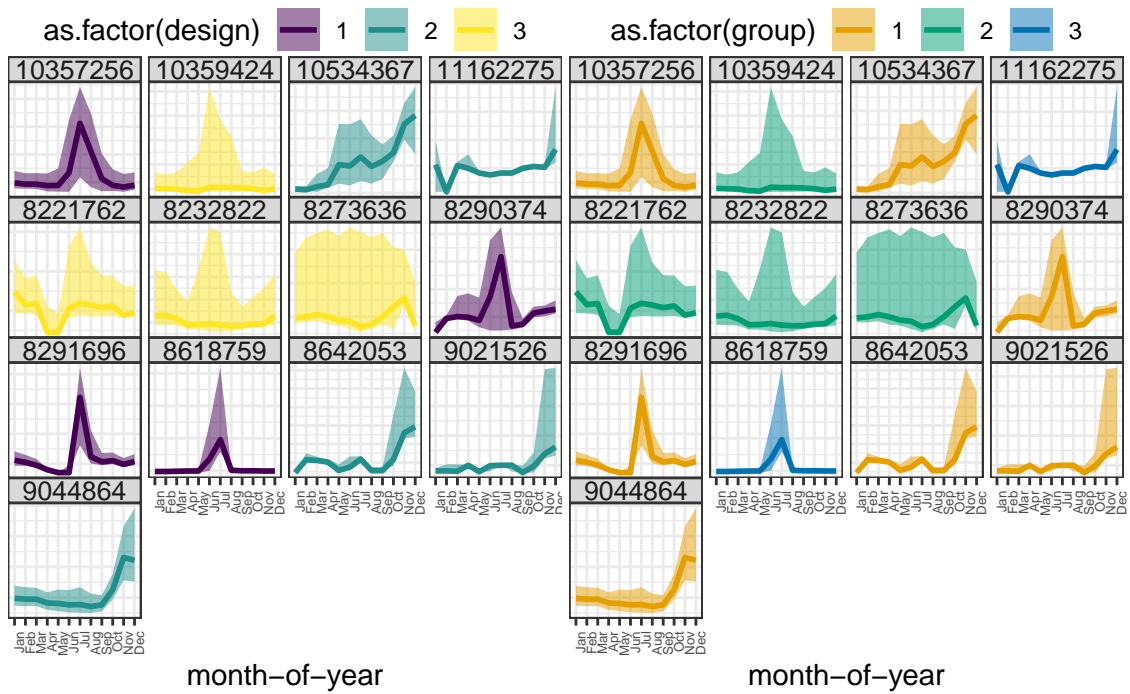
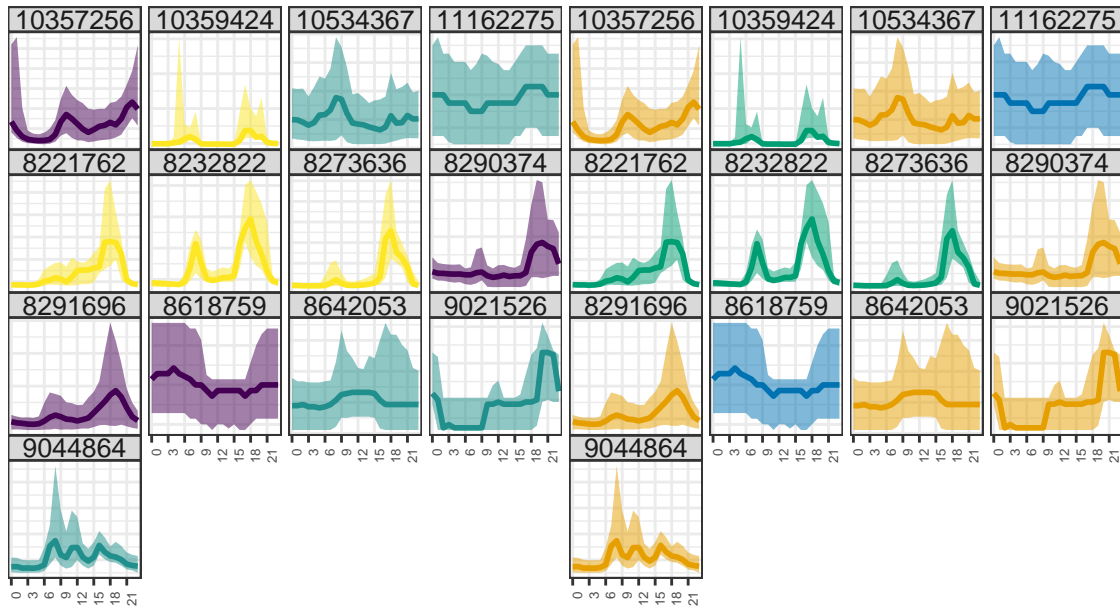
How the designs look

1 robust scaling



```
##  
## Attaching package: 'plotly'  
  
## The following object is masked from 'package:ggplot2':  
##  
##   last_plot  
  
## The following object is masked from 'package:stats':  
##  
##   filter  
  
## The following object is masked from 'package:graphics':  
##  
##   layout  
  
## Joining, by = "customer_serial_id"  
## Joining, by = "customer_serial_id"  
## Joining, by = "customer_serial_id"
```

```
## 10357256 10359424 10534367 11162275 8221762 8232822 8273636 8290374
##          1          2          1          3          2          2          2          1
## 8291696 8618759 8642053 9021526 9044864
##          1          3          1          1          1
```



as.factor(design) 1 2 3 as.factor(group) 1 2 3