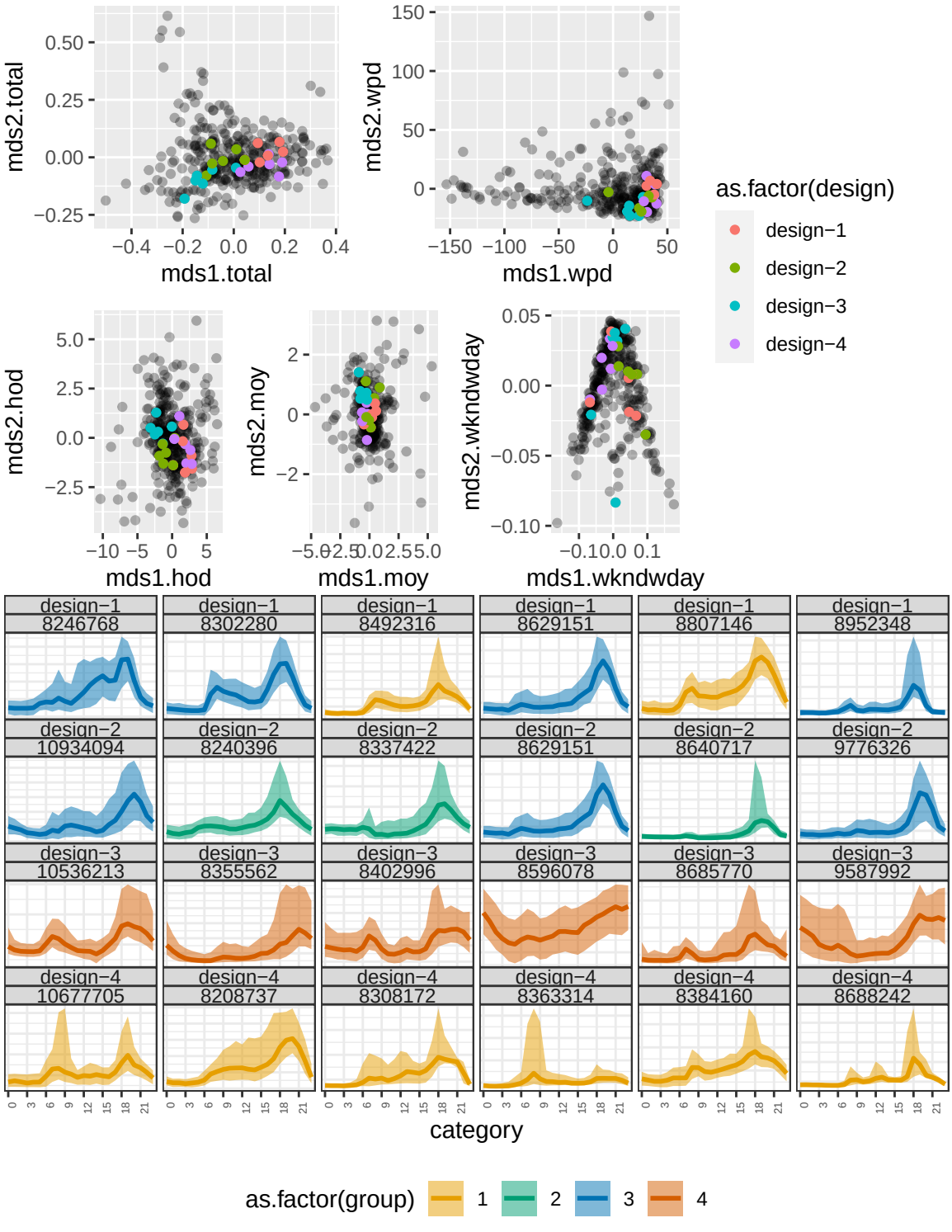
Abstract

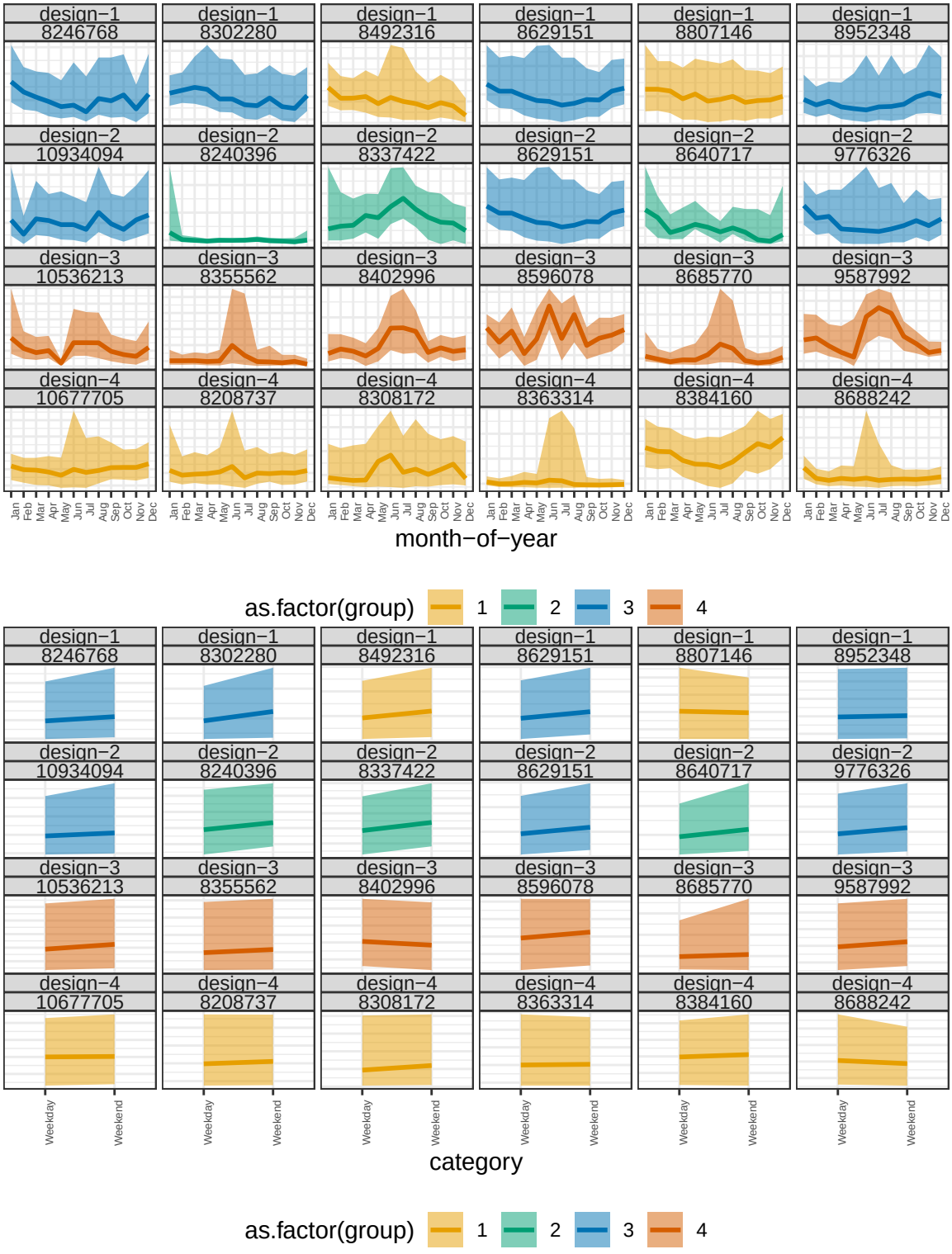
Clustering elements based on behavior across time granularities

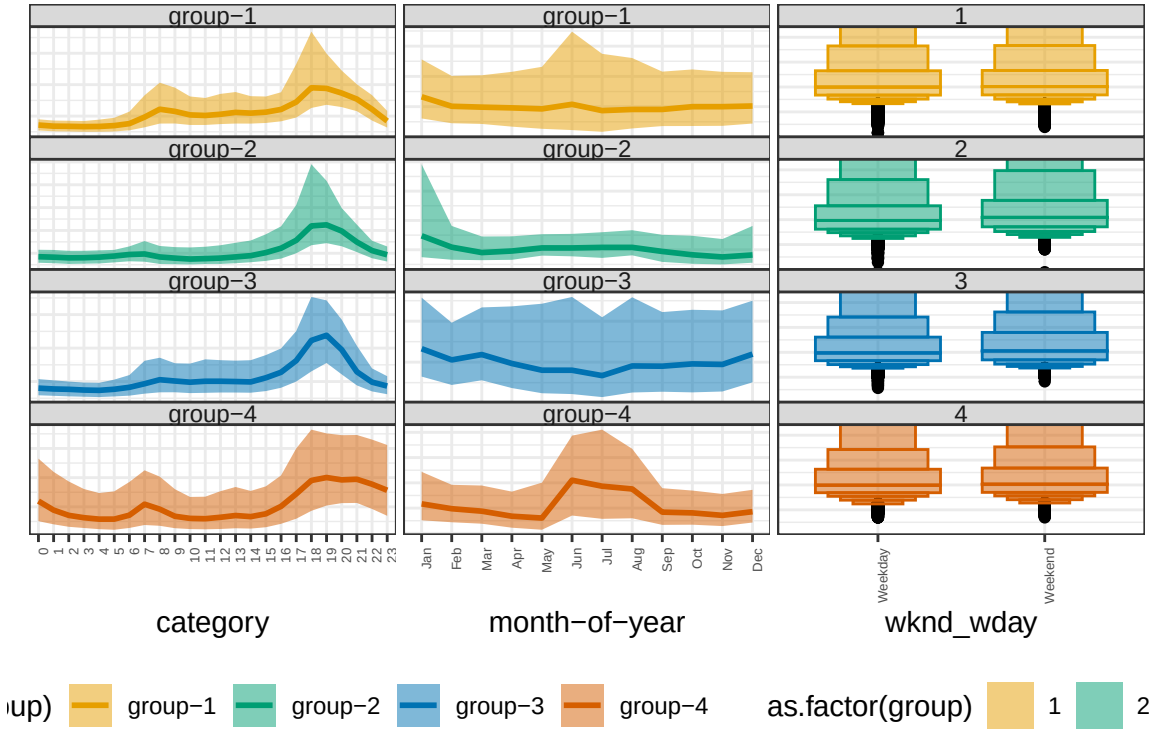
Keywords:

Where they lie on the mds plot of total, hod, moy, wkndwday and wpd

```
## Joining, by = "customer_id"
```




design−1
8246768
design−1
8302280
design−1
8492316
design−1
8629151
design−1
8807146
design−1
8952348
design−2
10934094
design−2
8240396
design−2
8337422
design−2
8629151
design−2
8640717
design−2
9776326
design−3
10536213
design−3
8355562
design−3
8402996
design−3
8596078
design−3
8685770
design−3
9587992
design−4
10677705
design−4
8208737
design−4
8308172
design−4
8363314
design−4
8384160
design−4
8688242
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
month−of−year
as.factor(group)
1
2
3
4
Weekday
Weekend
category



0.1 wpd-based clustering

```
## Error in cor.test.default(x, y, method = method, use = use) :
##   not enough finite observations
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##   not enough finite observations
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##   not enough finite observations
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##   not enough finite observations
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##   not enough finite observations
```

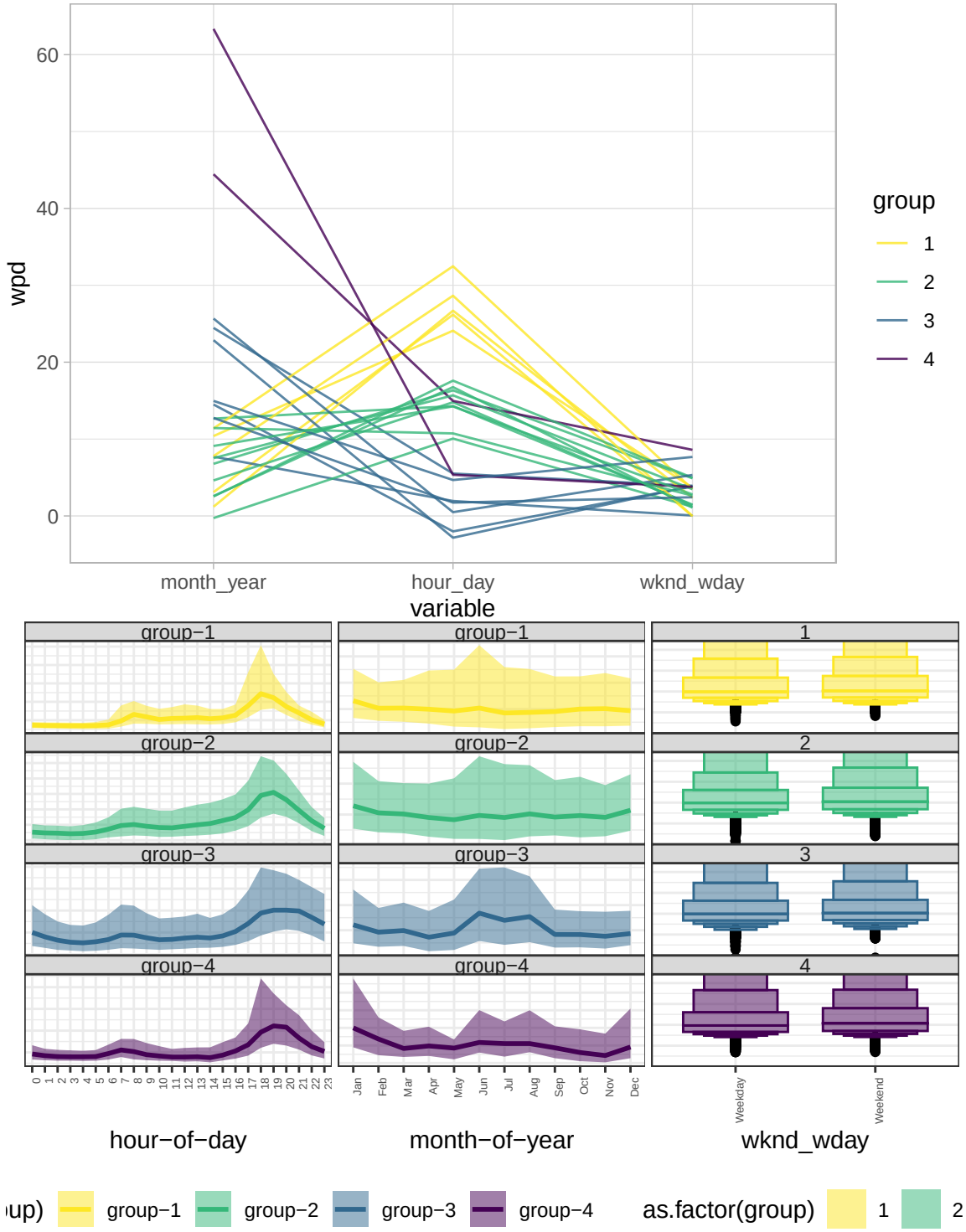
wpd
60
40
20
0
month_year
hour_day
wknd_wday
variable
group
1
2
3
4
group−1
group−2
group−3
group−4
1
2
3
4
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
Weekday
Weekend
hour−of−day
month−of−year
wknd_wday
up)
group−1
group−2
group−3
group−4
as.factor(group)
1
2