Algorithm using wpd values for clustering 8 households

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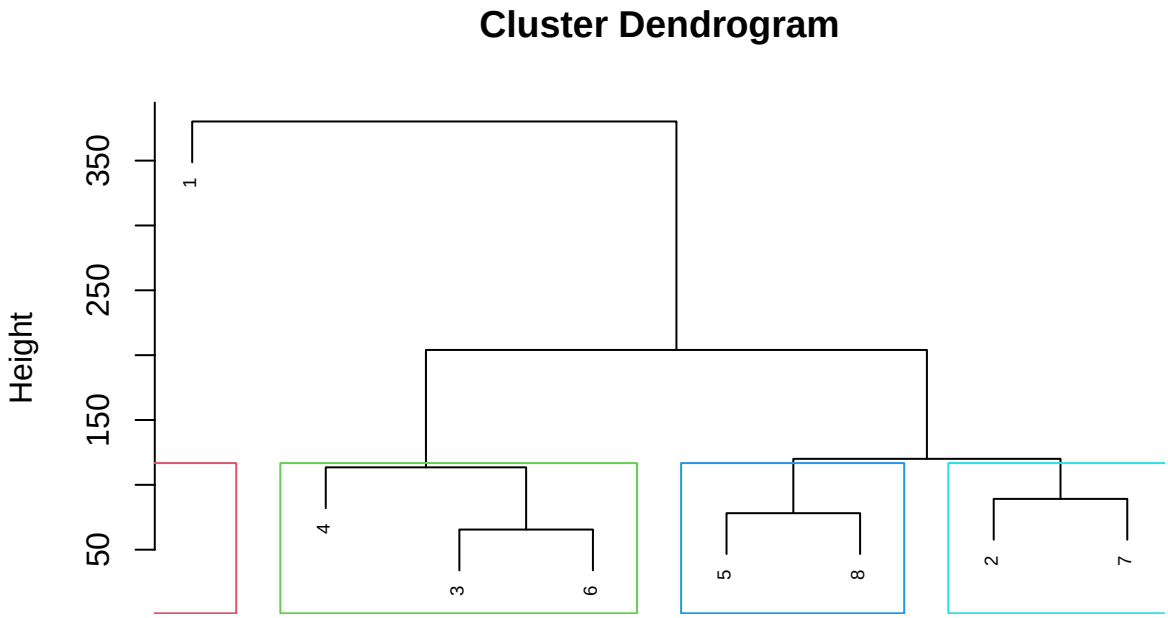
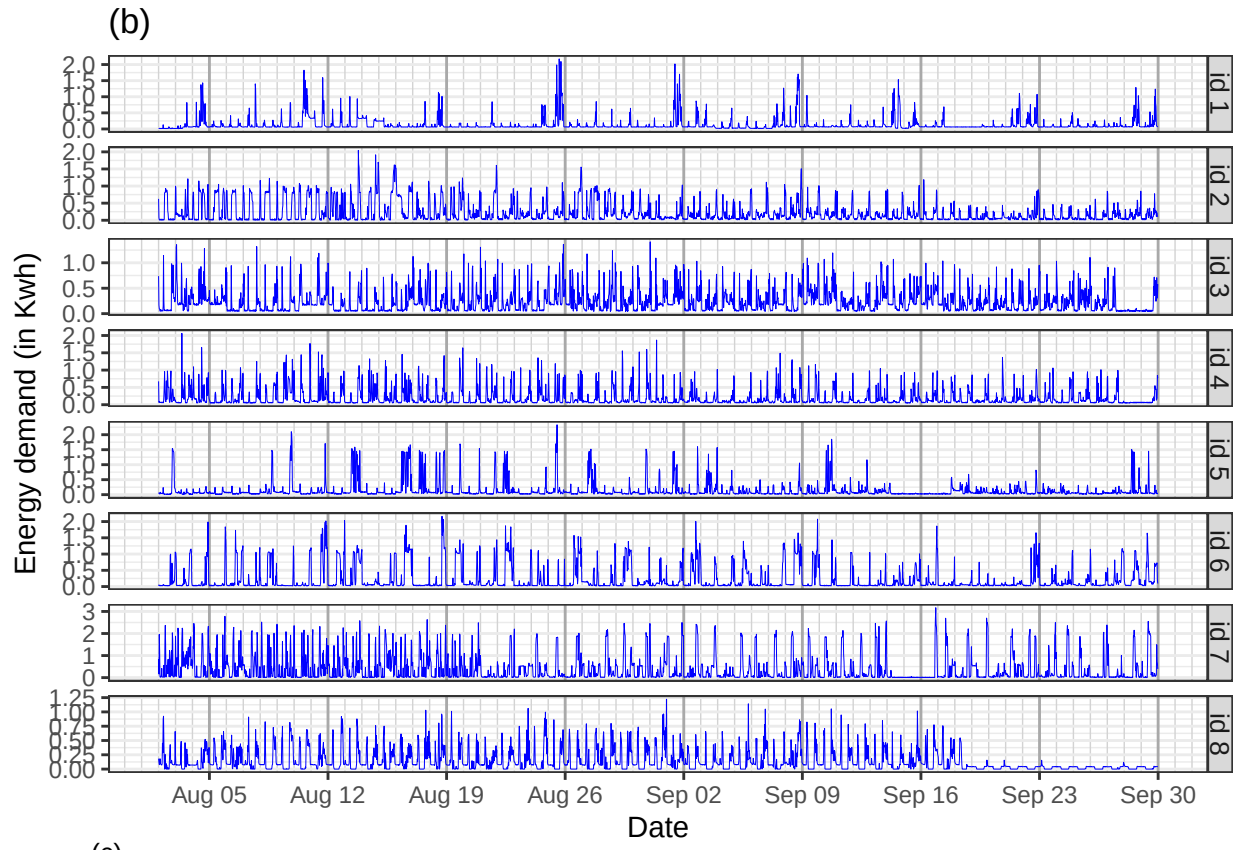
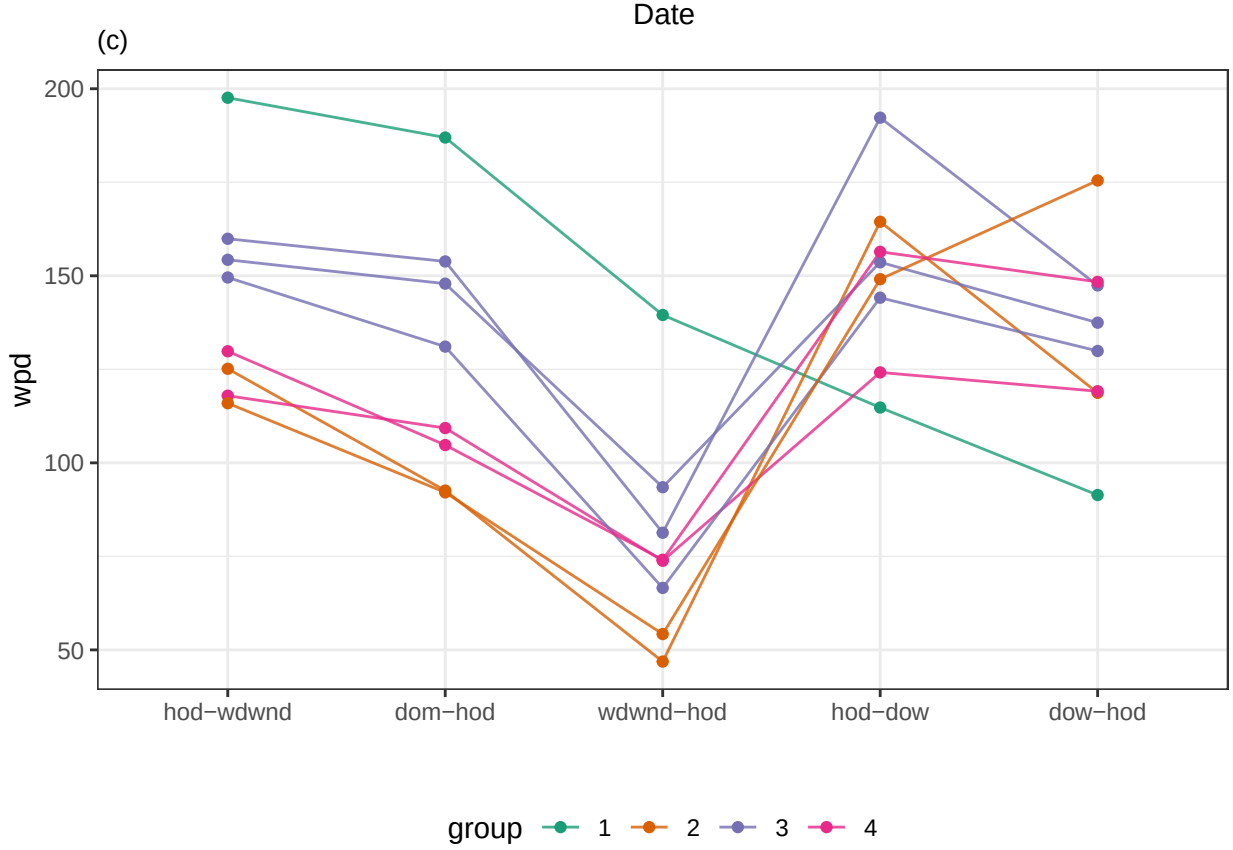
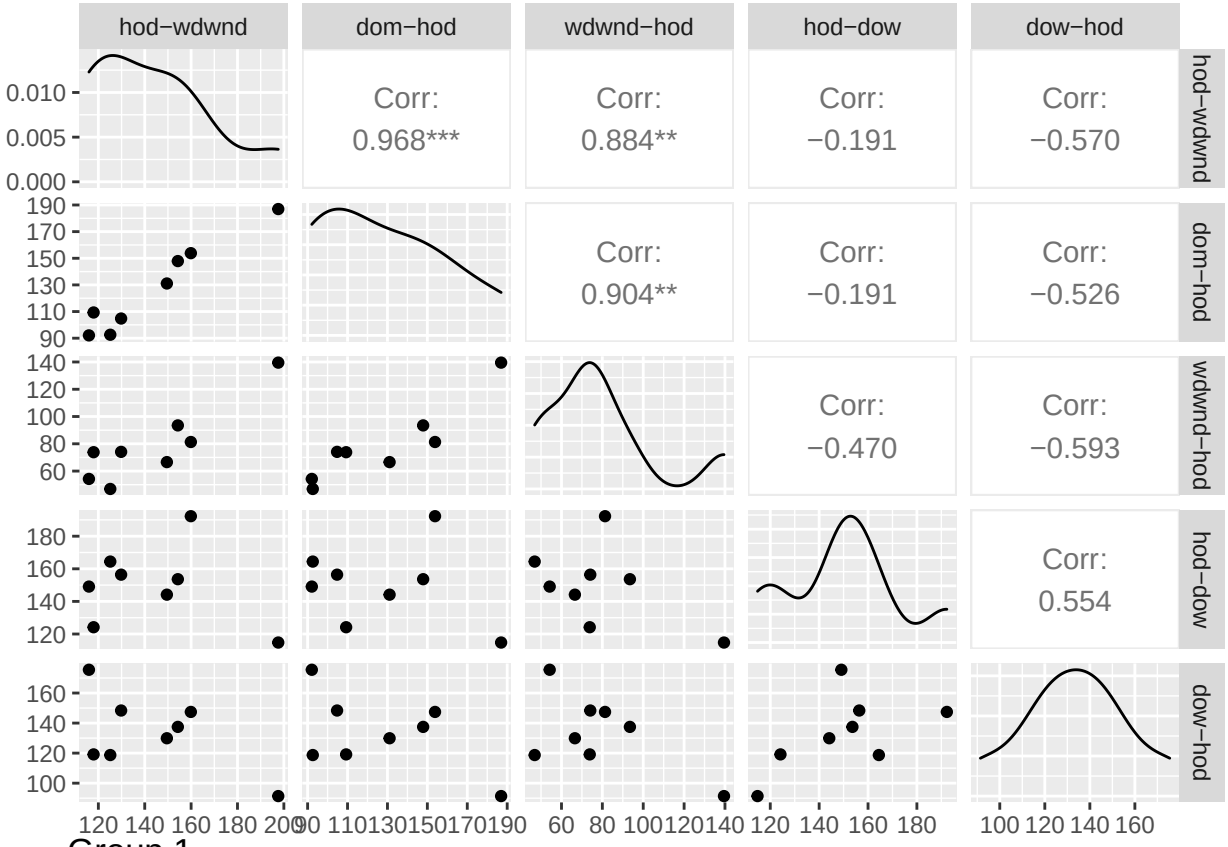
```
## [1] 5
```

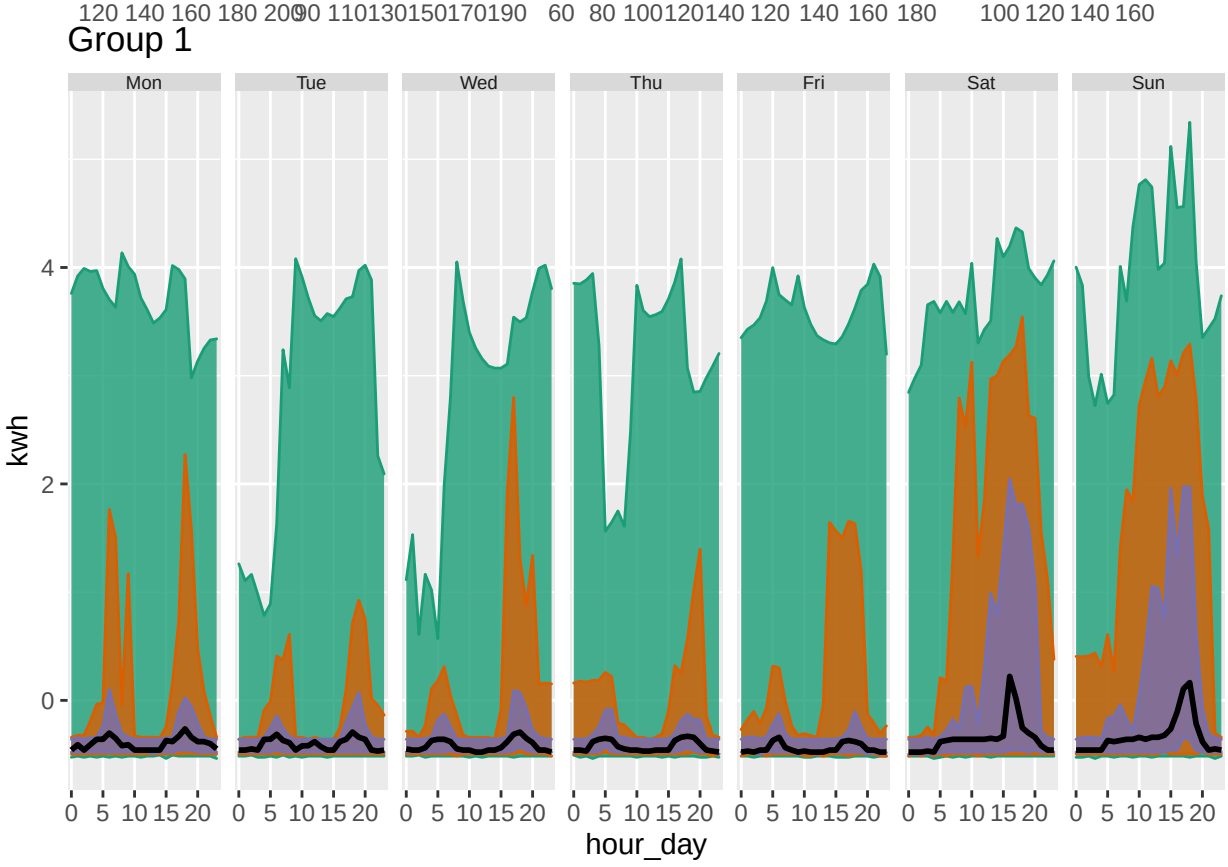
```
## # A tibble: 4 x 2
##   value     n
##   <int> <int>
## 1     1     1
## 2     2     2
## 3     3     3
## 4     4     2
```

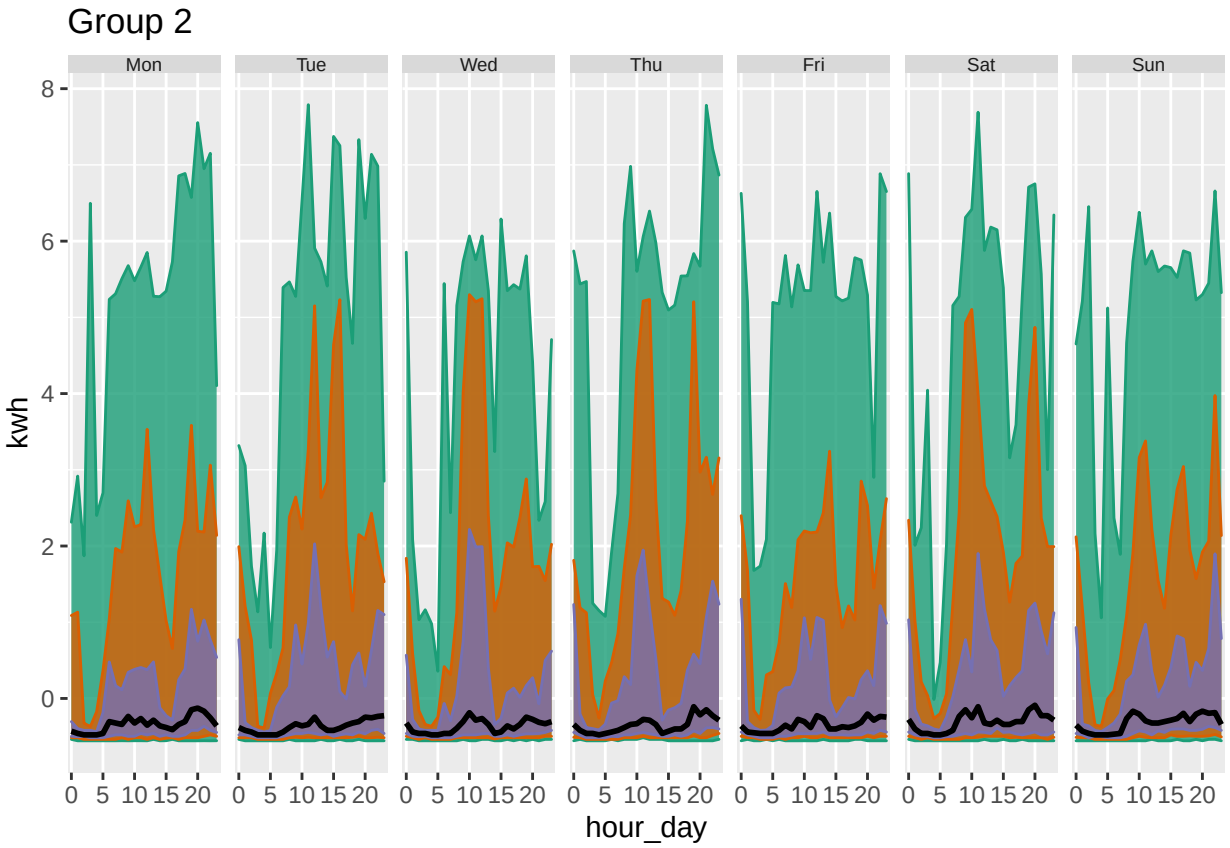


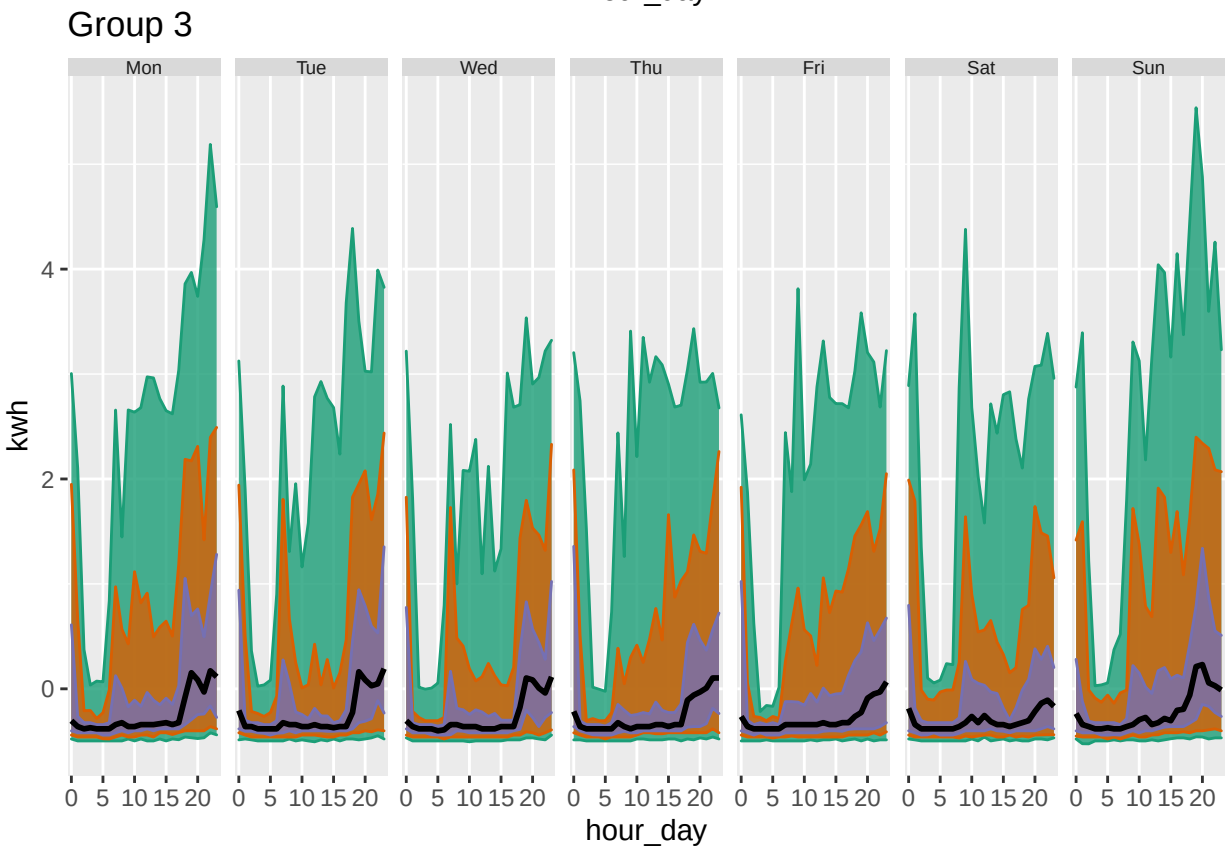

(b)
Energy demand (in Kwh)
id 1
id 2
id 3
id 4
id 5
id 6
id 7
id 8
Aug 05
Aug 12
Aug 19
Aug 26
Sep 02
Sep 09
Sep 16
Sep 23
Sep 30
Date

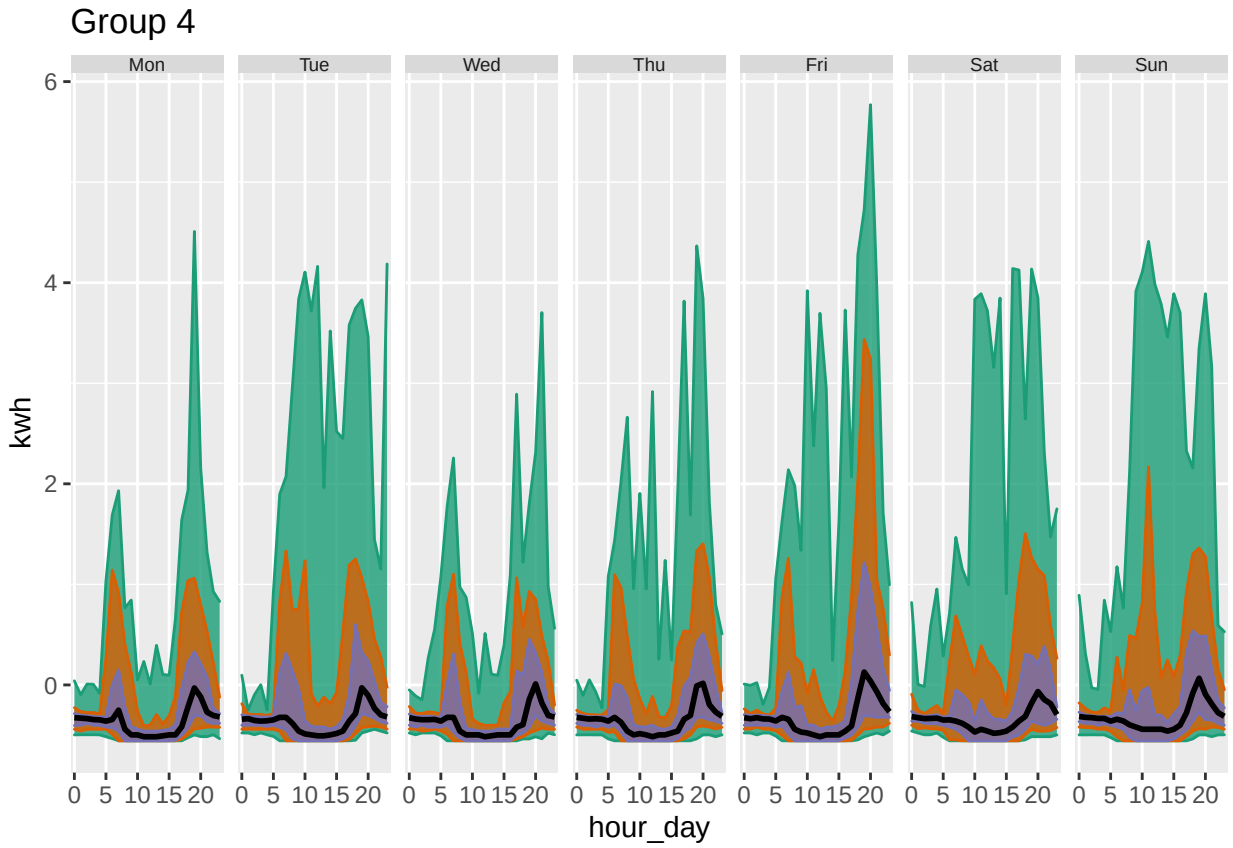

(c)
wpd
200
150
100
50
hod−wdwnd
dom−hod
wdwnd−hod
hod−dow
dow−hod
group
1
2
3
4


hod−wdwnd
dom−hod
wdwnd−hod
hod−dow
dow−hod
Corr:
0.968***
Corr:
0.884**
Corr:
−0.191
Corr:
−0.570
Corr:
0.904**
Corr:
−0.191
Corr:
−0.526
Corr:
−0.470
Corr:
−0.593
Corr:
0.554


Group 1
Mon
Tue
Wed
Thu
Fri
Sat
Sun
kwh
hour_day


Group 2
Mon
Tue
Wed
Thu
Fri
Sat
Sun
kwh
0
2
4
6
8
0 5 10 15 20
hour_day


Group 3
Mon
Tue
Wed
Thu
Fri
Sat
Sun
kwh
0
2
4
0 5 10 15 20
hour_day


Group 4
Mon
Tue
Wed
Thu
Fri
Sat
Sun
kwh
6
4
2
0
0 5 10 15 20
hour_day

“‘