```
> source("budget_by_factors.r",echo=T)
    aggregate(budget[,c("CB08","CB09","(B10","CB.total")],list(results.7$grade),median)
Group.1 (B08 CB09 CB10 (B.total
A 174.0 258.5 283.0 788.0
B 214.5 304.5 258.5 796.5
C 103.0 200.0 187.0 474.0
> aggregate(budget[,c("PP08","PP09","PP10","PP.total")],list(results.7$grade),median)
Group.1 PP08 PP09 PP10 PP.total
1 A 424.0 1129.5 482.0 1986.3
2 B 190.8 386.0 421.9 10906.4
3 C 147.0 403.0 439.0 1188.0
> aggregate(budget[,c("PP08","PP09","PP10","PP.total")],list(results.7$grade),mean, trim=0.05)
Group.1 PP08 PP09 PP10 PP.total
1 A 485.6941 875.3059 712.0588 2073.059
2 B 395.9250 608.7900 611.0750 1631.490
3 C 220.9759 428.7276 485.4310 1218.341
    aggregate(budget[,c("PM08","PM09","PM10","PM.total")],list(results.7$grade),median)
Group.1 PM08 PM09 PM10 PM.total
A 542.6 901.0 865.0 2270.0
B 329.0 675.1 652.1 1749.8
C 287.0 695.0 749.0 2018.0
    aggregate(budget[,c("PM08","PM09","PM10","PM.total")],list(results.7$grade),mean, trim=0.05)
Group.1 PM08 PM09 PM10 PM.total
A 607.8118 1010.3294 908.0353 2526.176
B 373.9550 796.6600 741.2550 1929.410
C 357.5241 795.1034 794.3103 1975.490
    aggregate(budget[,c("RD08","RD09","RD10","RD.total")],list(results.7$grade),median)
Group.1 RD08 RD09 RD10 RD.total
A 50 100 100 400.0
B 0 30 5 40.5
C 0 0 0 555.0
> aggregate(budget[,c("RD08","RD09","RD09","RD.total")],list(results.7$grade),mean, trim=0.05)
Group.1 RD08 RD09 RD10 RD.total
1 A 87.52941 206.35294 180.87059 474.7529
2 B 54.93500 76.55090 33.40090 177.7100
3 C 27.09655 71.35517 86.37931 191.9690
> aggregate(budget[,c("CB08","CB09","CB10","CB.total")],list(results.7$Region),median)
Group.1 CB08 CB09 CB10 CB.total
1 명남 159.6 260 208 604.50
2 중부 120.0 267 267 710.15
    > aggregate(budget[,c("PP08","PP09","PP10","PP.total")],list(results.7$Region),median)
Group.1 PP08 PP09 PP10 PP.total
1 영남 28.0 7 730.00 640.0 1620.00
2 중부 22.2 0 380.00 375.8 1085.90
3 호남 148.5 429.55 433.0 943.85
   aggregate(budget[,c("PP08","PP09","PP10","PP.total")],list(results.7$Region),mean, trim=0.05)
Group.1 PP08 PP09 PP10 PP.total
명남 399.9579 787.6684 719.4895 1980.432
중부 271.4957 457.3783 532.5565 1334.909
호남 341.1364 562.9864 506.2227 1438.359
> aggregate(budget[,c("PM08","PM09","PM10","PM.total")],list(results.7$Region),median)
Group.1 PM08 PM09 PM10 PM.total
1 영남 392.6 792 711.0 2042.70
2 중부 306.0 695 745.9 1793.00
3 호남 274.0 829 966.0 2239.85
> aggregate(budget[,c("PM08","PM09","PM10","PM.total")],list(results.7$Region),mean, trim=0.05)
Group.1 PM08 PM09 PM10 PM.total
1 영남 430.2053 933.5421 766.5684 2154.737
2 중부 427.1826 678.4348 727.5652 1847.487
3 호남 389.7273 905.7000 914.6318 2261.832
    aggregate(budget[,c("RD08","RD09","RD10","RD.total")],list(results.7$Region),median)
Group.1 RD08 RD09 RD10 RD.total
영남 108 38 17.0 210.0
玄부 0 30 21.0 51.0
호남 0 0 13.5 61.5
    aggregate(budget[,c("RD08","RD09","RD10","RD.total")],list(results.7$Region),mean, trim=0.05)
Group.1 RD08 RD09 RD10 RD.total
영남 86.38421 85.73684 48.15789 226.6737
春年 41.86957 93.63697 90.63696 234.4391
호남 22.19091 99.00000 137.95455 303.1909
> aggregate(budget[,c("CT08","CT09","CT10","CT.total")],list(results.7$Region),median)
Group.1 CT08 CT09 CT10 CT.total
1 영남 240.0 250.0 270.0 914.3
2 중부 188.0 237.6 226.7 627.9
3 호남 121.5 466.5 304.0 1065.0
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