

3.3 Illustration of the productConfig package

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```
decisionMatrix(camera_data, userid=10, attr=1:4, rounds="all", cost_ids=4)
```

```
## $`10`  
##      attr1 attr2 attr3      attr4  
## 0round    3     0     0 -0.16805556  
## 1round    2     0     0 -0.31666667  
## 2round    2     2     0 -0.01944444  
## 3round    2     1     0 -0.16805556  
## 4round    2     1     1 -0.01944444
```

```
trpresult <- sapply(overallTRP(myData, all.users, attr=1:4, rounds="all",  
                             cost_ids=4, tri.refps=equal.tri.refps), which.max)  
ptresult <- sapply(overallPV(myData, all.users, attr=1:4, rounds="all",  
                             cost_ids=4, refps = c(1.5,1.5,1.5,0.17)), which.max)  
trpresult == ptresult
```

```
##   6.1round  9.1round 10.2round 11.6round 12.1round 13.1round  
##      FALSE      TRUE      TRUE      TRUE      TRUE      TRUE  
## 14.1round 15.3round 16.4round 17.2round 18.3round 19.2round  
##      TRUE      TRUE      TRUE      TRUE      TRUE      TRUE  
## 20.7round 21.3round 22.2round 25.1round 26.1round 27.1round  
##      FALSE      TRUE      TRUE      FALSE      TRUE      FALSE  
## 28.1round 29.1round 30.9round 31.1round 32.1round 33.3round  
##      FALSE      TRUE      TRUE      TRUE      TRUE      TRUE  
## 34.1round 35.1round 36.3round 37.1round 38.1round 39.1round  
##      TRUE      FALSE      TRUE      FALSE      TRUE      FALSE  
## 40.9round 41.1round 42.8round 43.1round 44.3round 45.1round  
##      TRUE      TRUE      TRUE      TRUE      TRUE      FALSE  
## 46.1round 47.2round 48.5round 49.1round 50.0round 52.1round  
##      TRUE      TRUE      TRUE      TRUE      TRUE      FALSE  
## 53.1round 54.1round 57.2round 58.1round 59.14round 60.1round  
##      FALSE      TRUE      FALSE      FALSE      TRUE      FALSE  
## 61.1round 62.1round 63.0round  
##      TRUE      TRUE      TRUE
```