

fitness5

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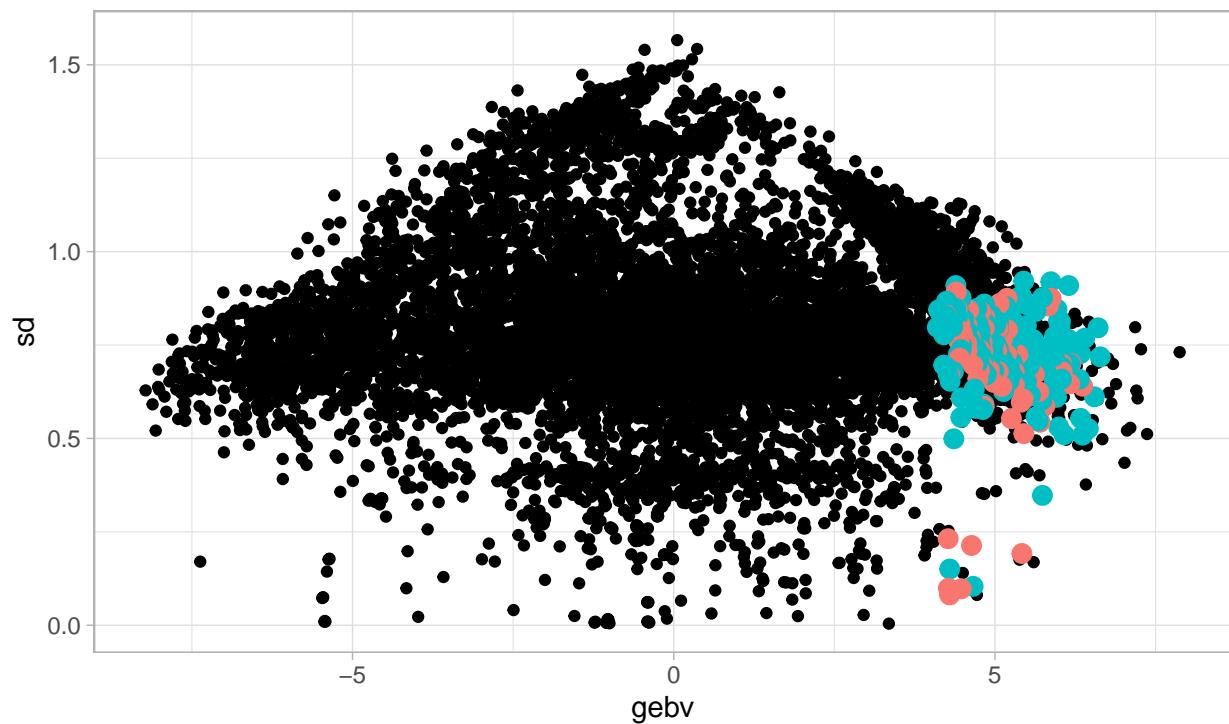
18 mars 2021

```
ggarrange(g1, g2, g3, g4, g5,g5bis, g5ter, g5quater, common.legend = T, ncol=1, nrow=1)
```

```
## $`1`
```

chooseen ● nbprogeny > 30 ● ● nbprogeny < 30

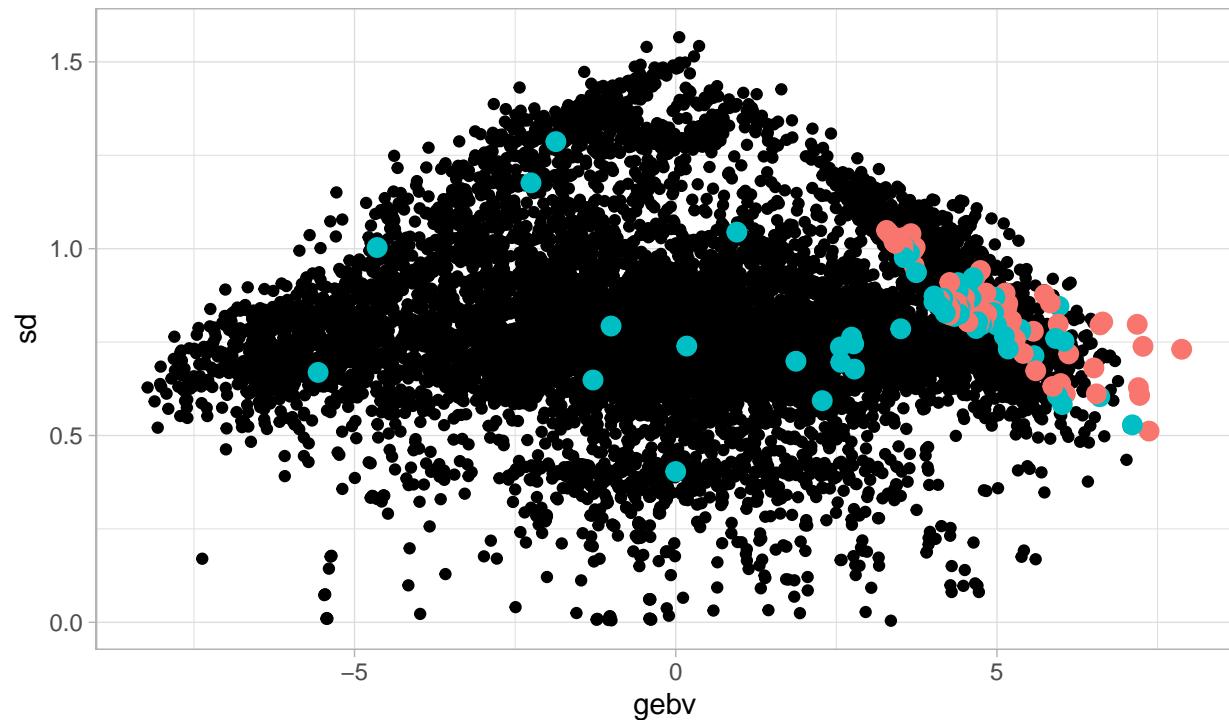
mod 1



```
##  
## $`2`
```

chooseen ● nbprogeny > 30 ● nbprogeny < 30

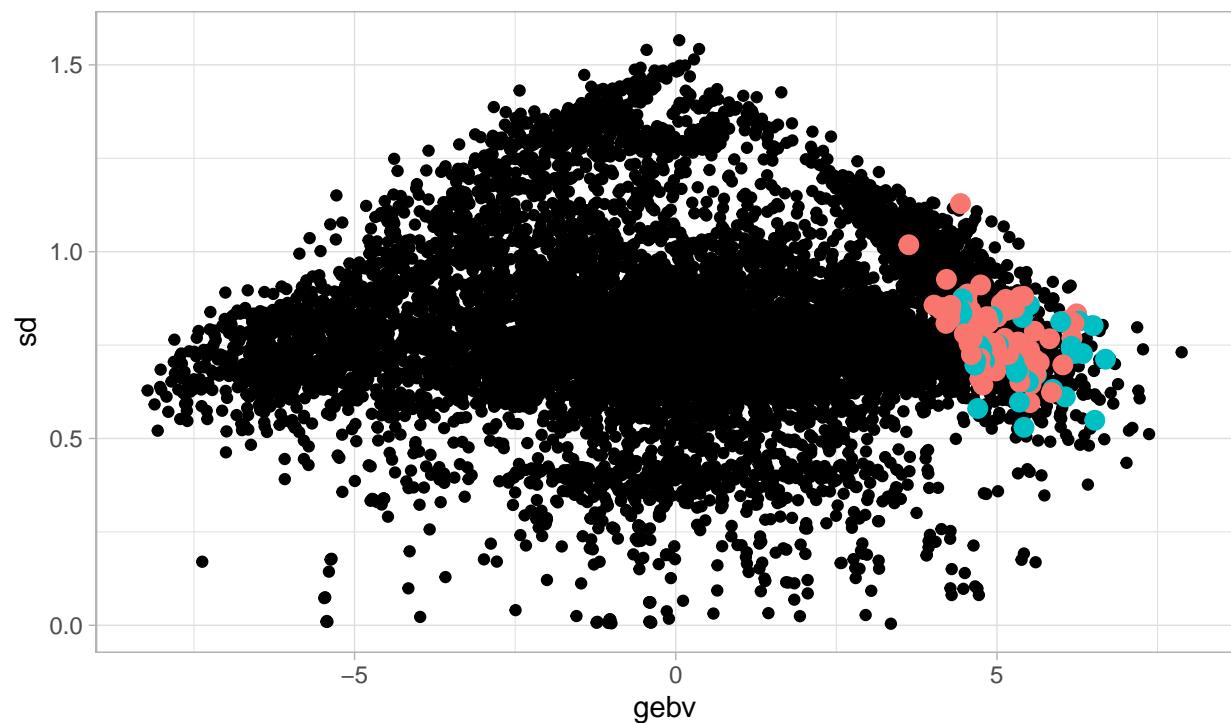
mod 2



```
##  
## $`3`
```

choosen ● nbprogeny > 30 ● nbprogeny < 30

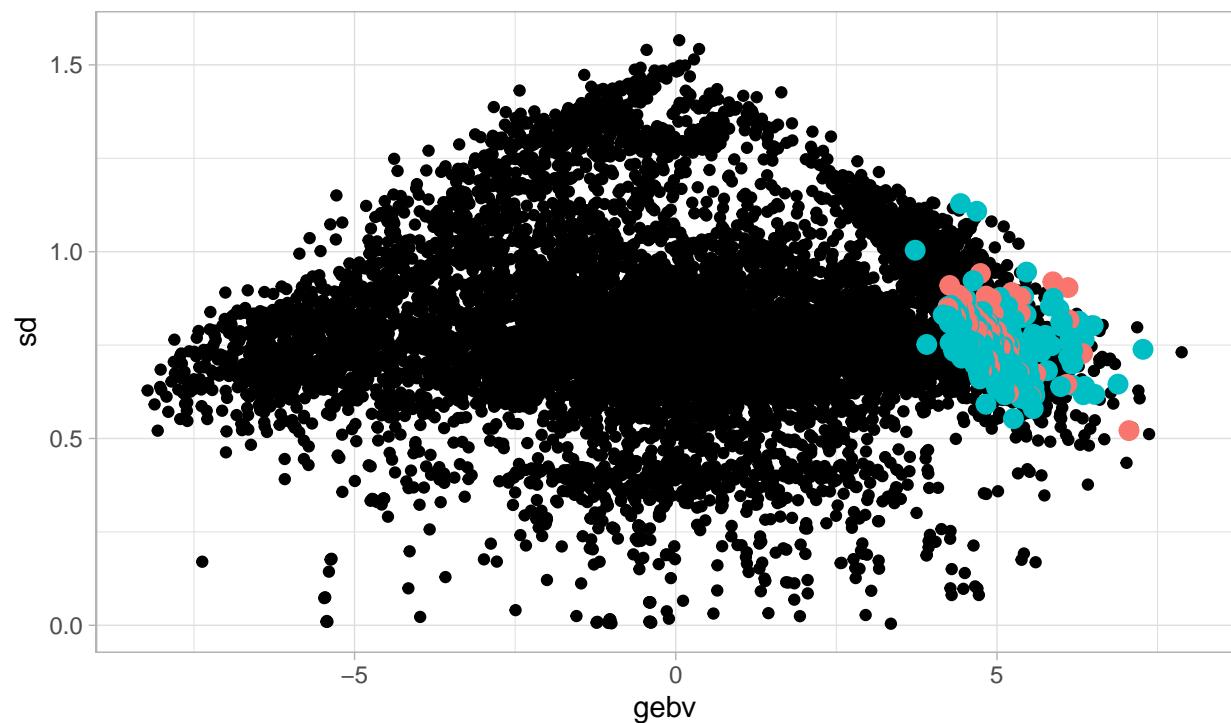
mod 3



```
##  
## $`4`
```

chooseen ● nbprogeny > 30 ● nbprogeny < 30

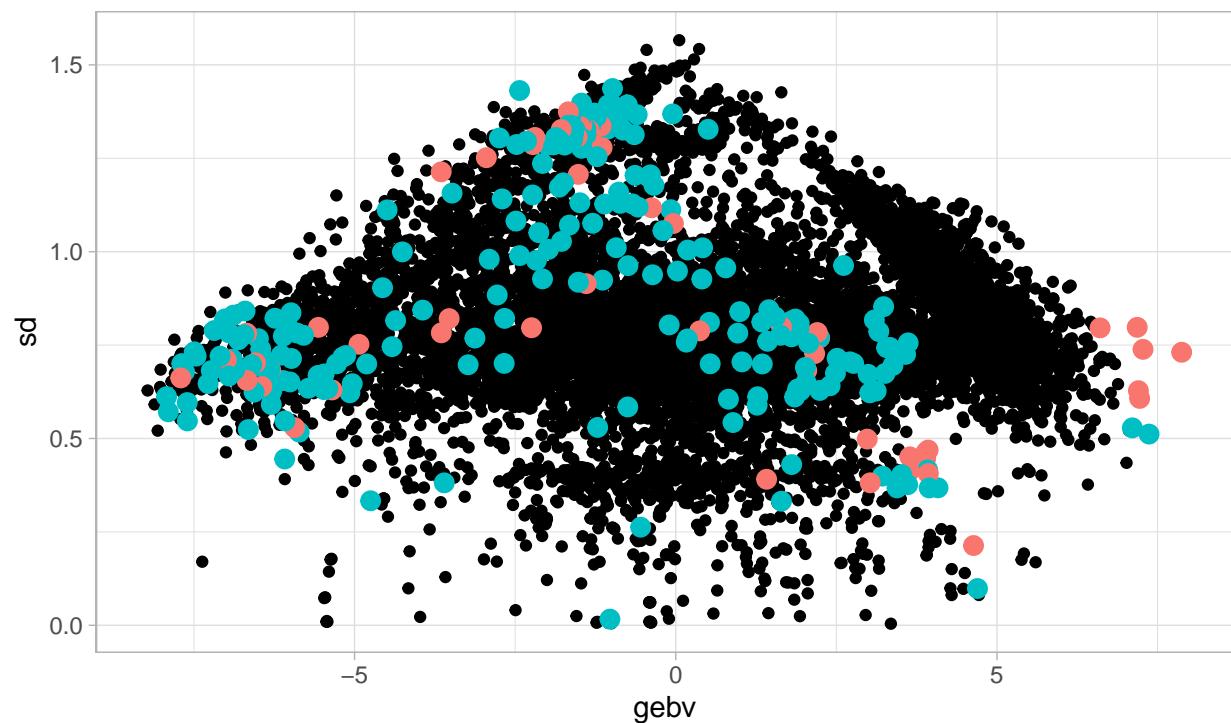
mod 4



```
##  
## $`5`
```

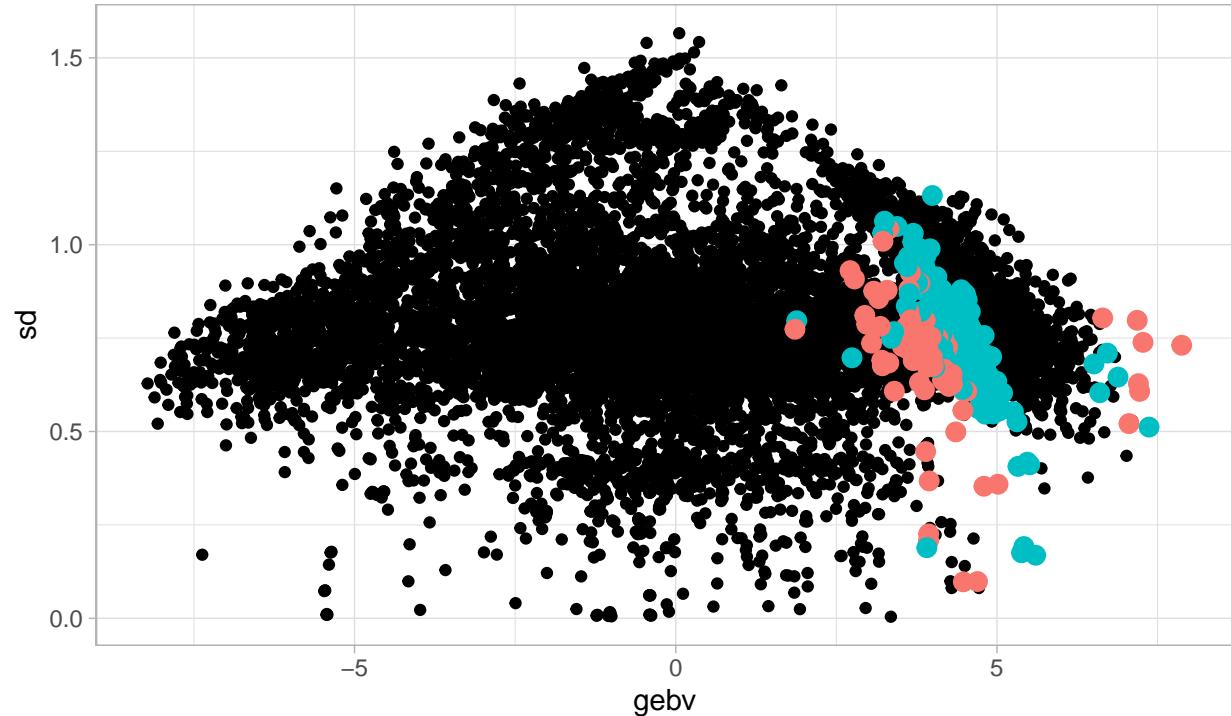
chooseen ● nbprogeny > 30 ● nbprogeny < 30

mod 5



```
##  
## $`6`
```

choose
 ● nbprogeny > 30
 ● nbprogeny < 30
 mod 5 [UCij * qij * Dij if qij*Dij >= 1 else UCij * 0.1]



```

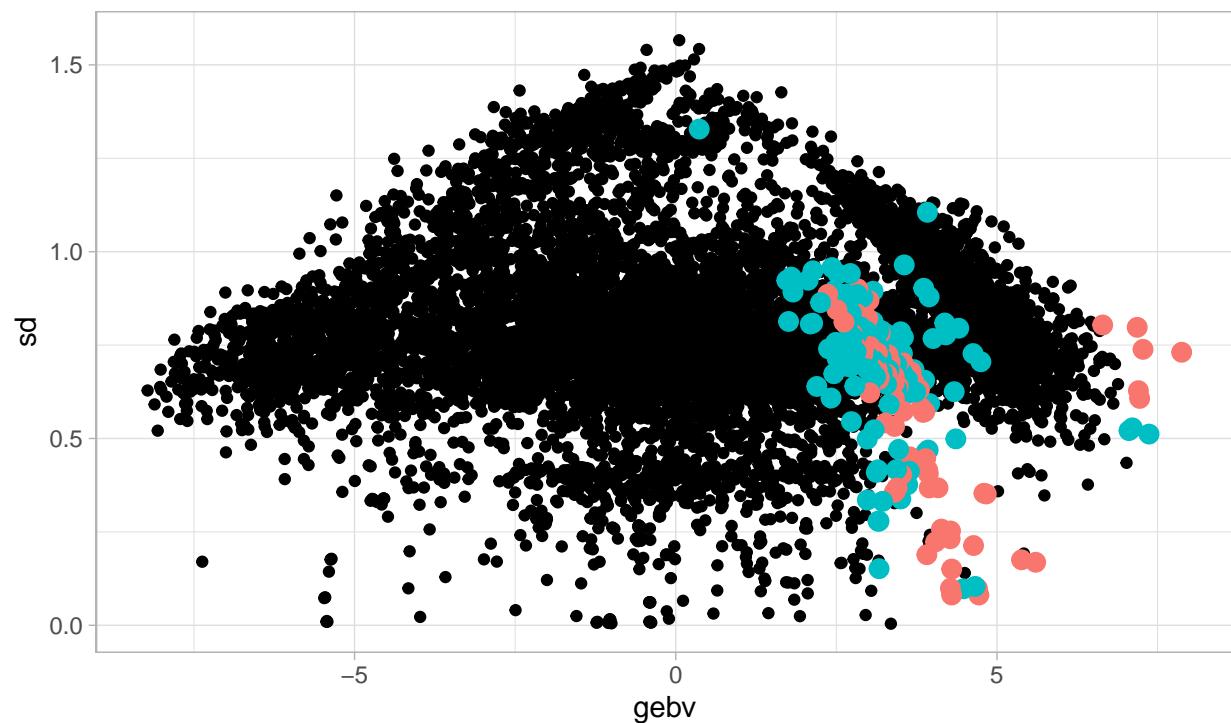
##  

## $`7`  

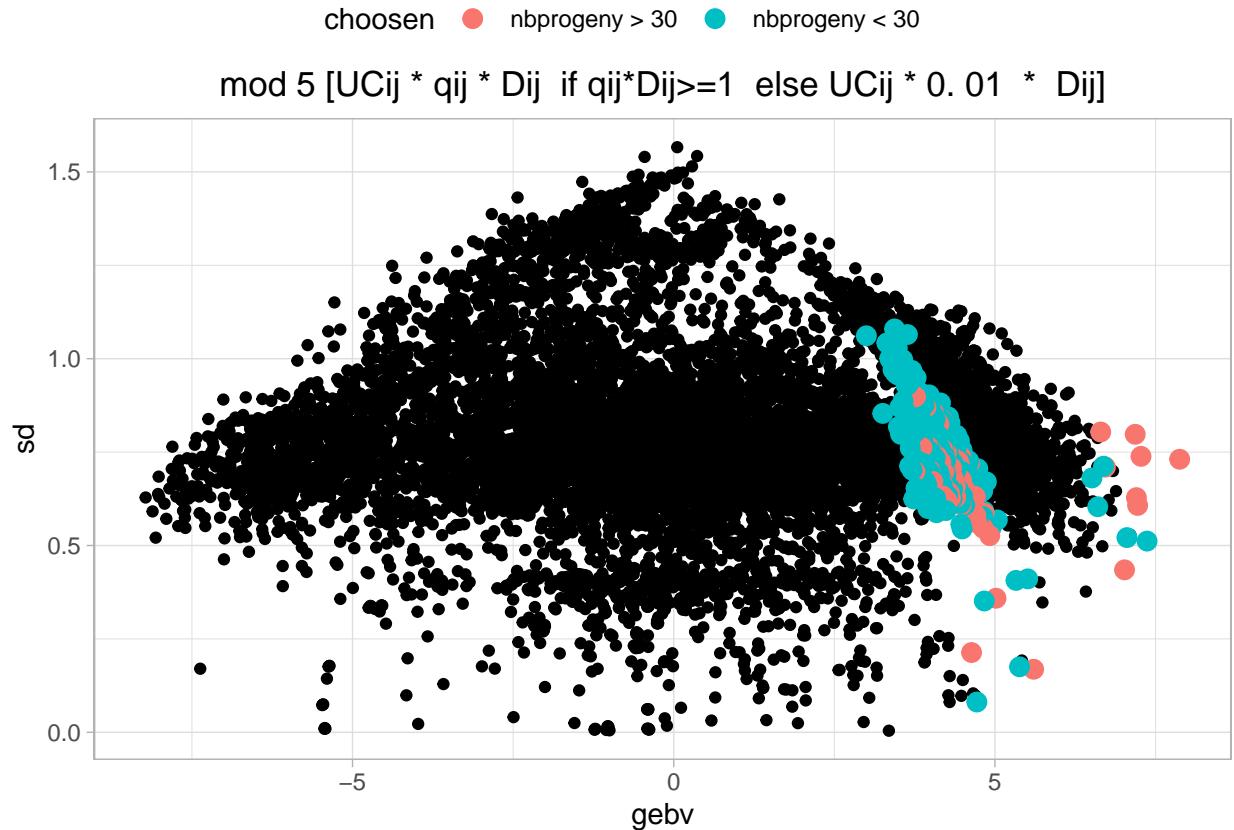

```

chooseen ● nbprogeny > 30 ● nbprogeny < 30

mod 5 [UCij * (max qij 0.001) * Dij]



```
##  
## $`8`
```



```

##  

## attr(,"class")  

## [1] "list"      "ggarrange"

# res <- m5 %>%
#   rowwise() %>%
#   mutate(q=pnorm(s, mean=gebv, sd=sd, lower.tail = F)) %>%
#   dplyr::select(P1, P2, gebv, sd, uc, q, nbprogeny) %>%
#   mutate(qXnbprogeny=q*nbprogeny) %>%
#   mutate(ucXqXnbprogeny=uc*q*nbprogeny) %>%
#   ungroup() %>%
#   arrange(desc(qXnbprogeny)) %>%
#   as.data.frame() %>%
#   mutate(proportion_fitness=cumsum(ucXqXnbprogeny)/(qsel*total)) %>%
#   mutate(proportion_fitness=proportion_fitness/max(proportion_fitness)) %>%
#   mutate(proportion_dij_opti=cumsum(qXnbprogeny)/(qsel*total))
#
# head(res, 10)
#
# tail(res, 10)

```