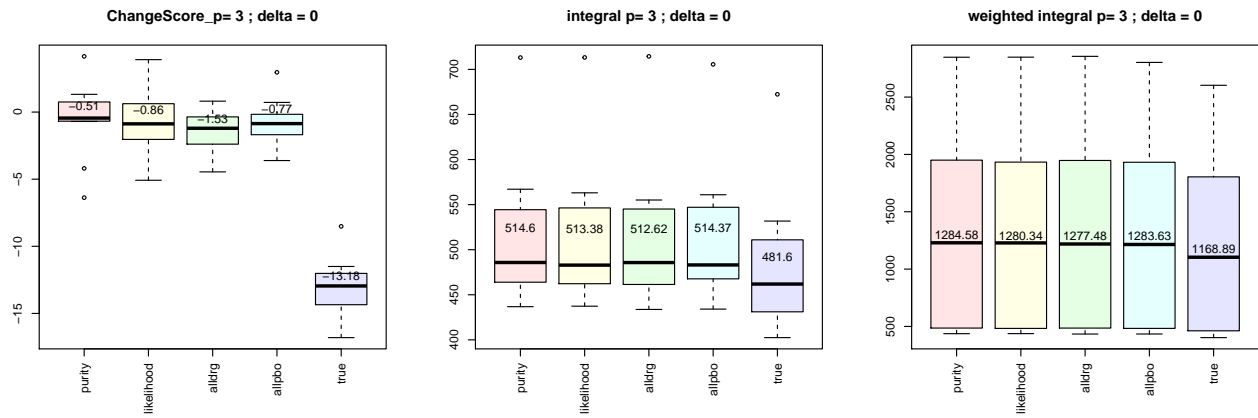
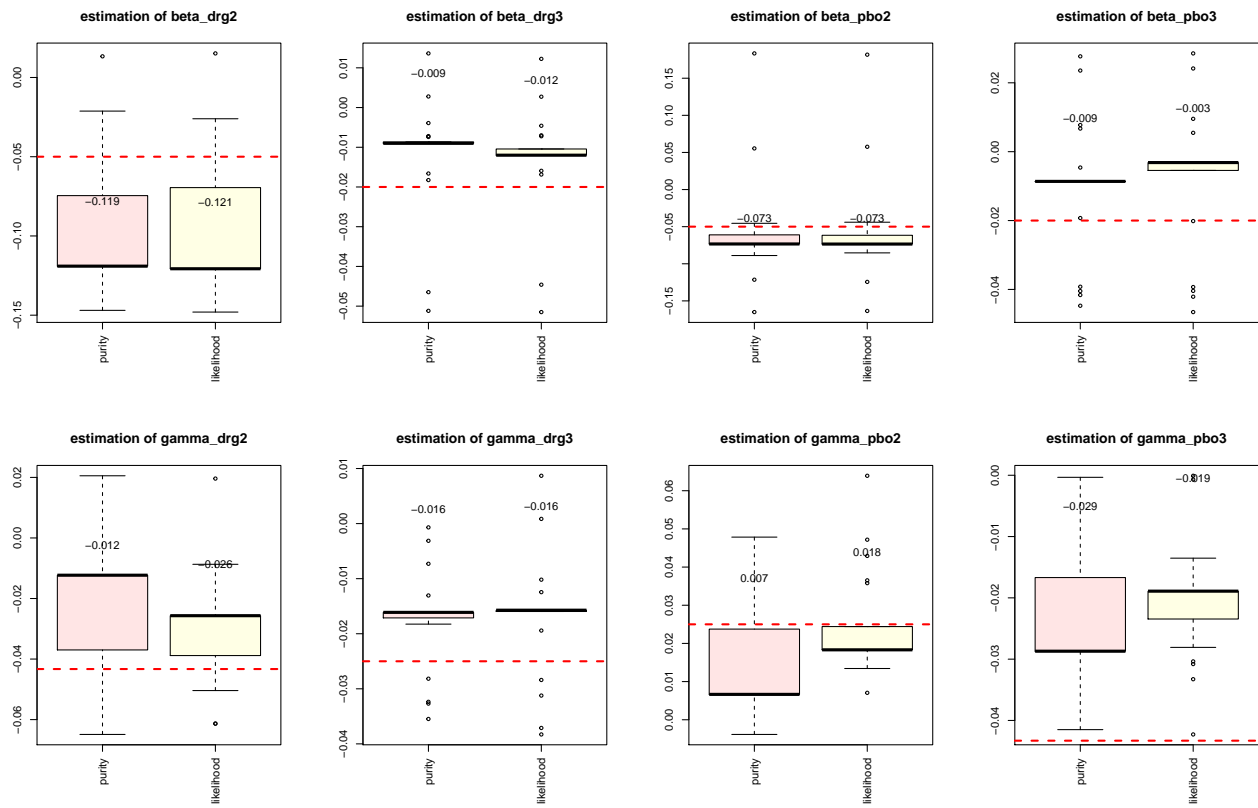


# Untitled

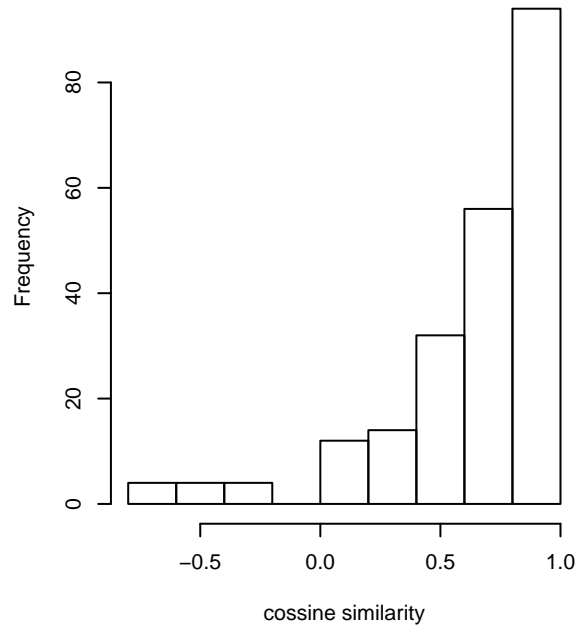
Scenario 1,  $\delta = 0$



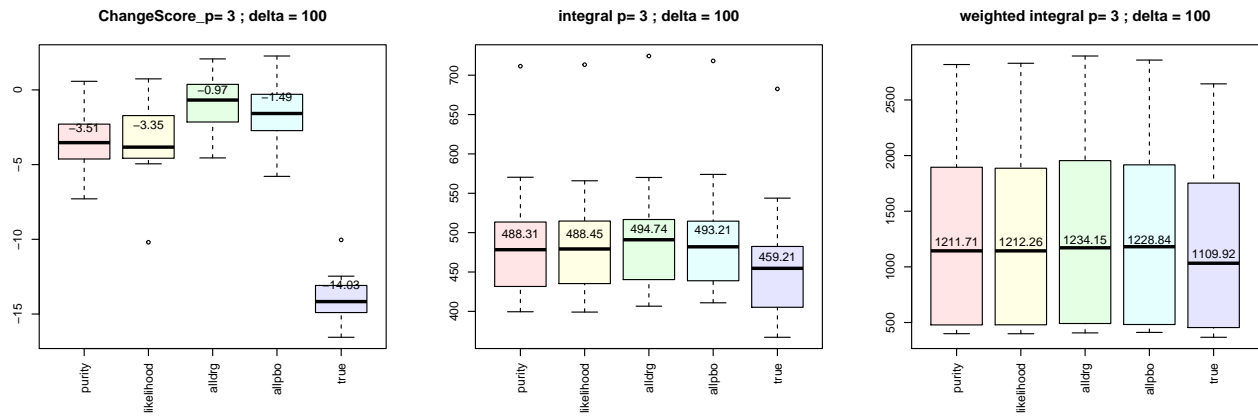
Scenario 1,  $\delta = 0$ , coefficient estimation



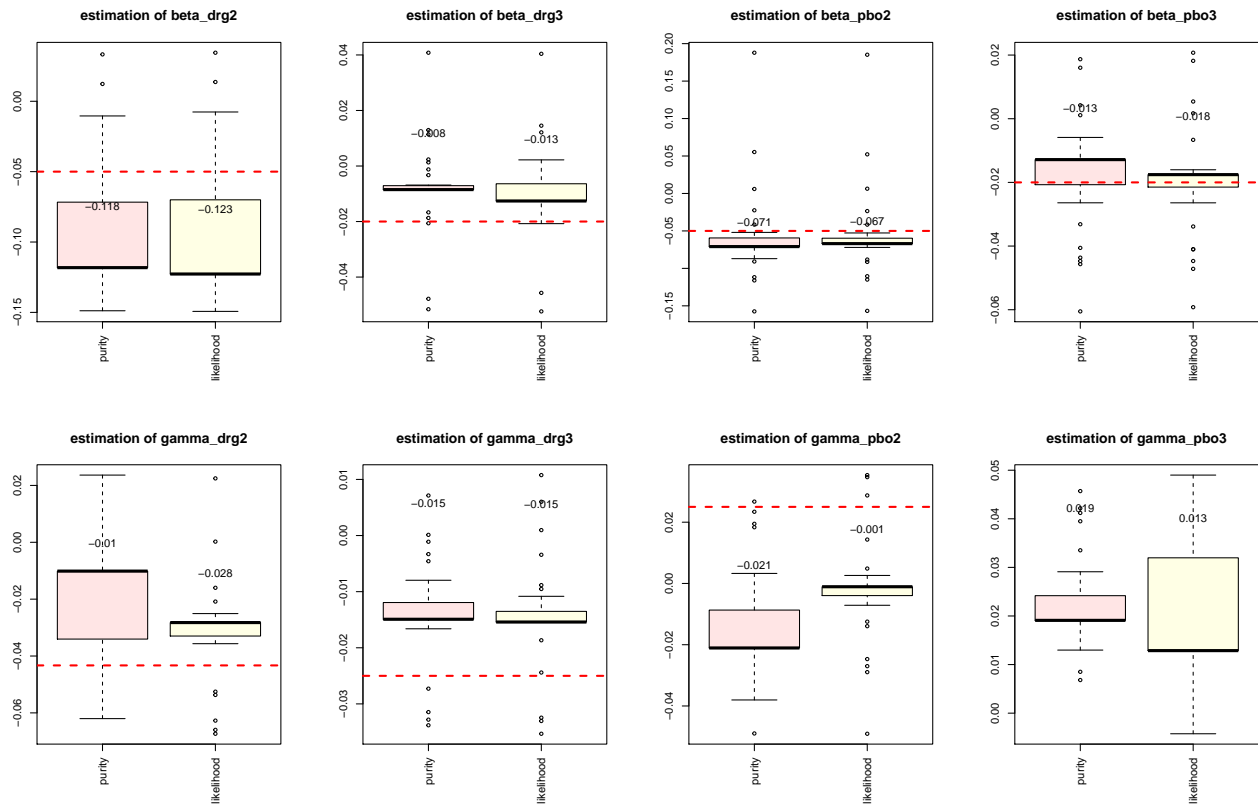
# sine similarity between alpha from likelihood and



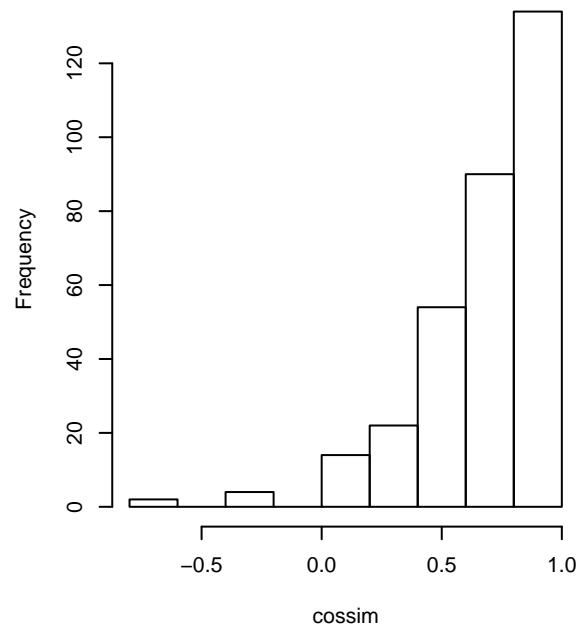
## Scenario 1, $\delta = 100$



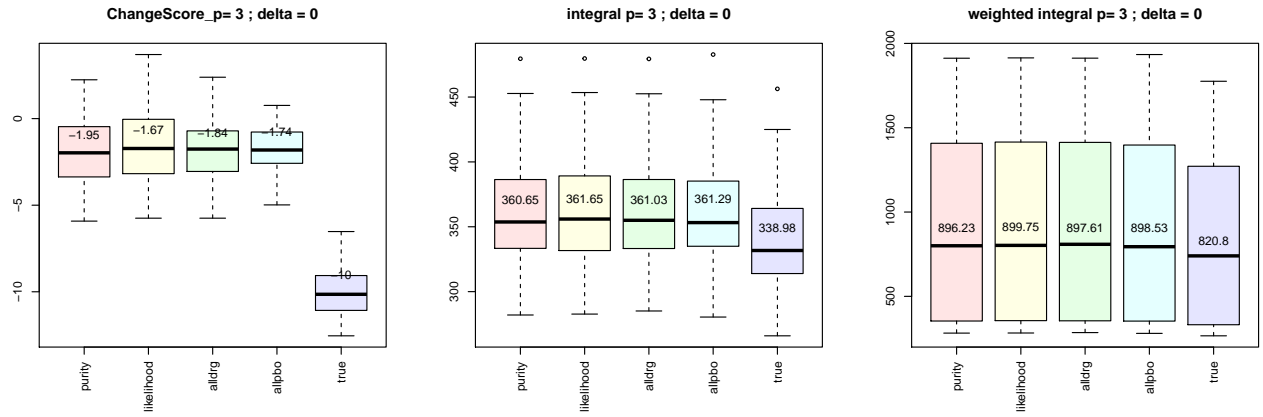
## Scenario 1, $\delta = 100$ , coefficient estimation



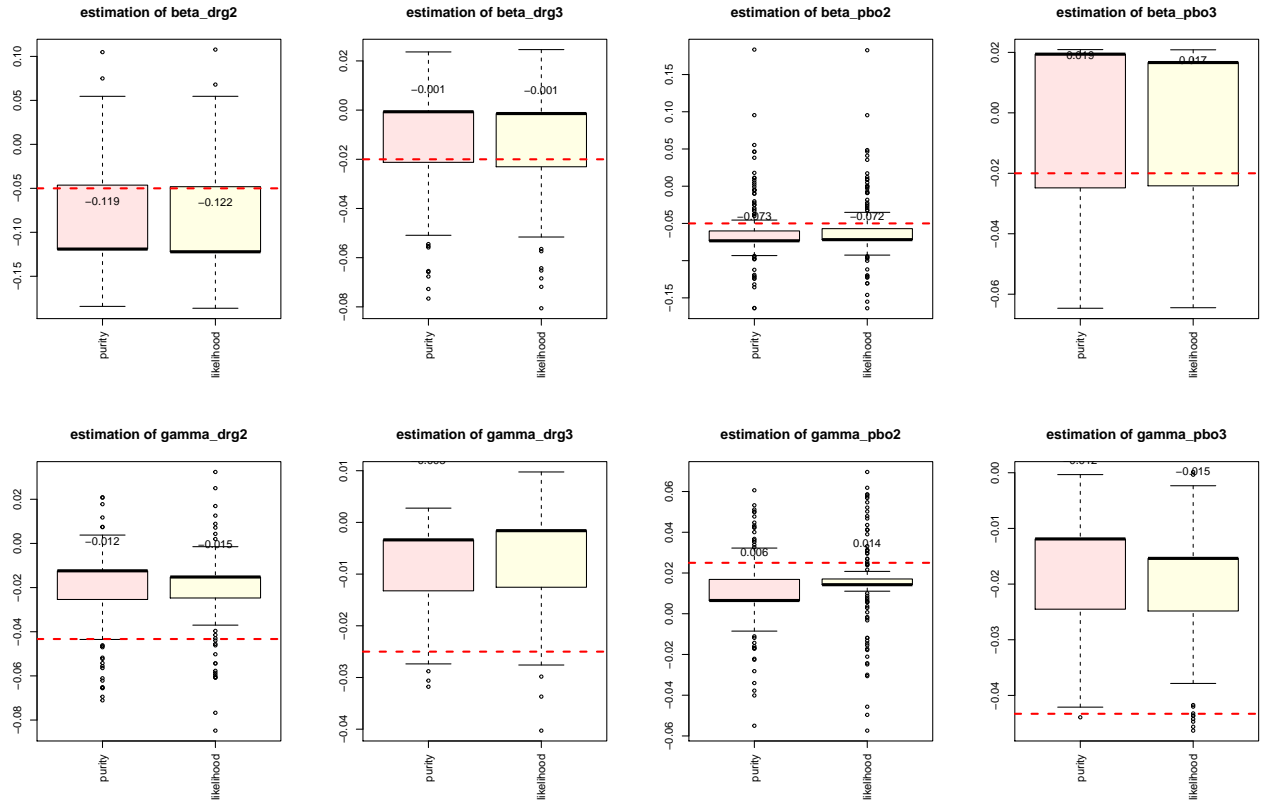
**Histogram of cossim**

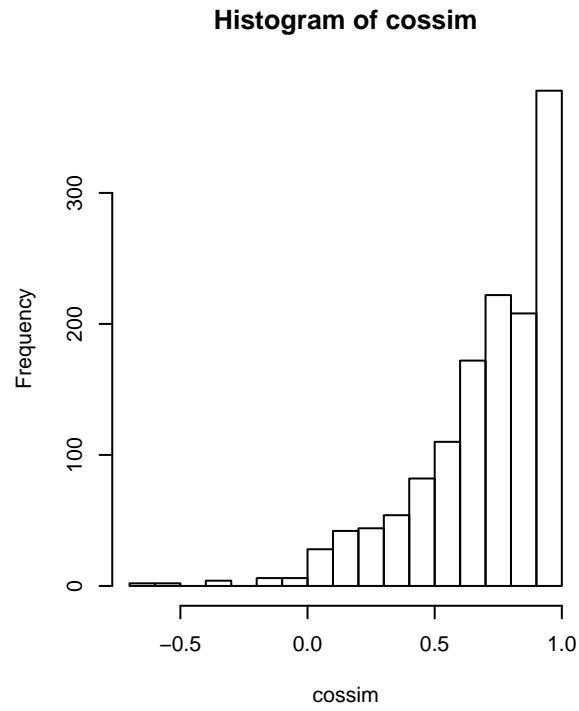


**Scenario 2,  $\delta = 0$**

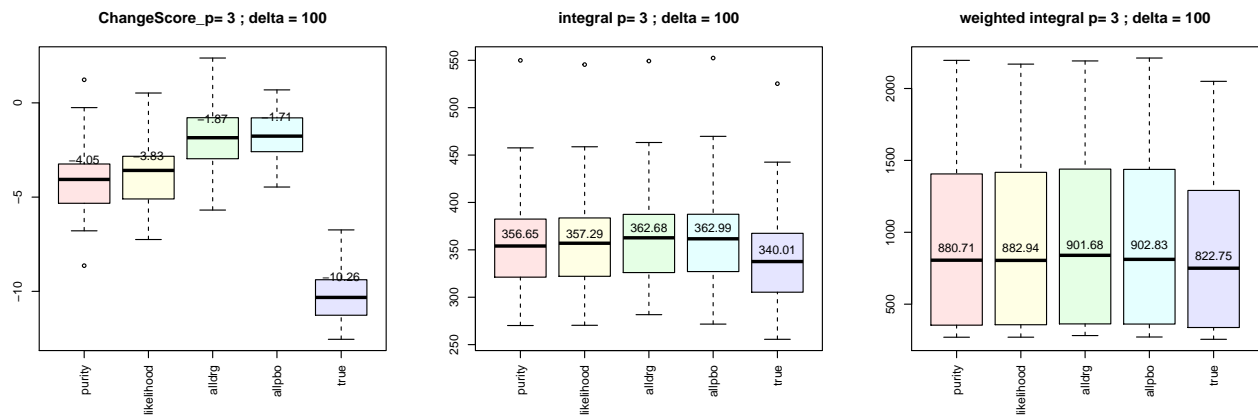


## Scenario 2, $\delta = 0$ , coefficient estimation

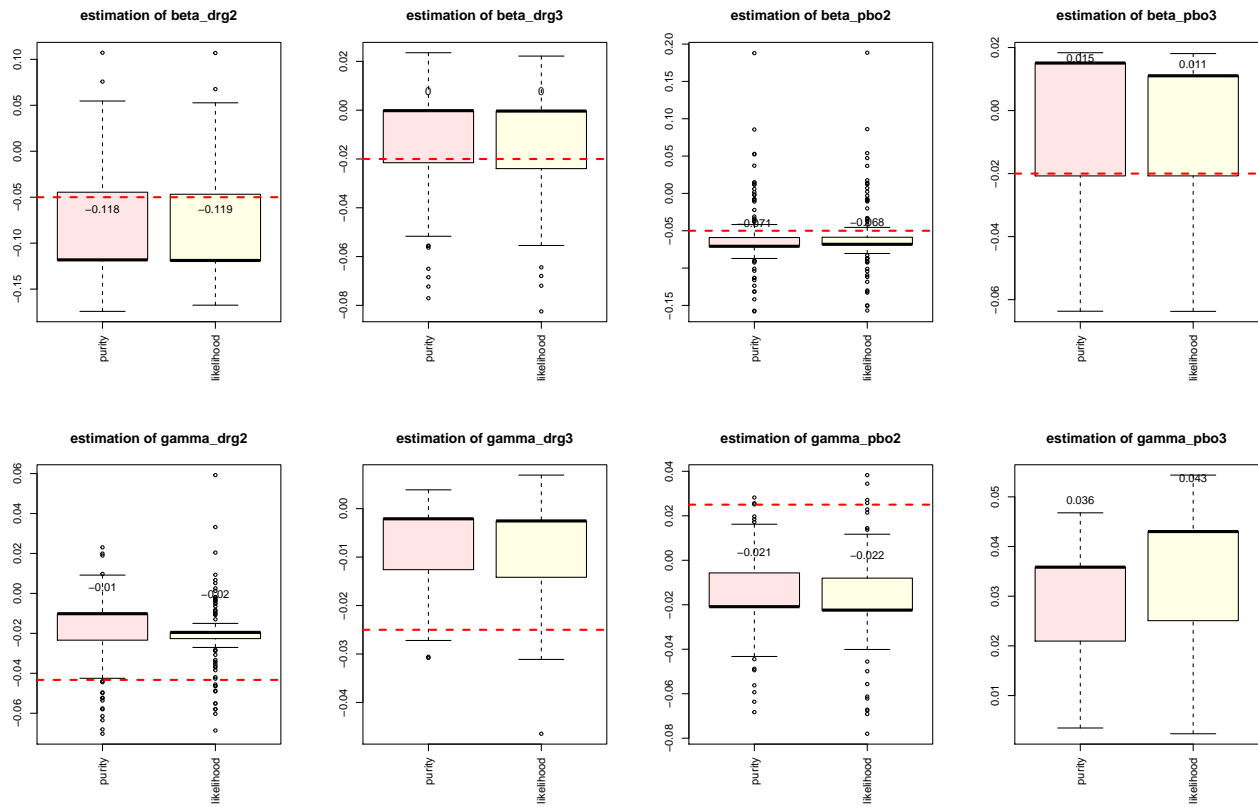




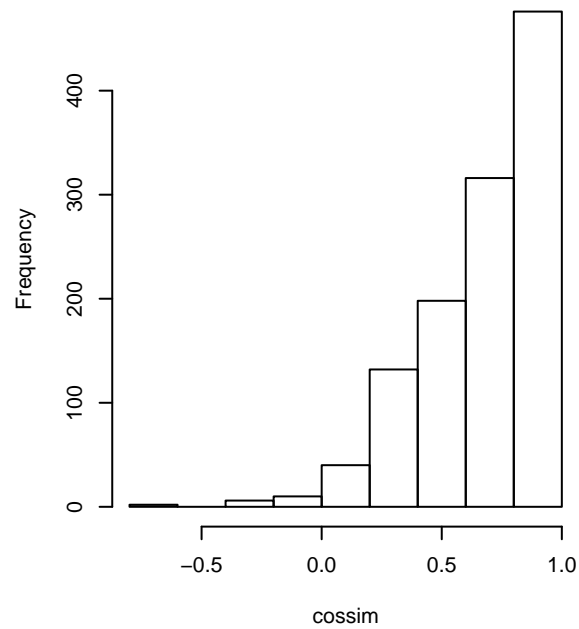
Scenario 2,  $\delta = 100$



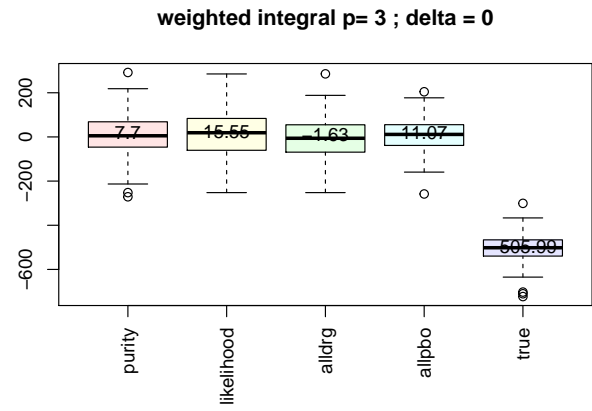
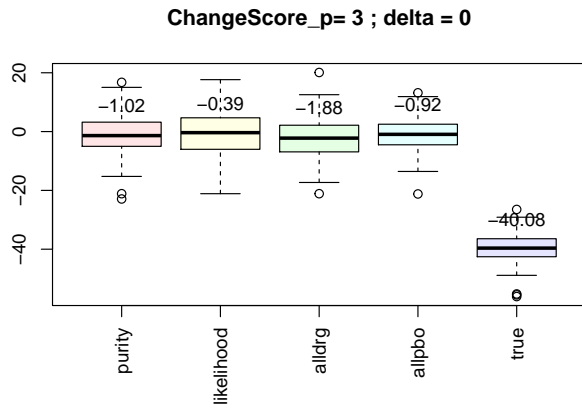
Scenario 2,  $\delta = 100$ , coefficient estimation



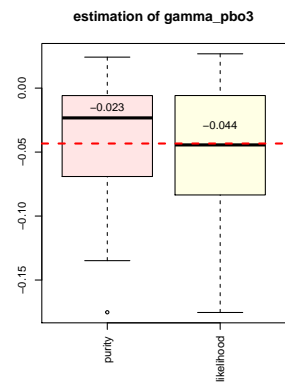
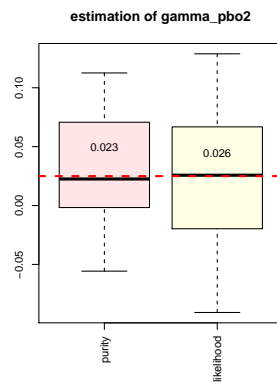
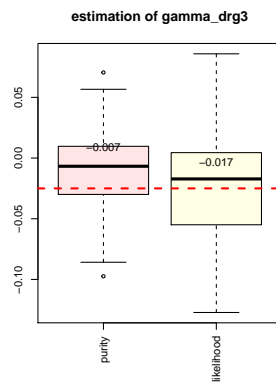
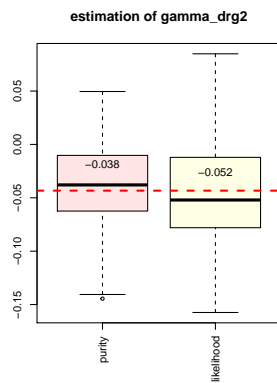
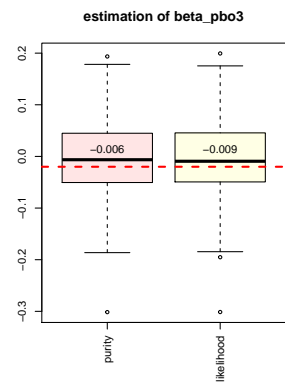
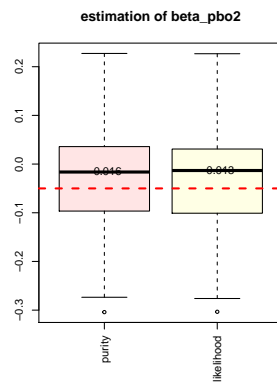
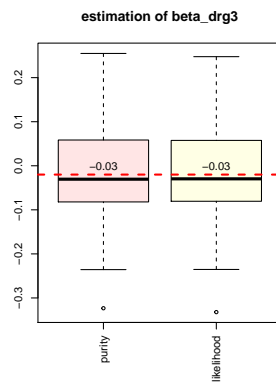
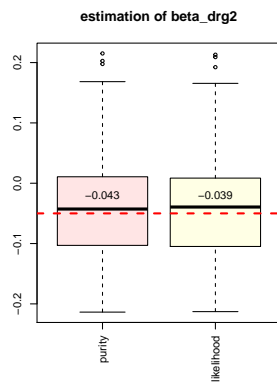
**Histogram of cossim**

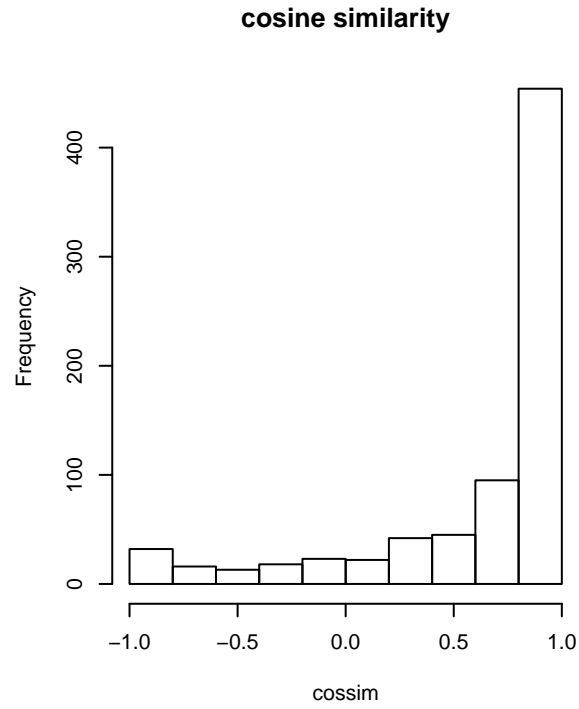


**Scenario 3,  $\delta = 0$**

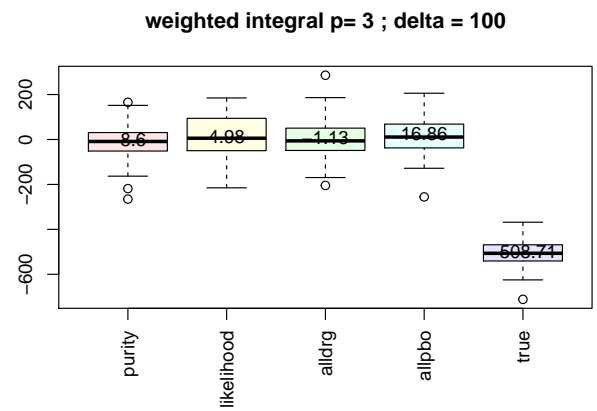
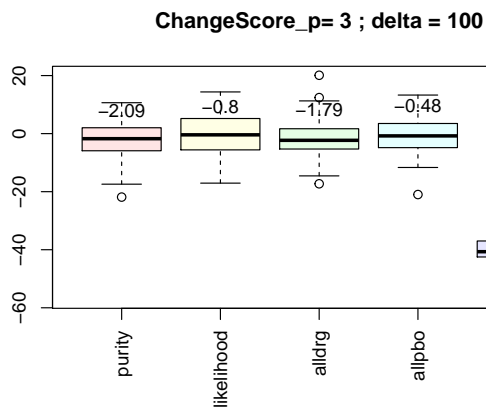


Scenario 3,  $\delta = 0$ , coefficient estimation

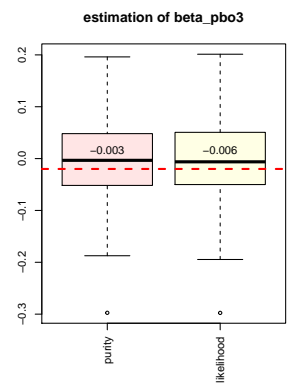
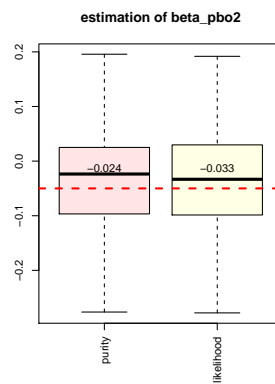
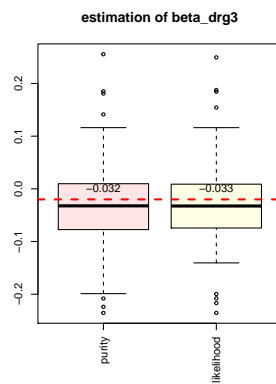
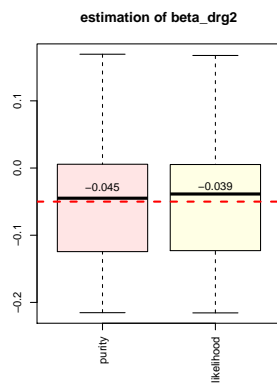




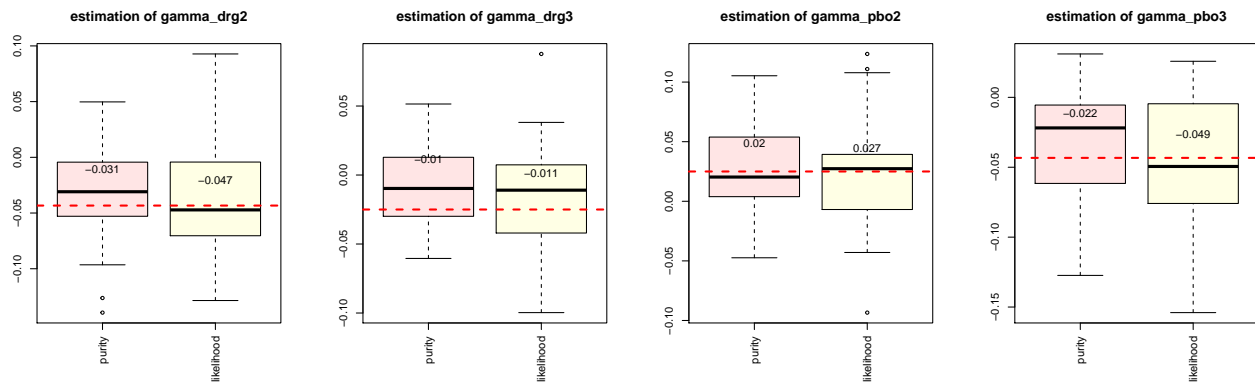
Scenario 3,  $\delta = 100$



Scenario 3,  $\delta = 100$ , coefficient estimation







**Histogram of cossim**

