

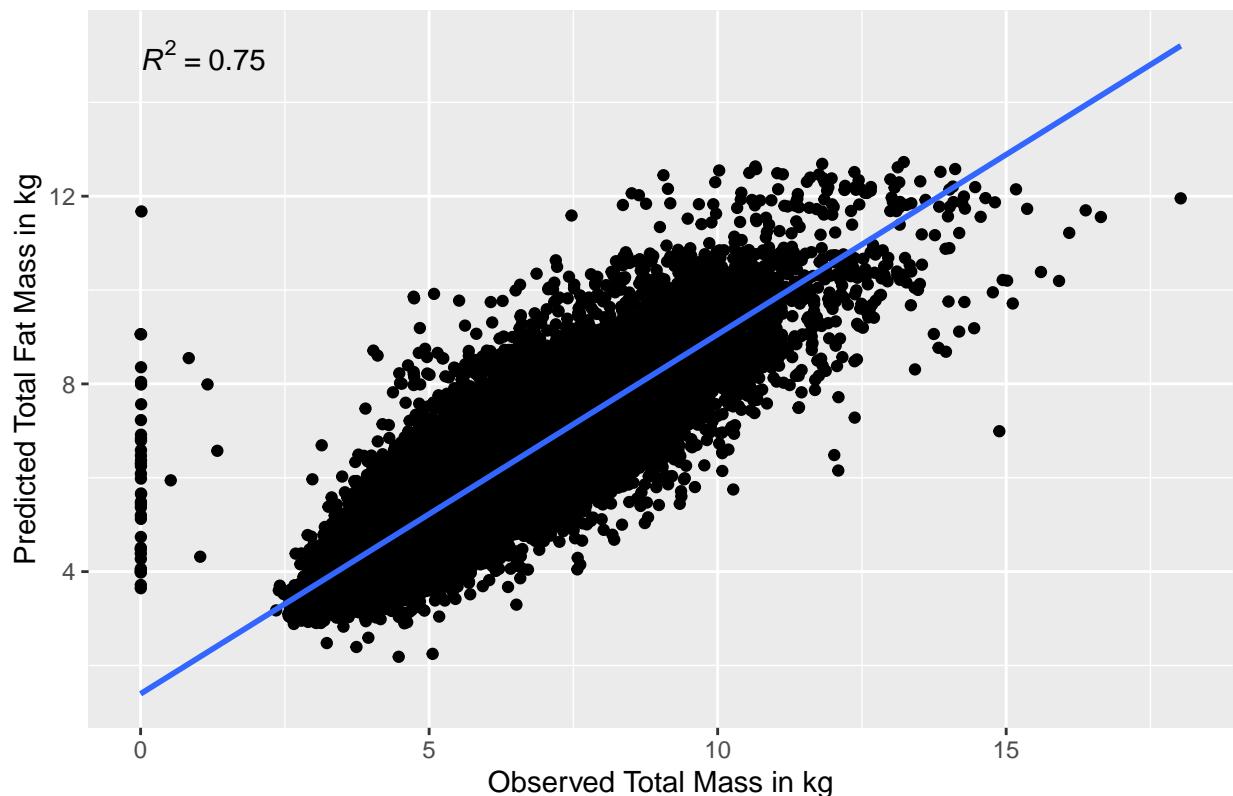
MultipleTotalMassResult

Jianhui Gao

10/9/2022

Android total mass (23248)

Random Forest Prediction



```
## Total Number of Discovery by marginal GWAS: 8
```

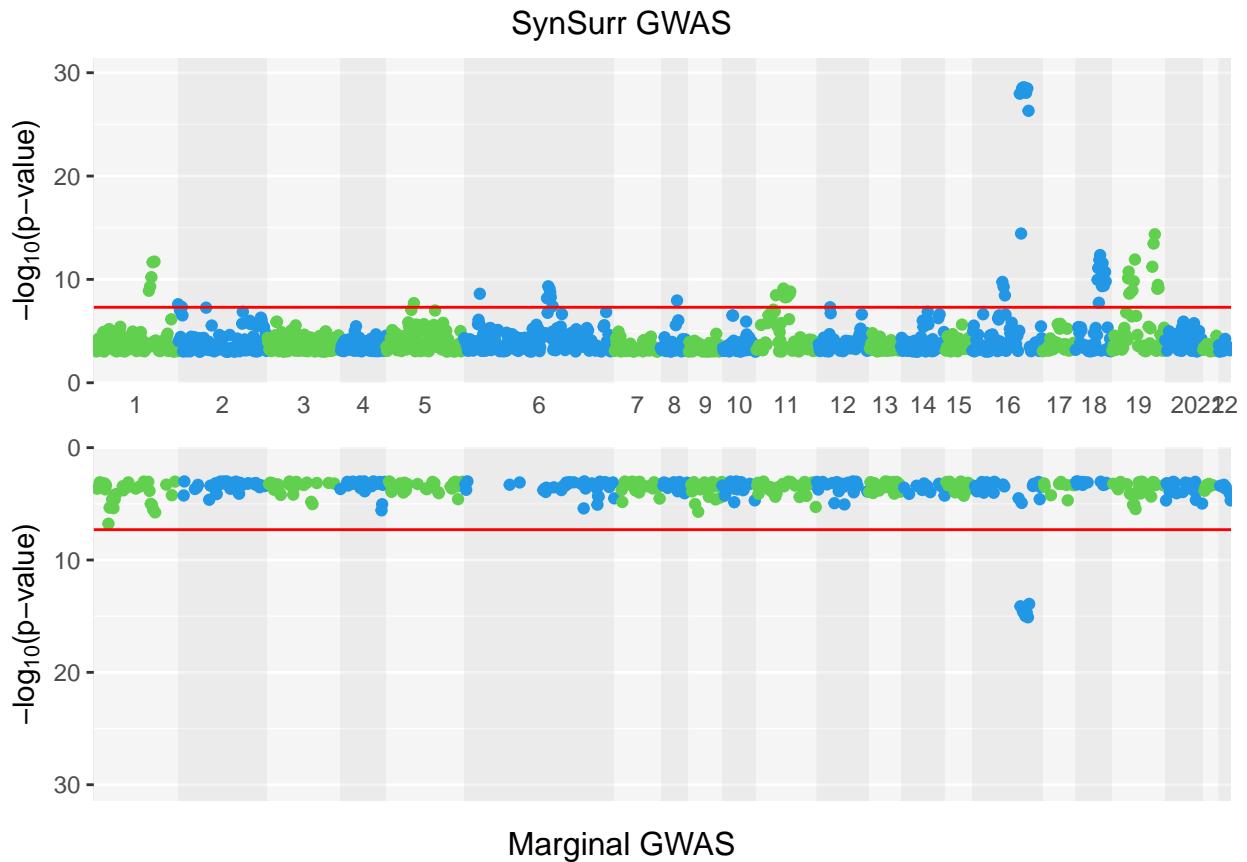
```
## Total Number of Discovery by SynSurr: 80
```

```
## Number of marginal SNPs recovered: 8
```

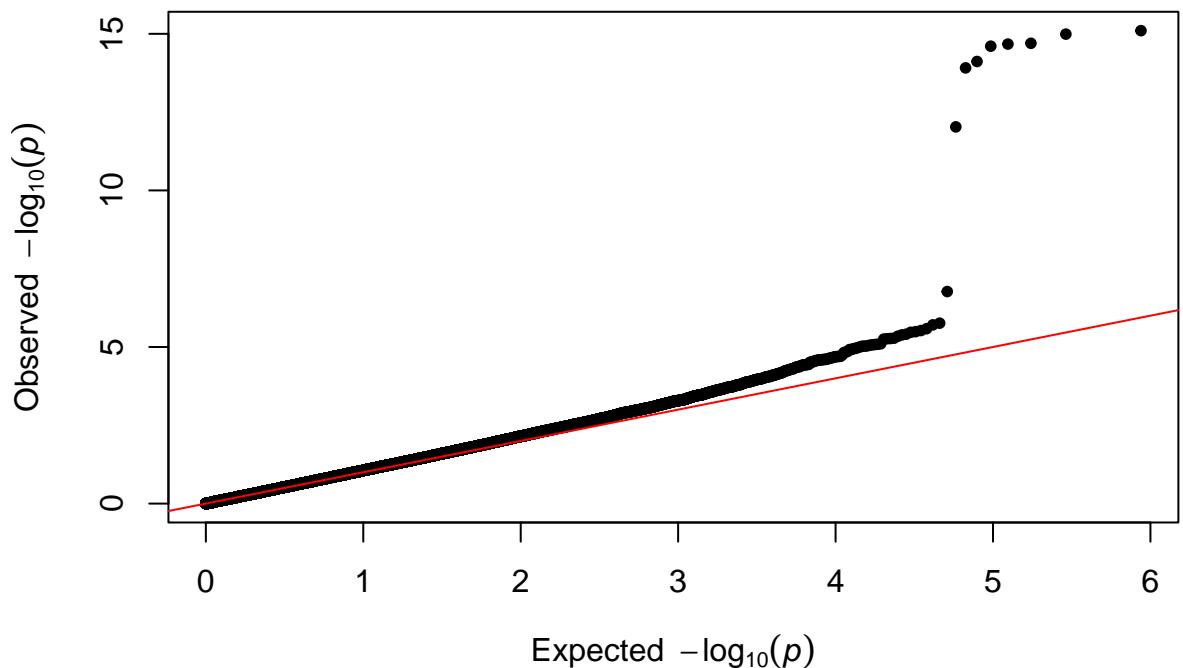
```
## Number of New Discovery: 72
```

```
## Average Chisq of marginal GWAS: 20.55424
```

```
## Average Chisq of SynSurr: 53.98114  
## RE (Mean Square Standard Error) 2.550106
```

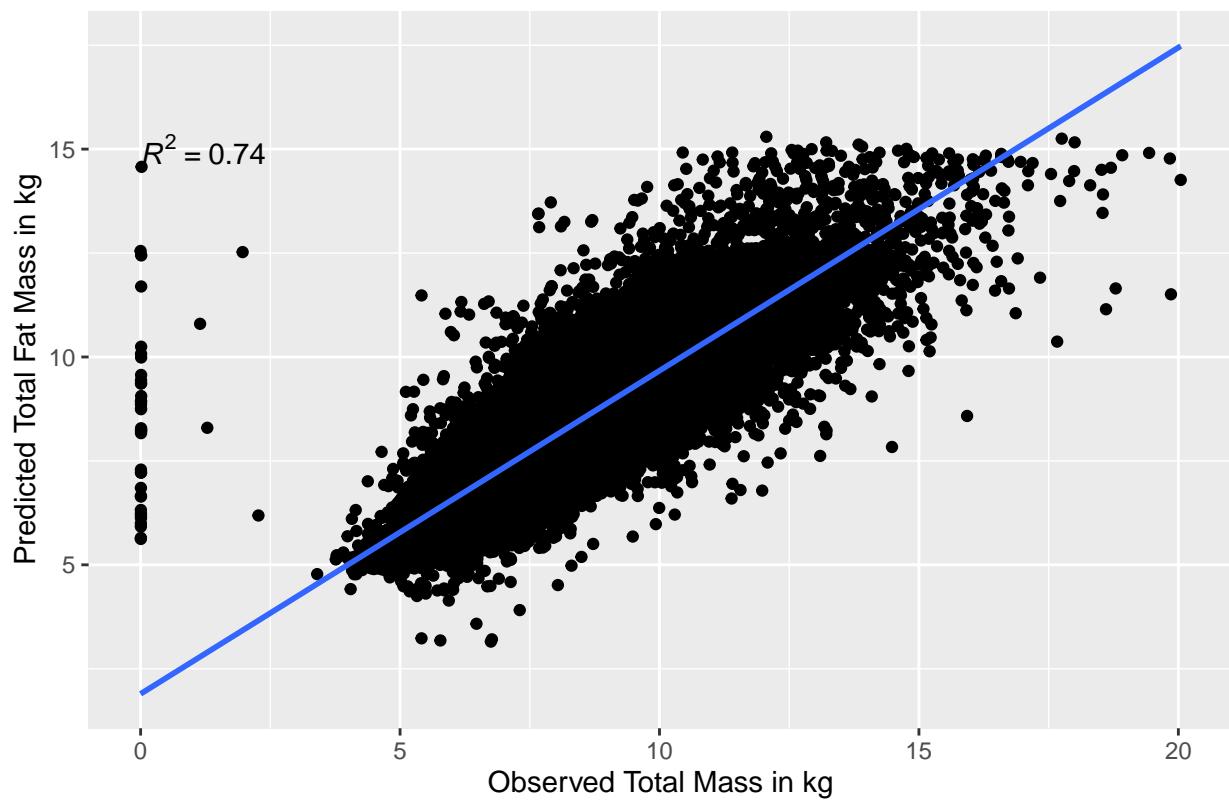


```
## TableGrob (2 x 1) "arrange": 2 grobs  
##   z   cells    name      grob  
## 1 1 (1-1,1-1) arrange gtable[arrange]  
## 2 2 (2-2,1-1) arrange gtable[arrange]
```



Arms total mass (23260)

Random Forest Prediction



Total Number of Discovery by marginal GWAS: 8

```

## Total Number of Discovery by SynSurr: 73

## Number of marginal SNPs recovered: 8

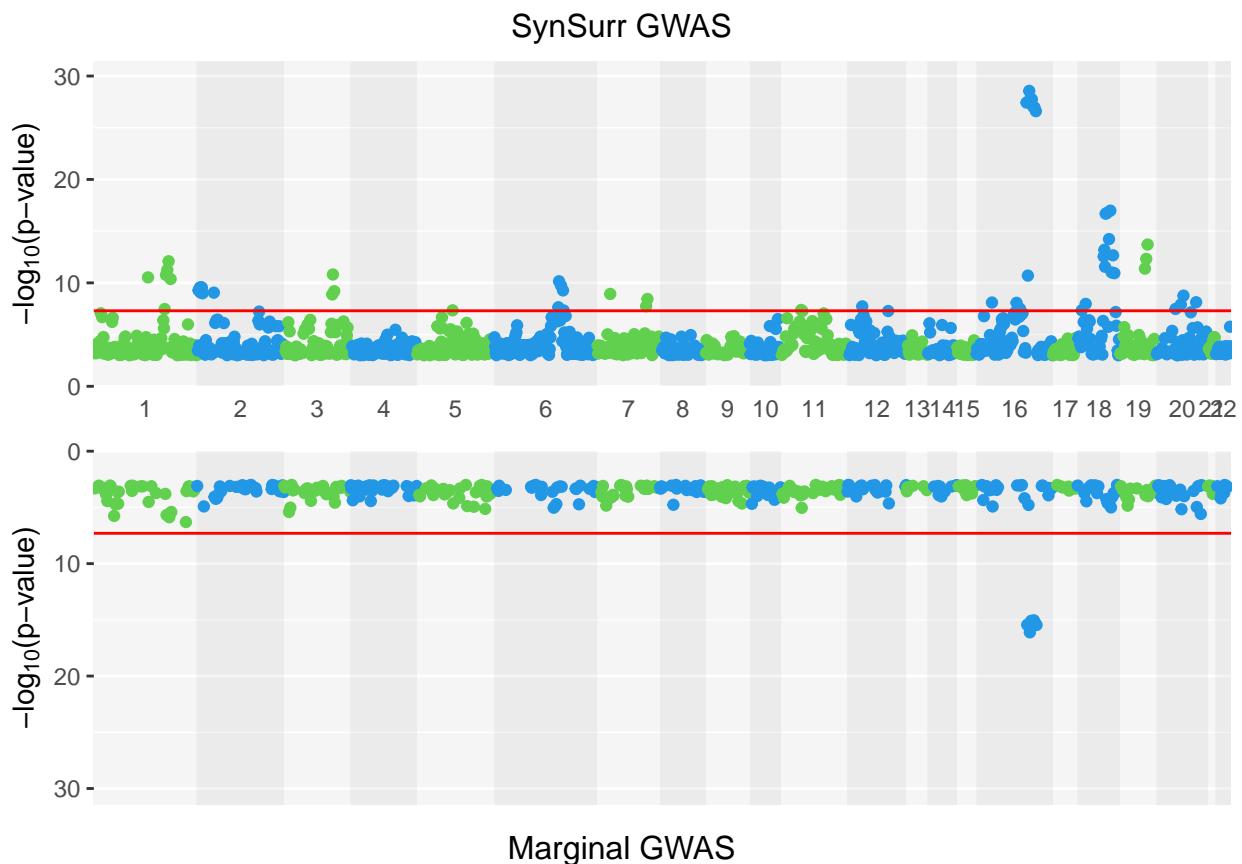
## Number of New Discovery: 65

## Average Chisq of marginal GWAS: 24.33235

## Average Chisq of SynSurr: 56.84327

## RE (Mean Square Standard Error) 2.286223

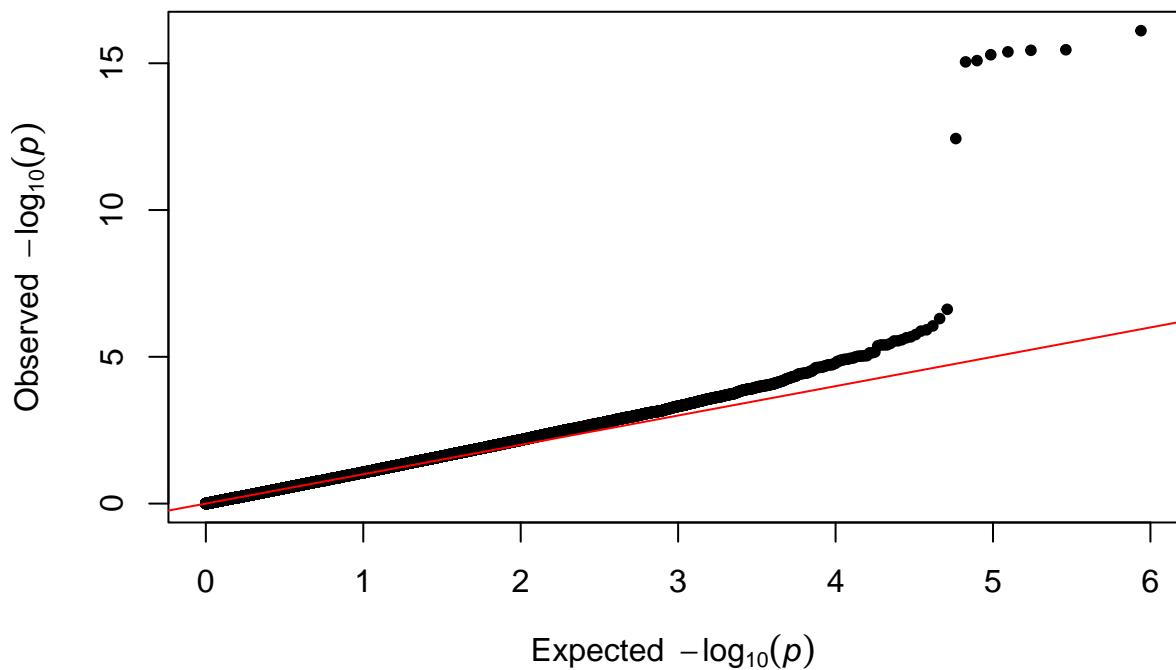
```



```

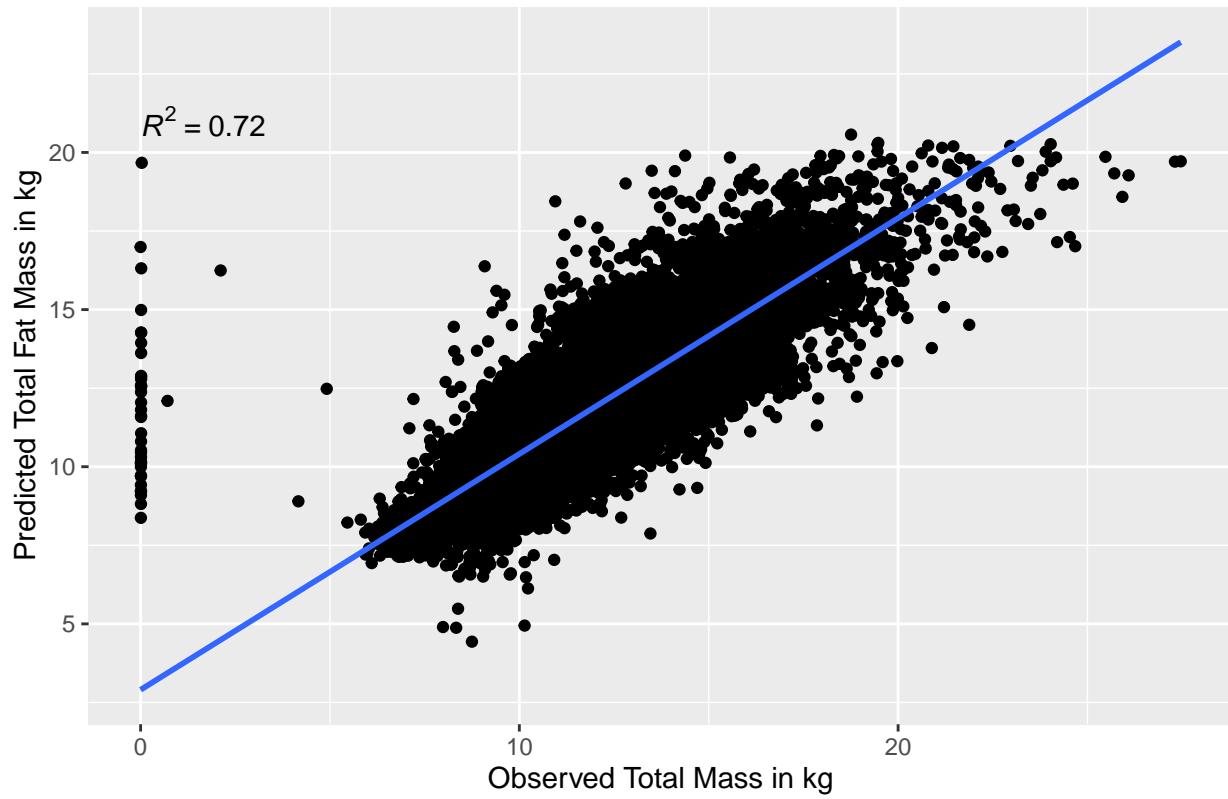
## TableGrob (2 x 1) "arrange": 2 grobs
##   z      cells    name        grob
## 1 1 (1-1,1-1) arrange gtable[arrange]
## 2 2 (2-2,1-1) arrange gtable[arrange]

```



Gynoid total mass (23265)

Random Forest Prediction

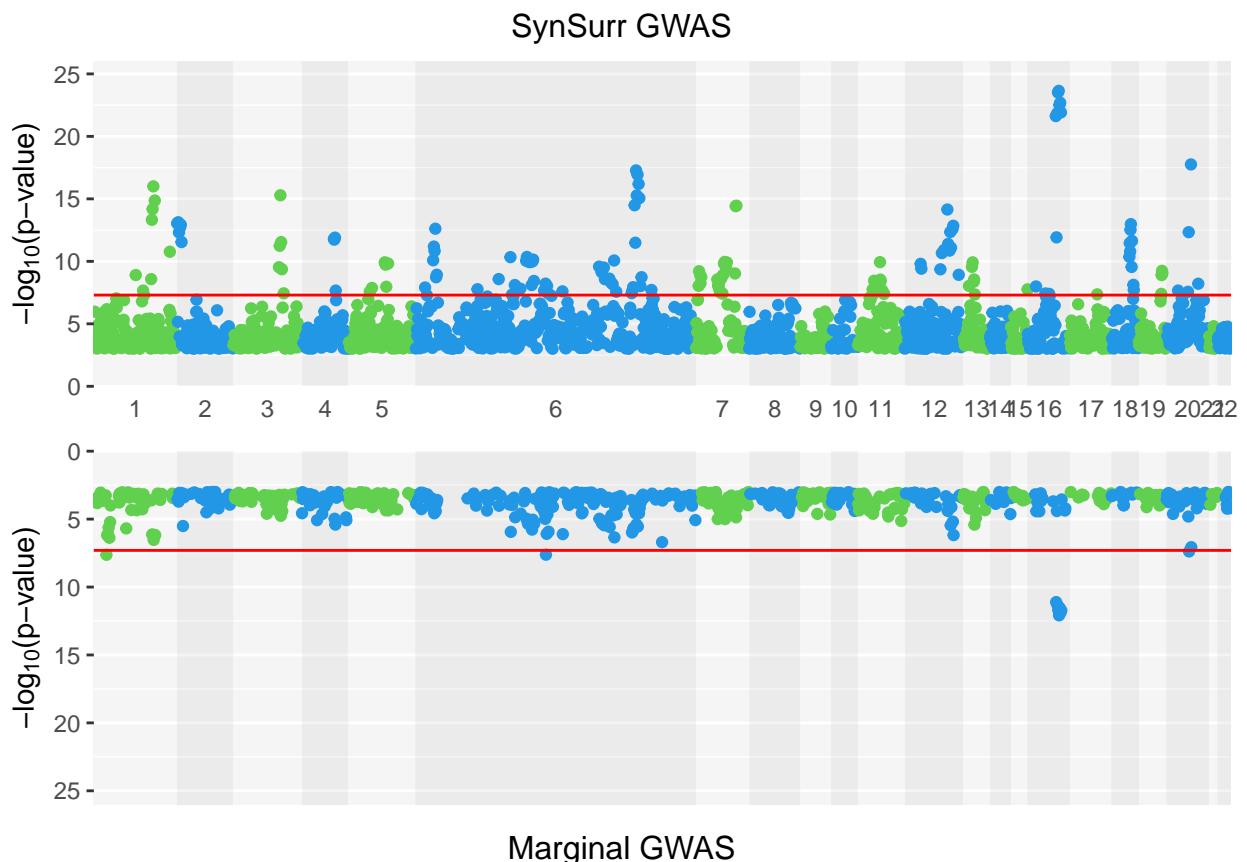


Total Number of Discovery by marginal GWAS: 12

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## Total Number of Discovery by SynSurr: 221
## Number of marginal SNPs recovered: 11
## Number of New Discovery: 210
## Average Chisq of marginal GWAS: 17.49643
## Average Chisq of SynSurr: 45.28773
## RE (Mean Square Standard Error) 2.656327

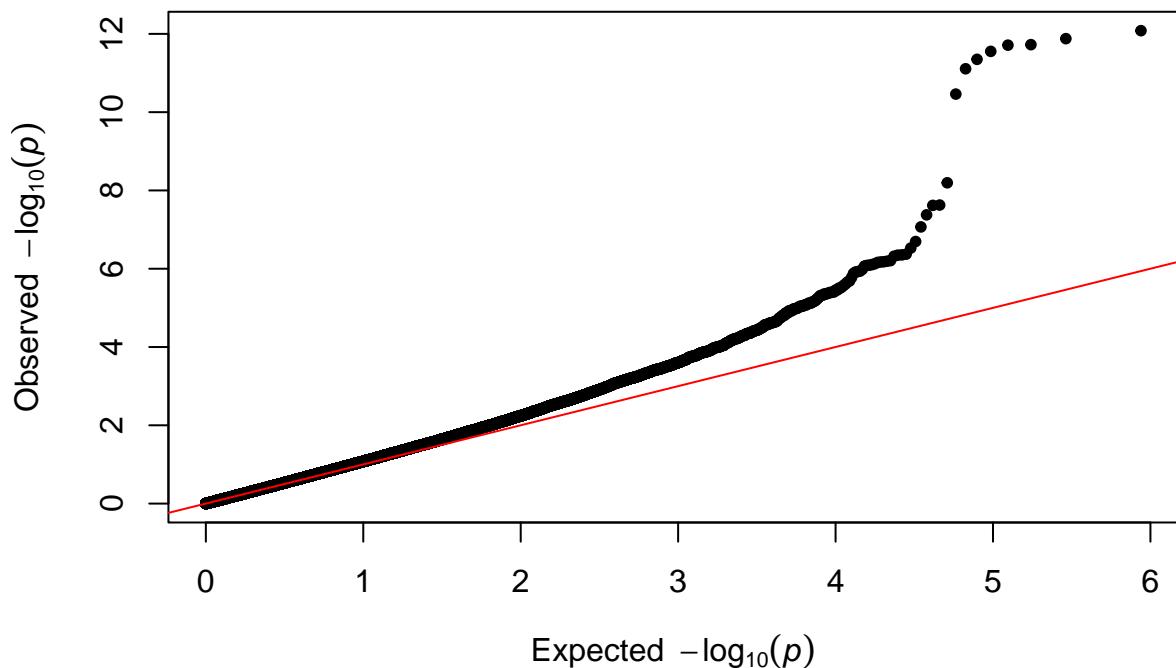
```



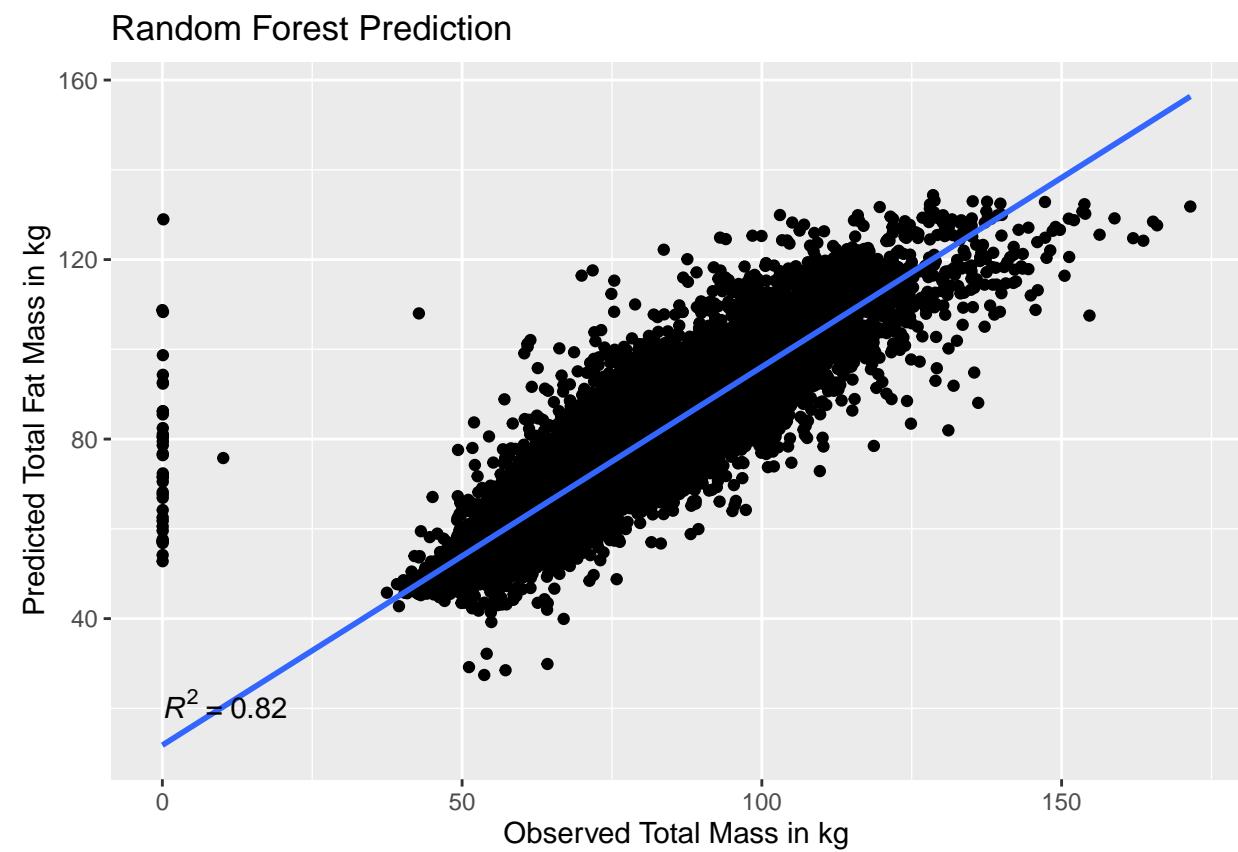
```

## TableGrob (2 x 1) "arrange": 2 grobs
##   z      cells    name        grob
## 1 1 (1-1,1-1) arrange gtable[arrange]
## 2 2 (2-2,1-1) arrange gtable[arrange]

```



Total mass (23283)

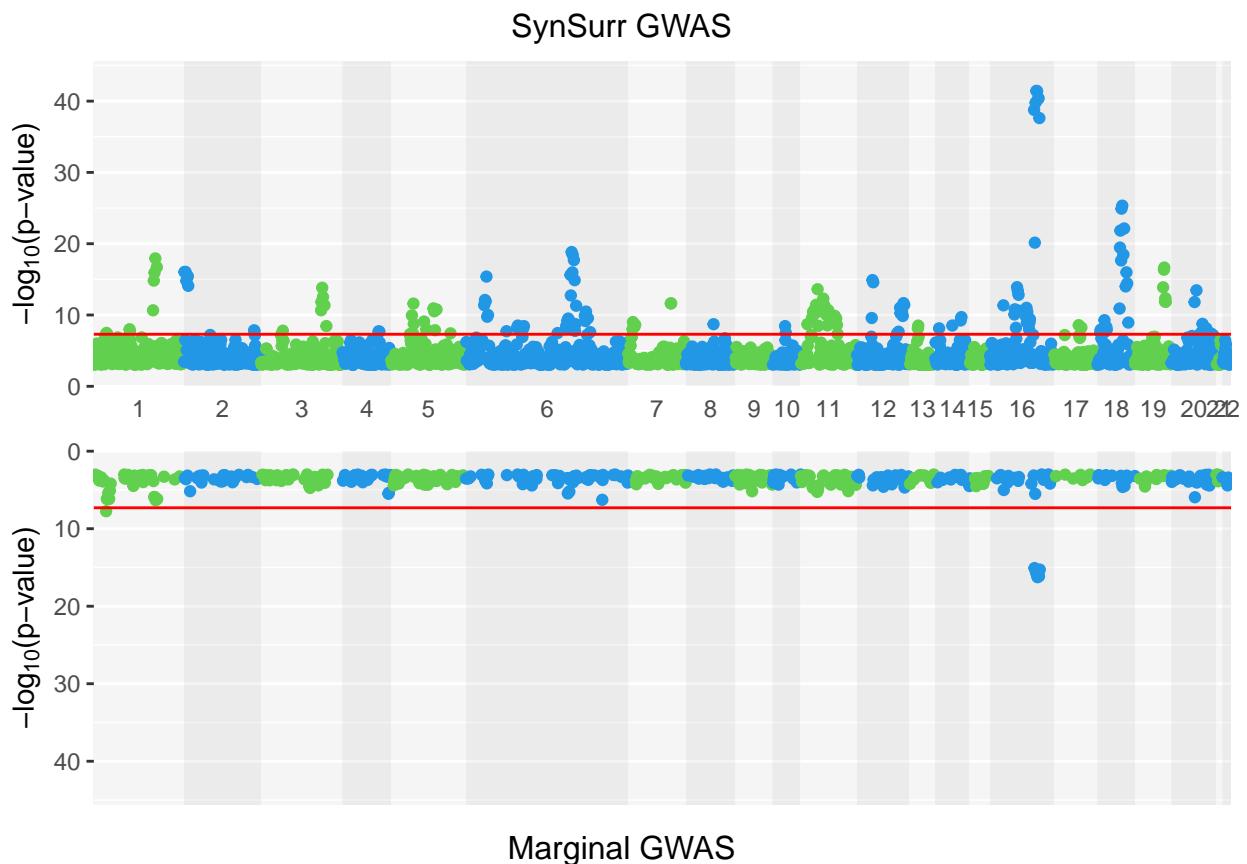


Total Number of Discovery by marginal GWAS: 9

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## Total Number of Discovery by SynSurr: 256
## Number of marginal SNPs recovered: 8
## Number of New Discovery: 248
## Average Chisq of marginal GWAS: 14.42787
## Average Chisq of SynSurr: 53.24824
## RE (Mean Square Standard Error) 3.458059

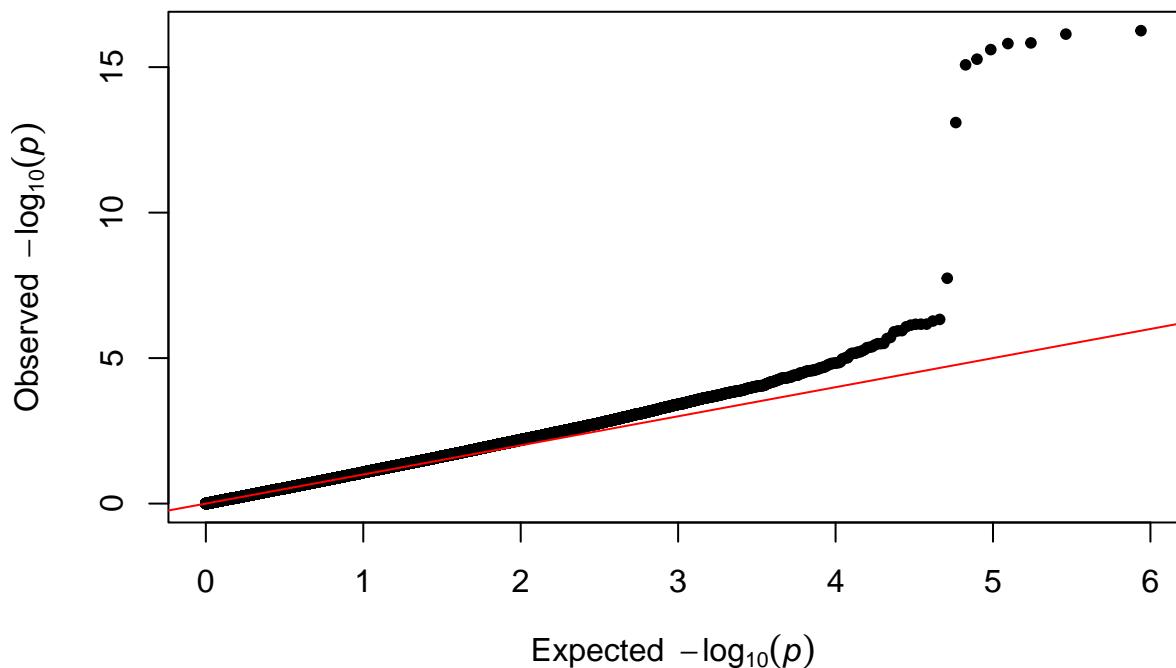
```



```

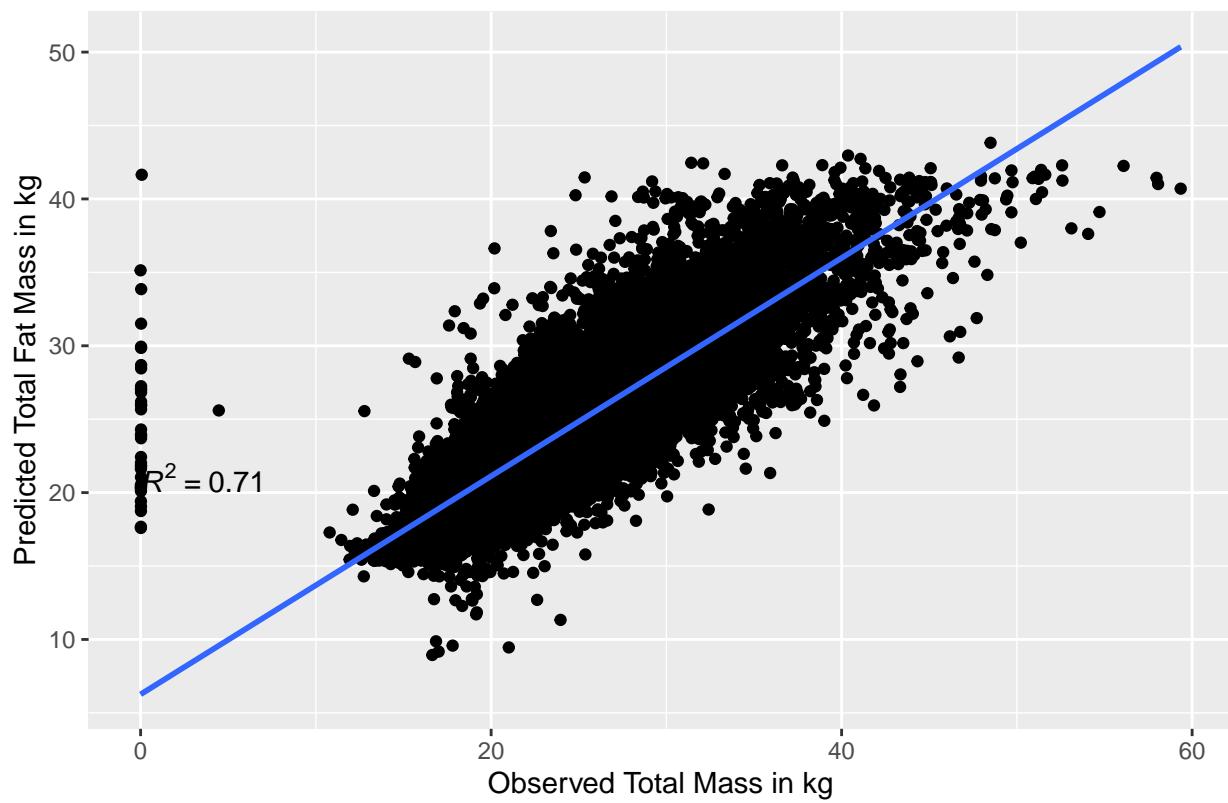
## TableGrob (2 x 1) "arrange": 2 grobs
##   z      cells    name      grob
## 1 1 (1-1,1-1) arrange gtable[arrange]
## 2 2 (2-2,1-1) arrange gtable[arrange]

```



Legs total mass

Random Forest Prediction

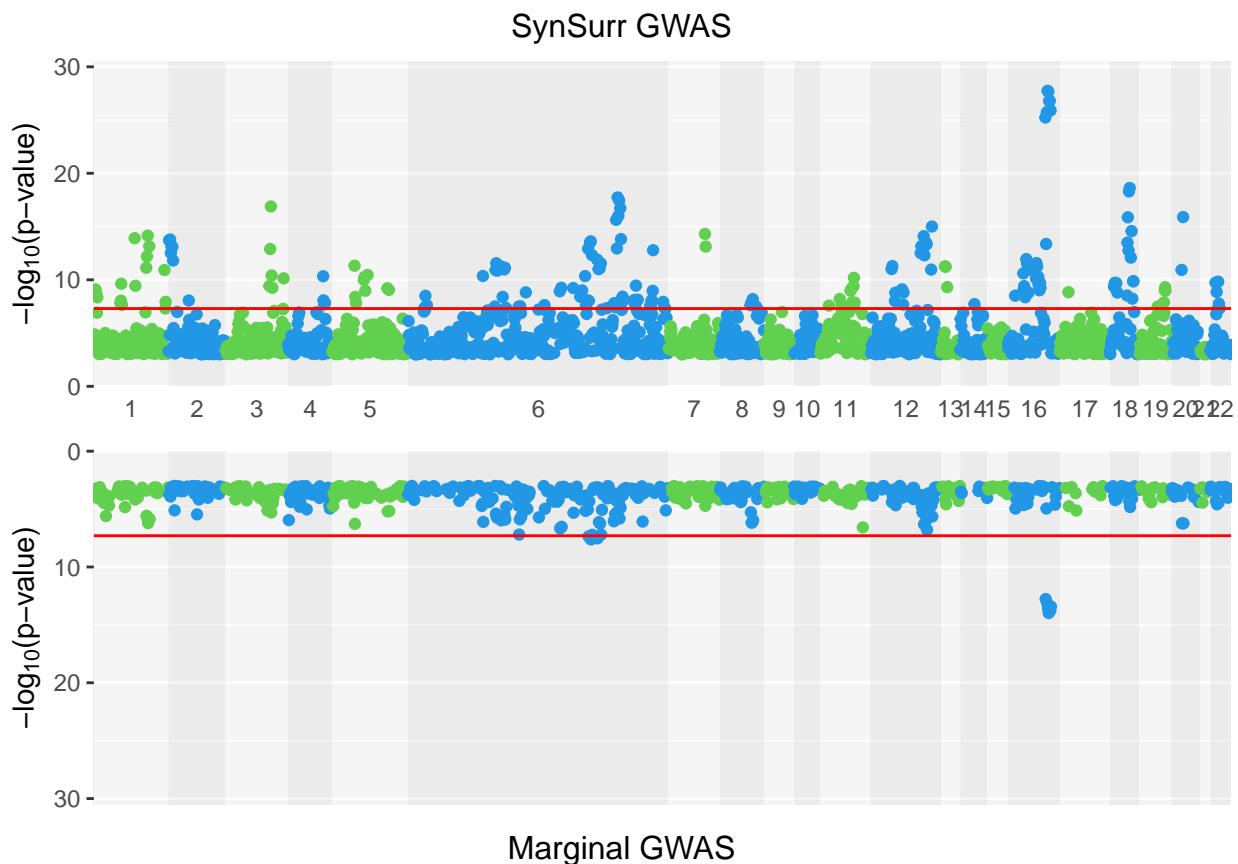


Total Number of Discovery by marginal GWAS: 14

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## Total Number of Discovery by SynSurr: 257
## Number of marginal SNPs recovered: 14
## Number of New Discovery: 243
## Average Chisq of marginal GWAS: 18.29998
## Average Chisq of SynSurr: 47.56262
## RE (Mean Square Standard Error) 2.589983

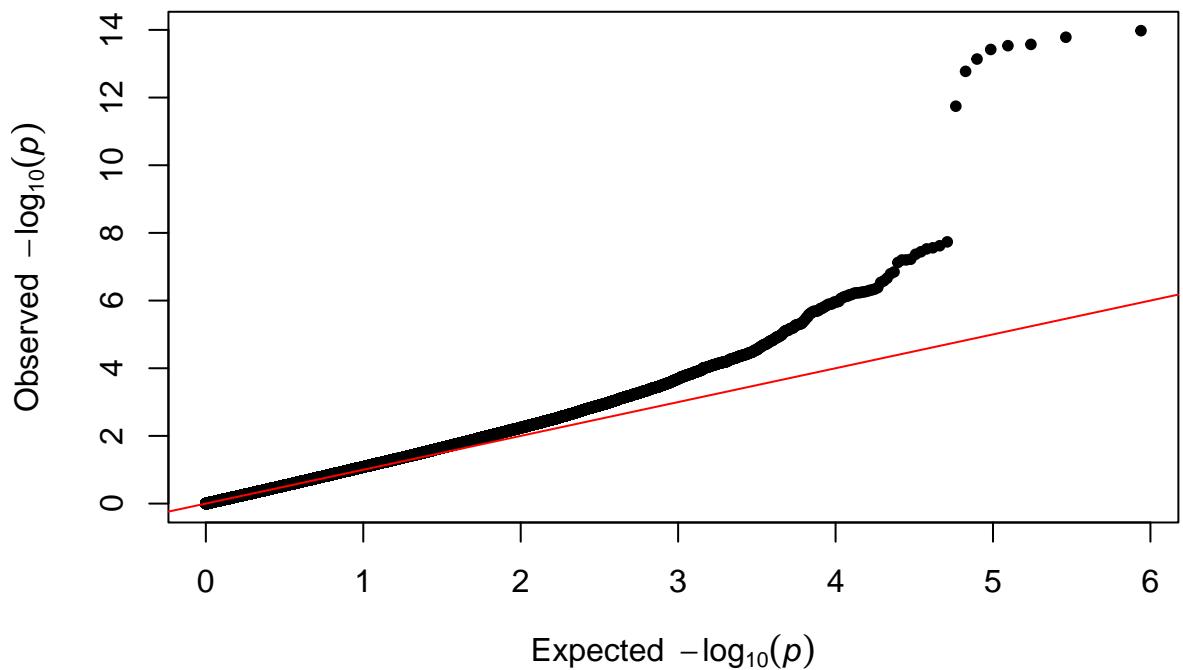
```



```

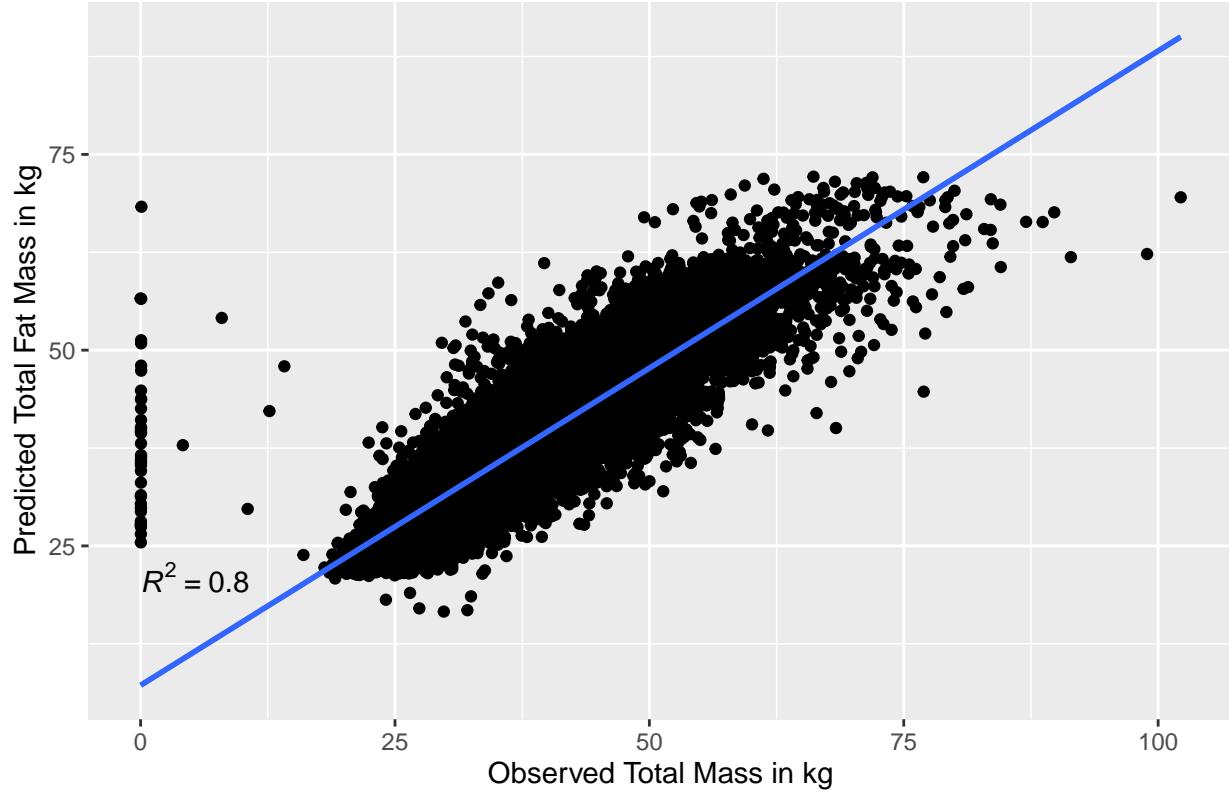
## TableGrob (2 x 1) "arrange": 2 grobs
##   z      cells    name      grob
## 1 1 (1-1,1-1) arrange gtable[arrange]
## 2 2 (2-2,1-1) arrange gtable[arrange]

```



Trunk total mass (23287)

Random Forest Prediction



Total Number of Discovery by marginal GWAS: 9

```

## Total Number of Discovery by SynSurr: 140

## Number of marginal SNPs recovered: 8

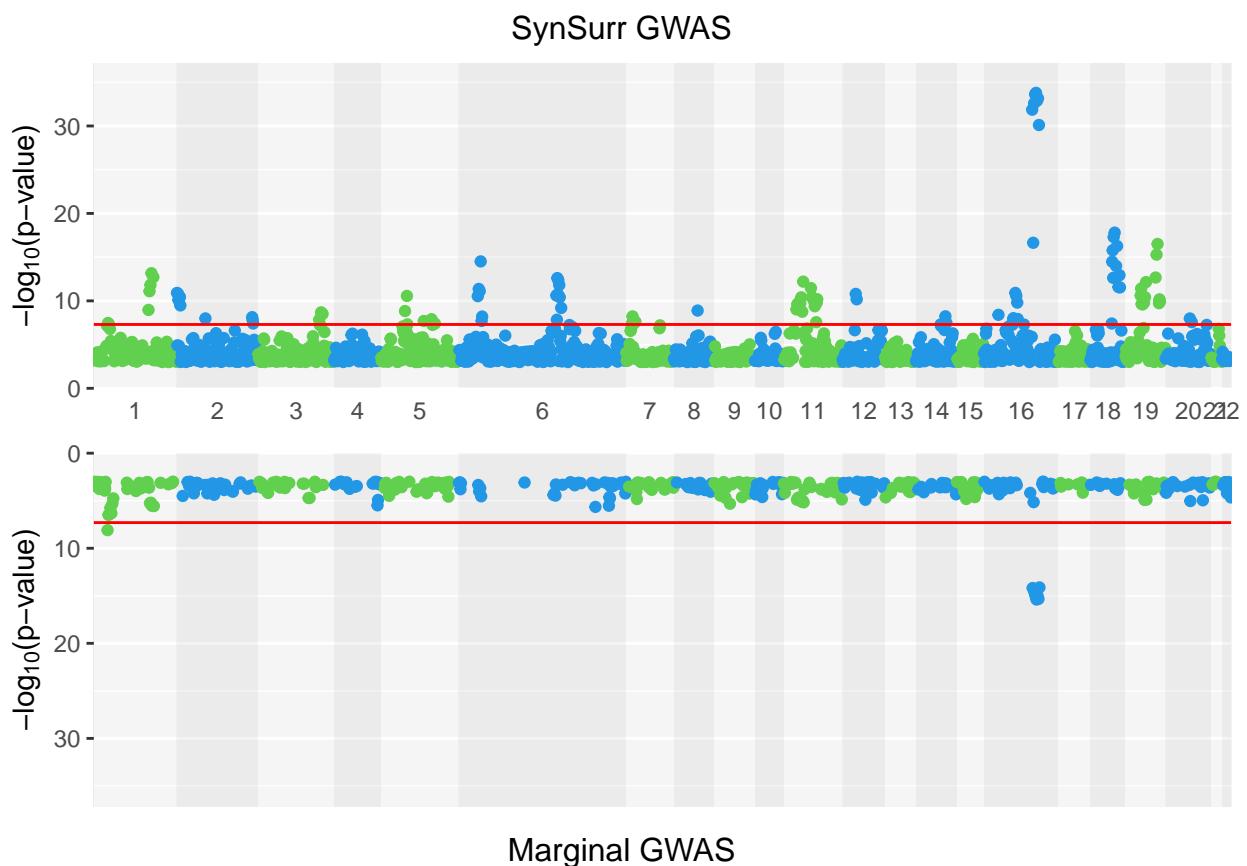
## Number of New Discovery: 132

## Average Chisq of marginal GWAS: 17.30486

## Average Chisq of SynSurr: 53.54617

## RE (Mean Square Standard Error) 2.995414

```



```

## TableGrob (2 x 1) "arrange": 2 grobs
##   z      cells    name        grob
## 1 1 (1-1,1-1) arrange gtable[arrange]
## 2 2 (2-2,1-1) arrange gtable[arrange]

```

