



DNA methylation  
data (IDAT files)

Background  
correction (*noob*)

Healthy individuals

$N_{\text{samples}} = 2325$   
 $N_{\text{probes}} = 485512$

Quality control

Healthy individuals

$N_{\text{samples}} = 2218$   
 $N_{\text{probes}} = 485512$

Probe filtering

$\beta$ -value  
calculation

BMIQ  
normalisation

Healthy individuals

$N_{\text{samples}} = 2218$   
 $N_{\text{probes}} = 428266$