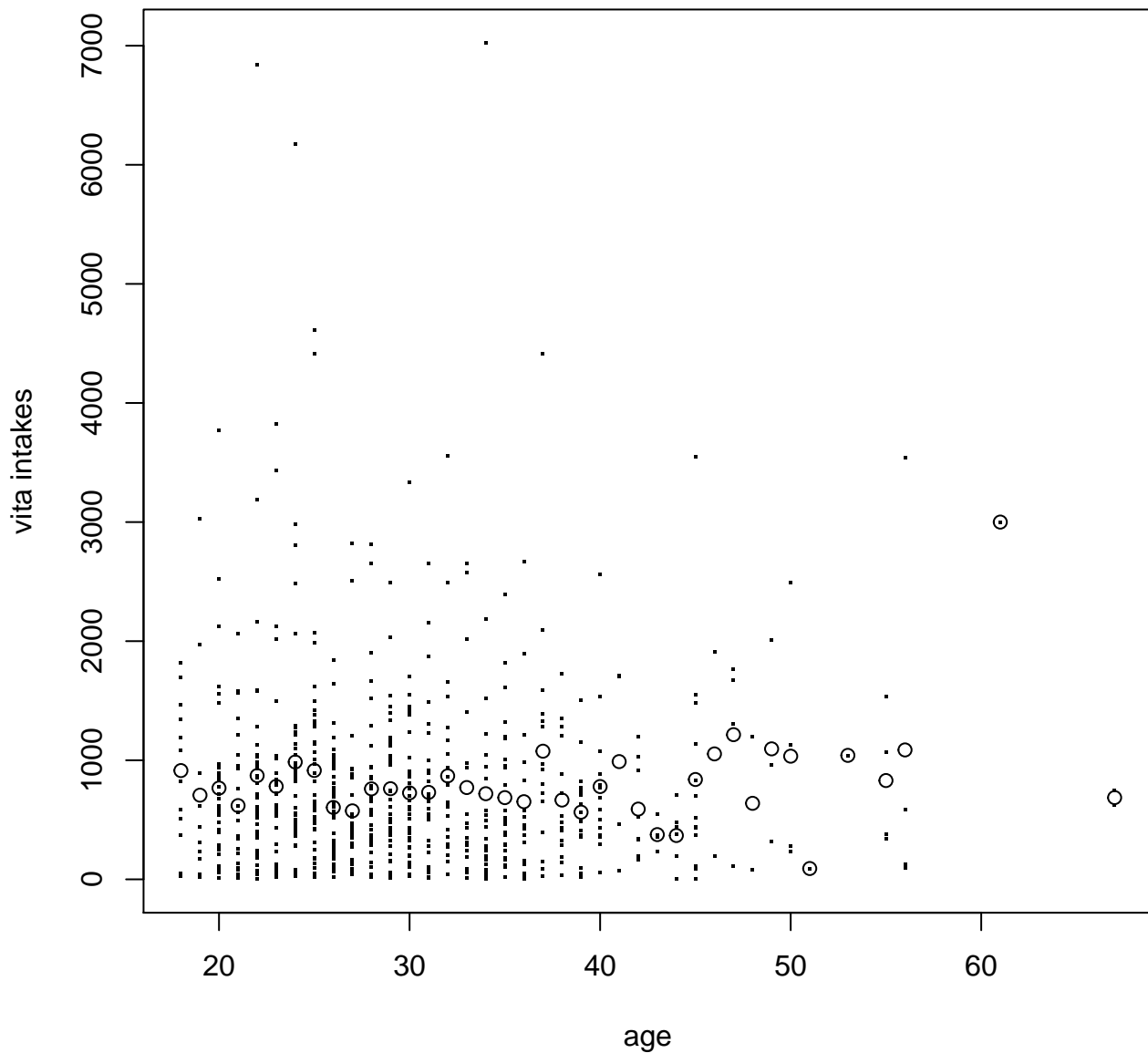
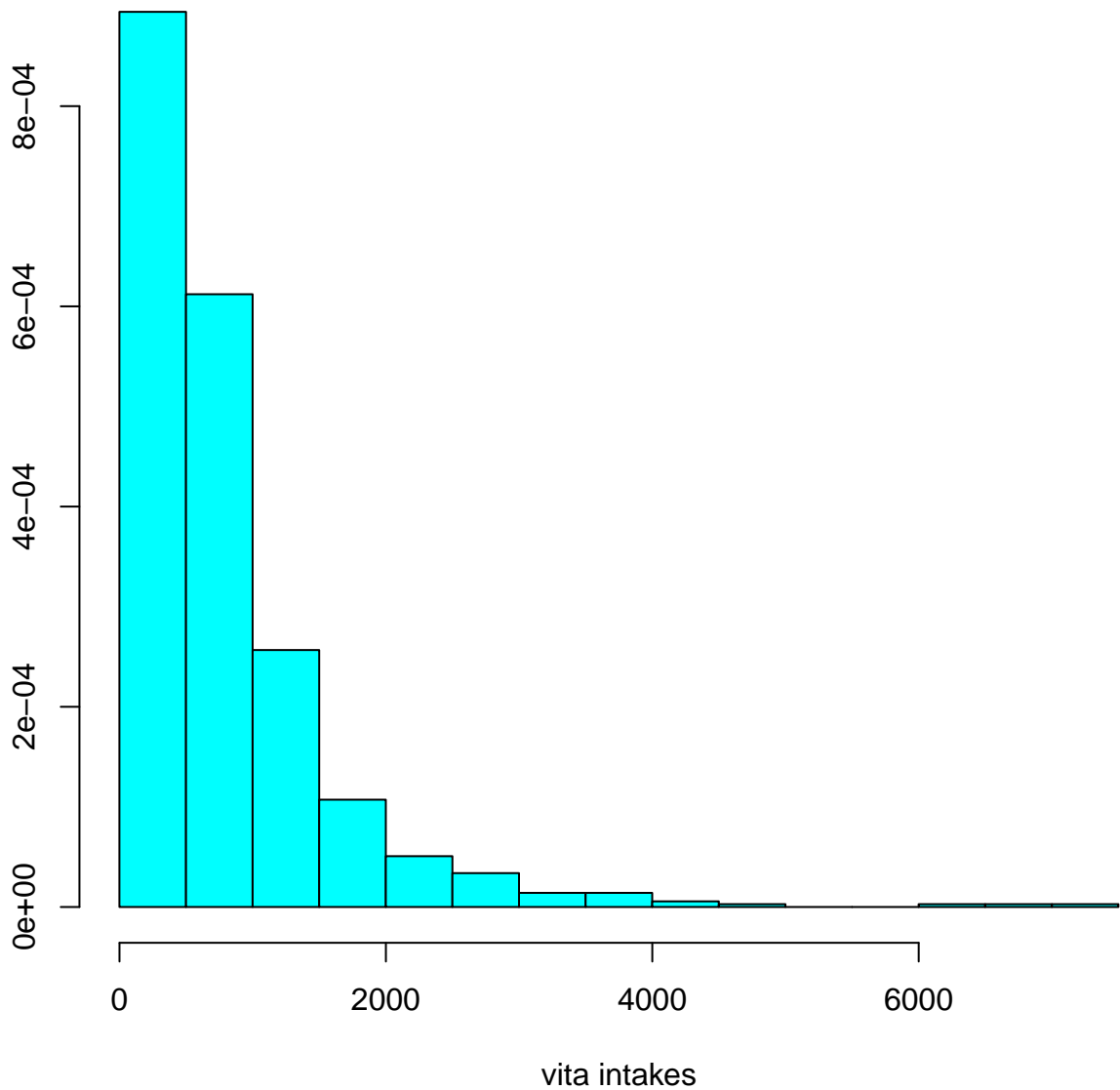


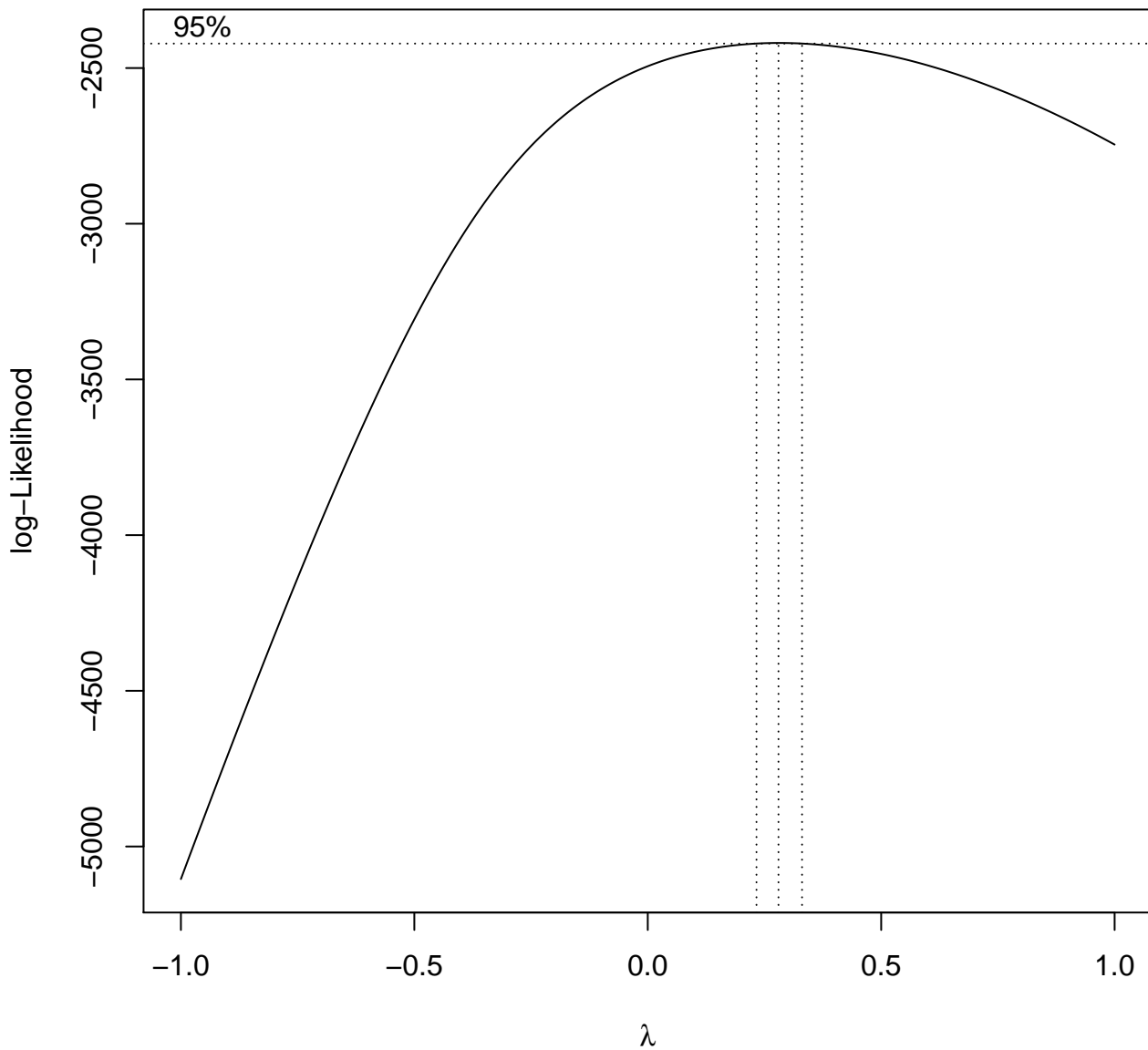
Original data for vita in zambia\_wom  
women ; age 18-67



Original data for vita in zambia\_wom  
women ; age 18-67

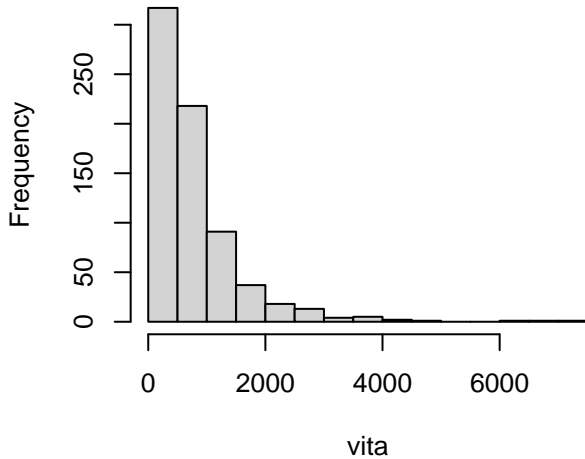


Box-Cox plot for original data for vita in zambia\_wom  
women ; age 18-67  
 $\lambda = 0.282$  (0.24,0.33)

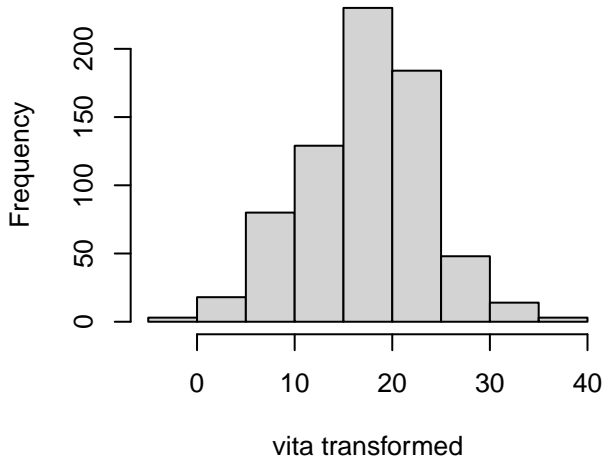


Diagnostic plots for vita in zambia\_wom  
women ; age 18–67

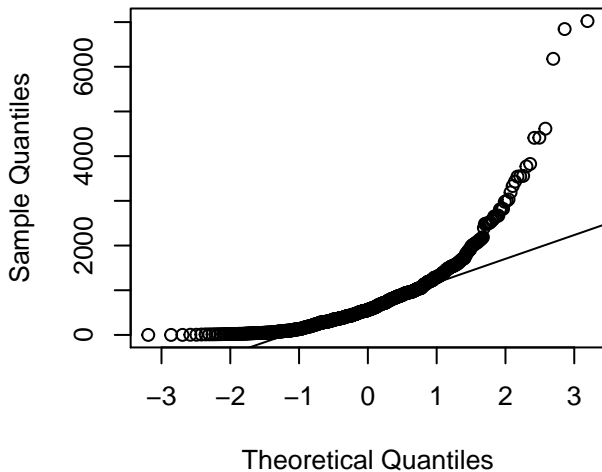
**Intakes before  
Box–Cox trans.**



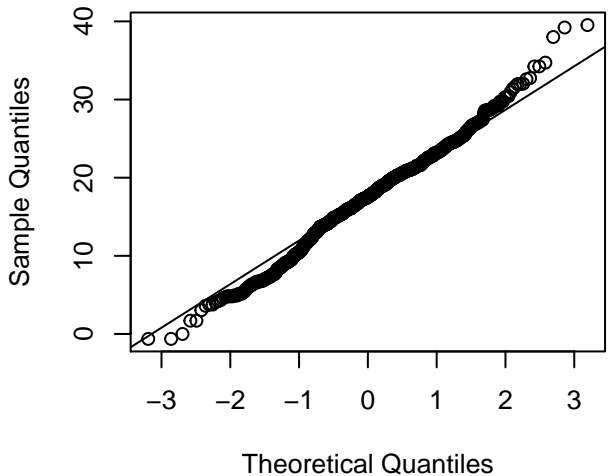
**Intakes after  
Box–Cox trans.**



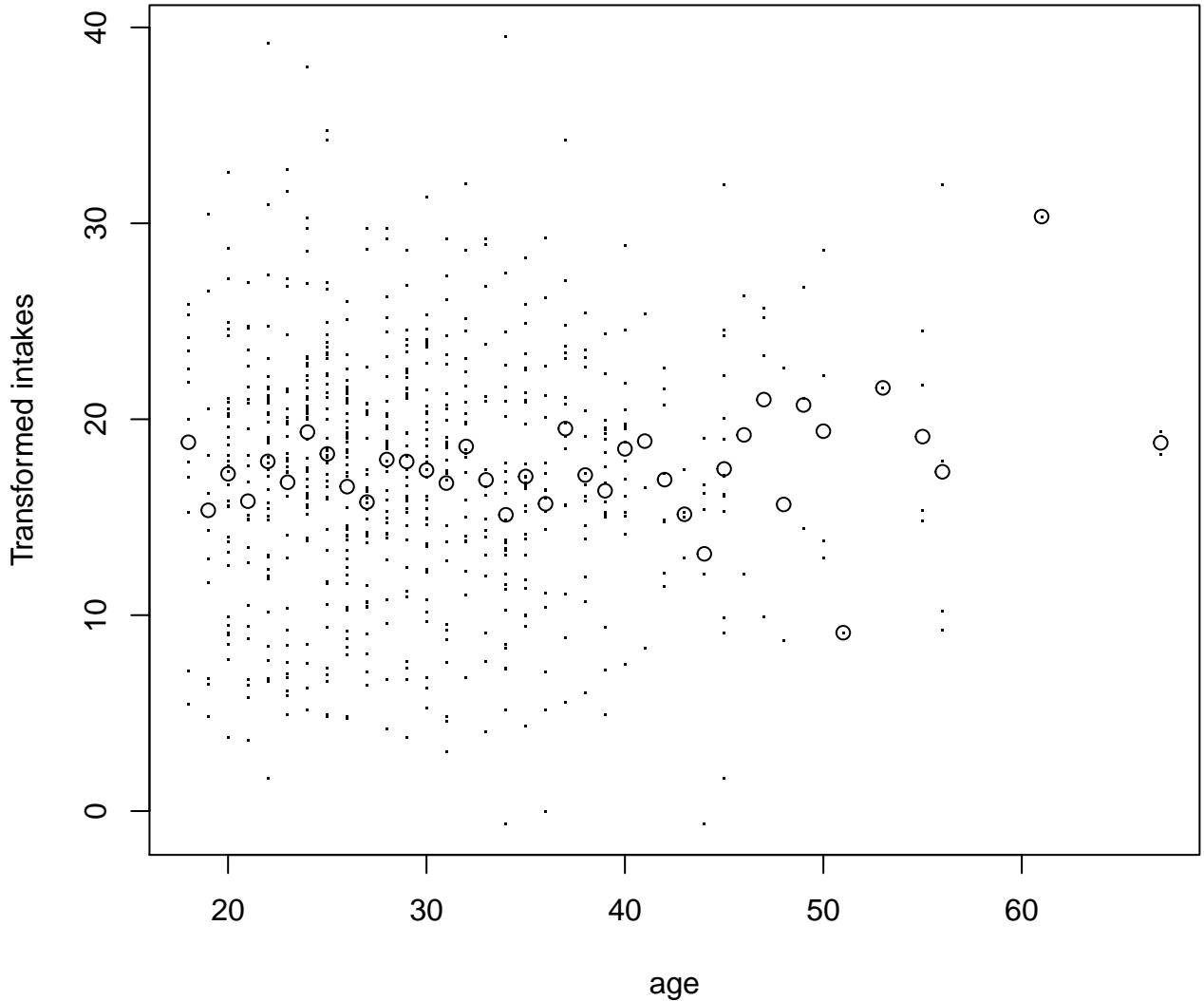
**Normal Q–Q plot  
Original intakes**



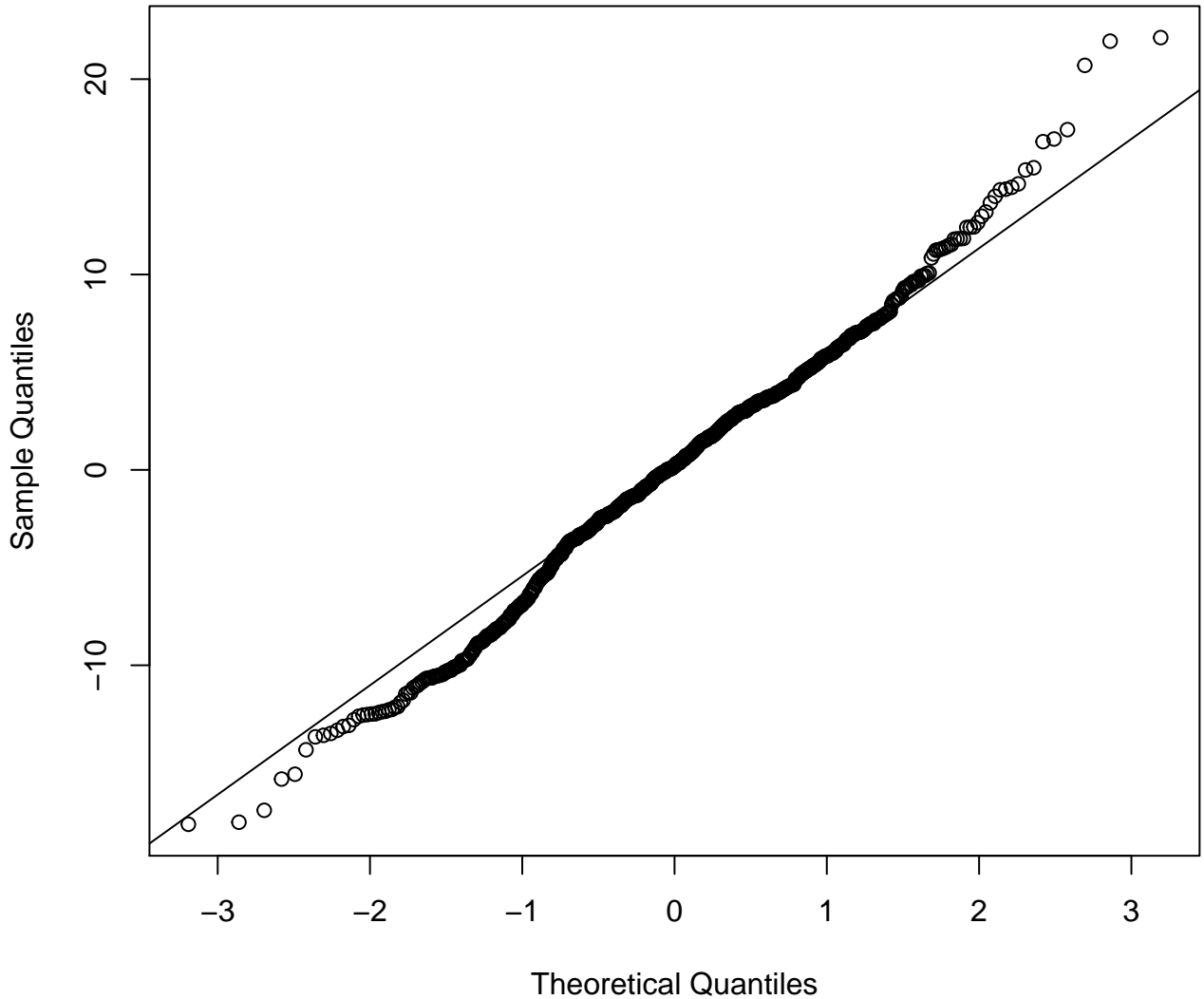
**BoxCox transformed intakes  
lambda = 0.282**



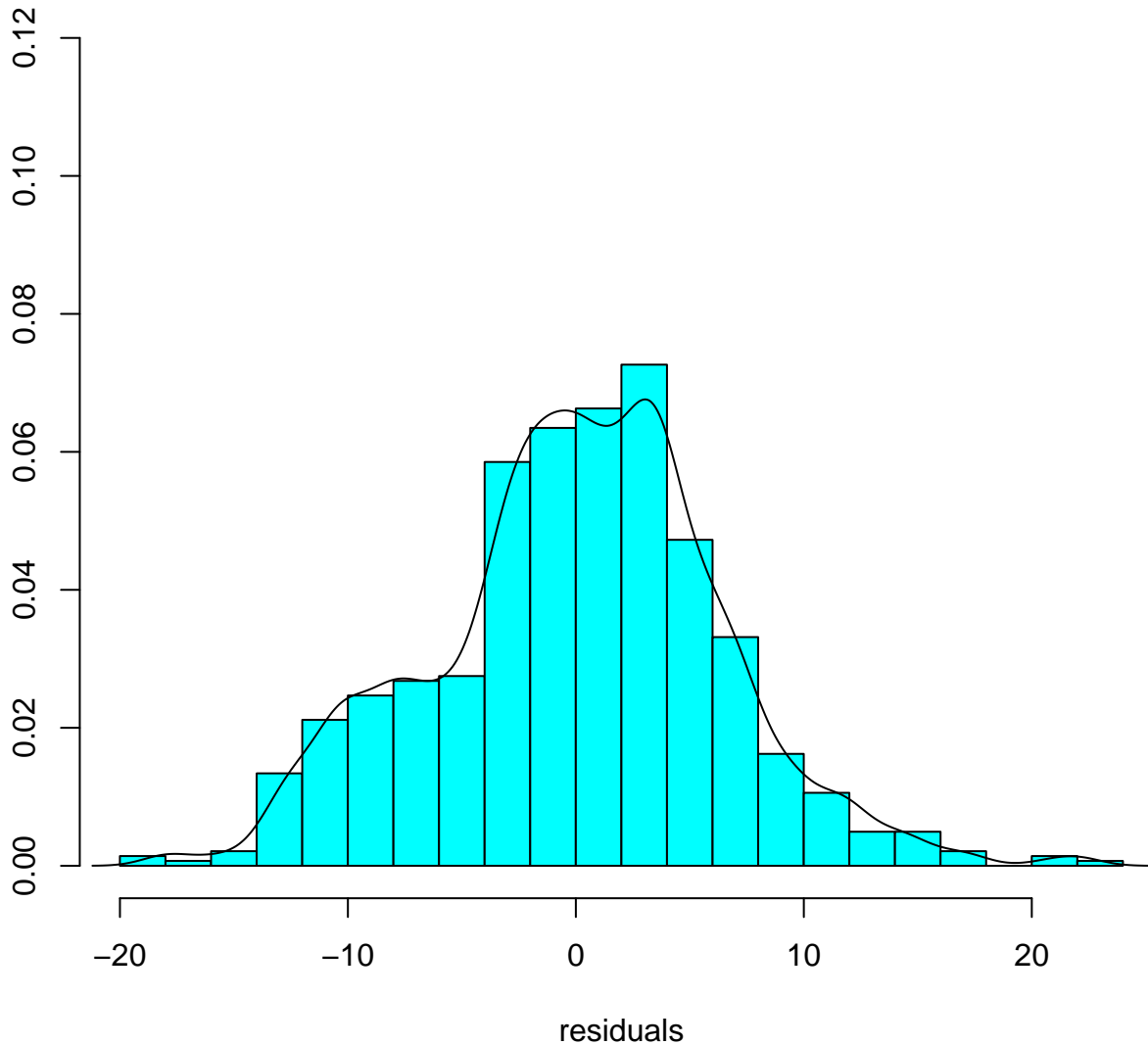
**Transformed data for vita in zambia\_wom**  
**women ; age 18–67    lambda = 0.282**



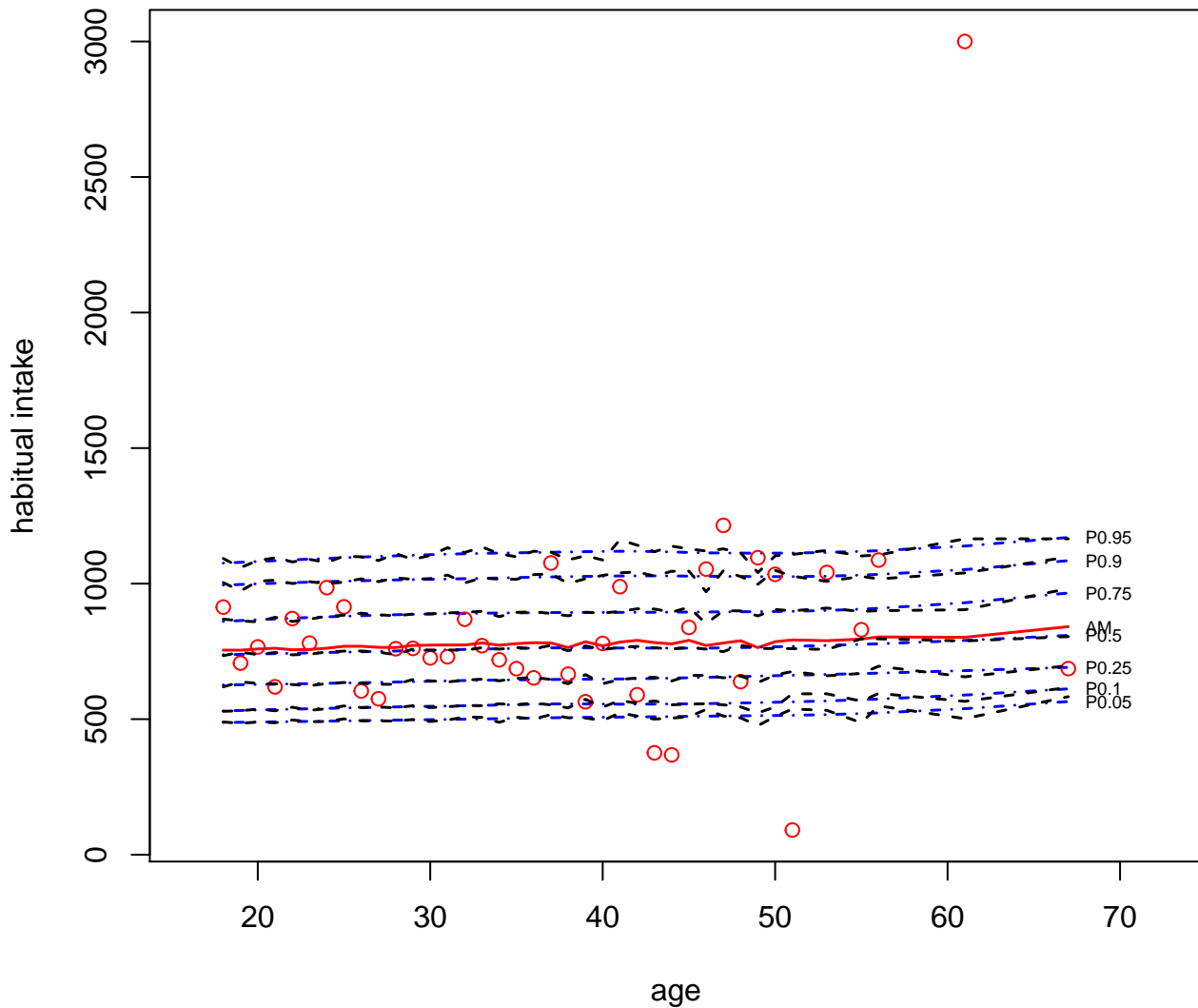
QQ-normal: residuals of model  
intake.trans ~ fp(age)  
women ; age 18-67 for vita in zambia\_wom



**Histogram: residuals of model**  
**intake.trans ~ fp(age)**  
**women ; age 18–67 for vita in zambia\_wom**



Habitual amount distribution for vita in zambia\_wom  
women ; age 18-67  
per person 100 simulated pseudo persons





Habitual intake distribution for vita in zambia\_wom  
women ; age 18-67  
100 pseudo persons per person are simulated

