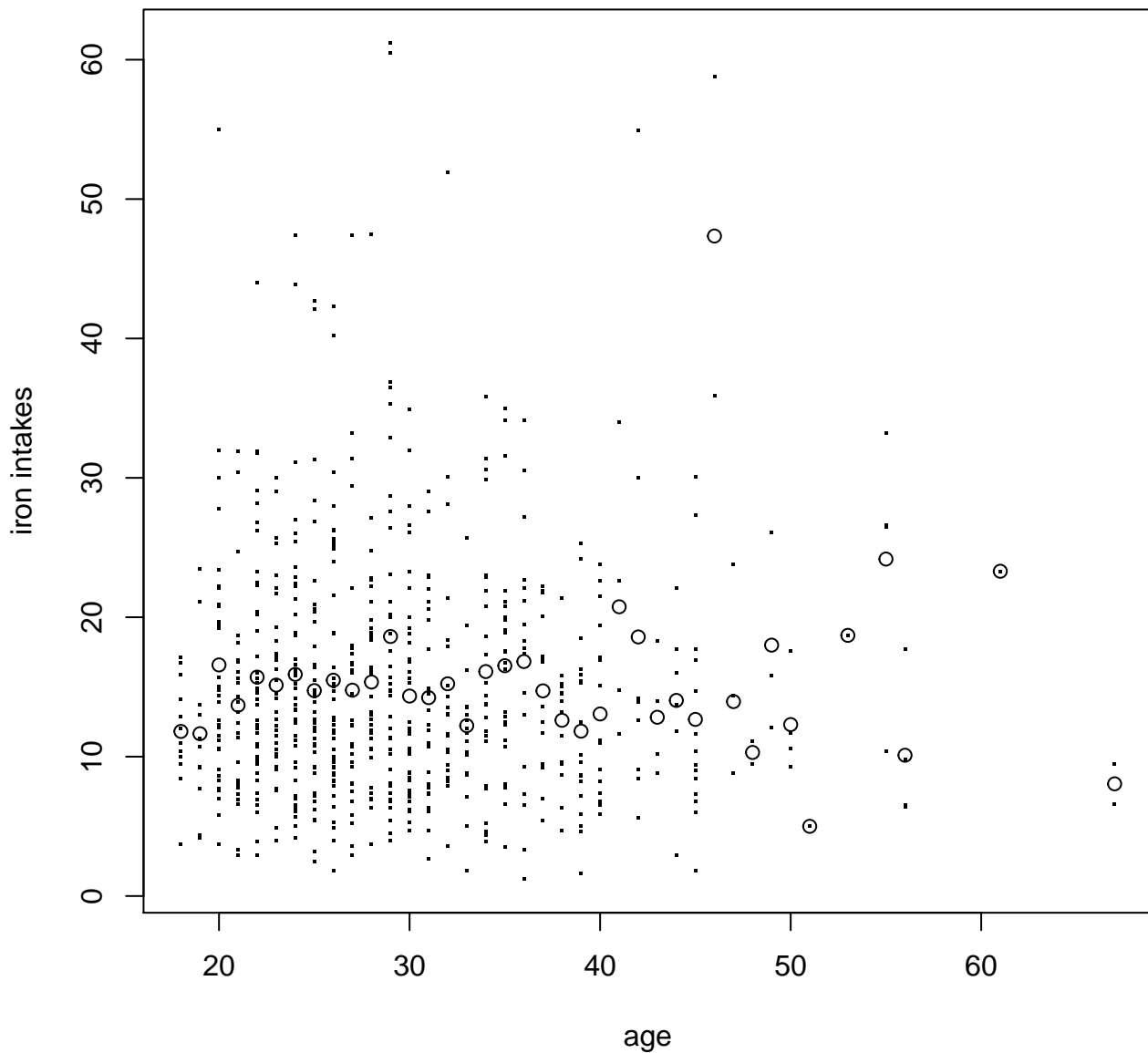
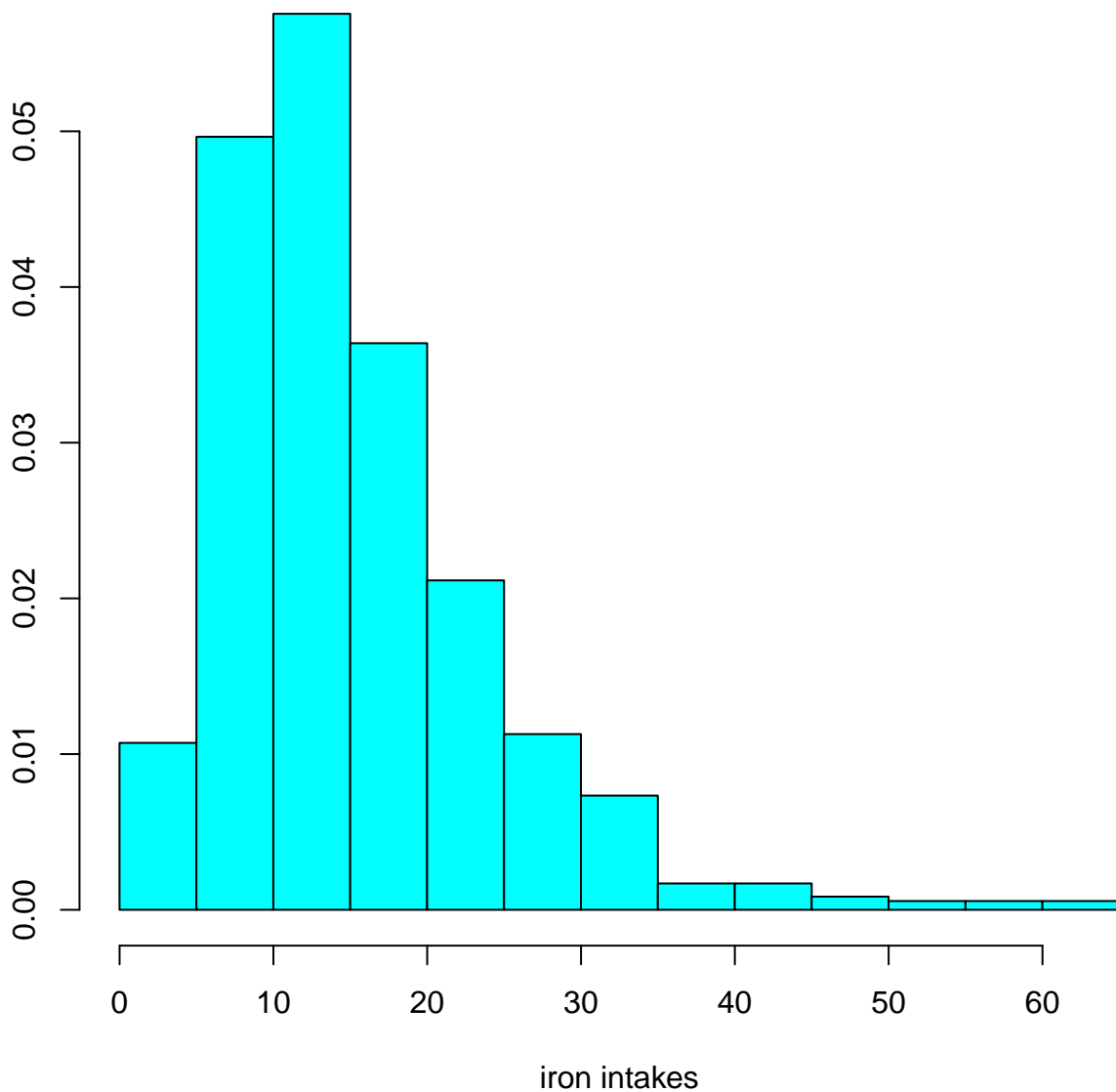


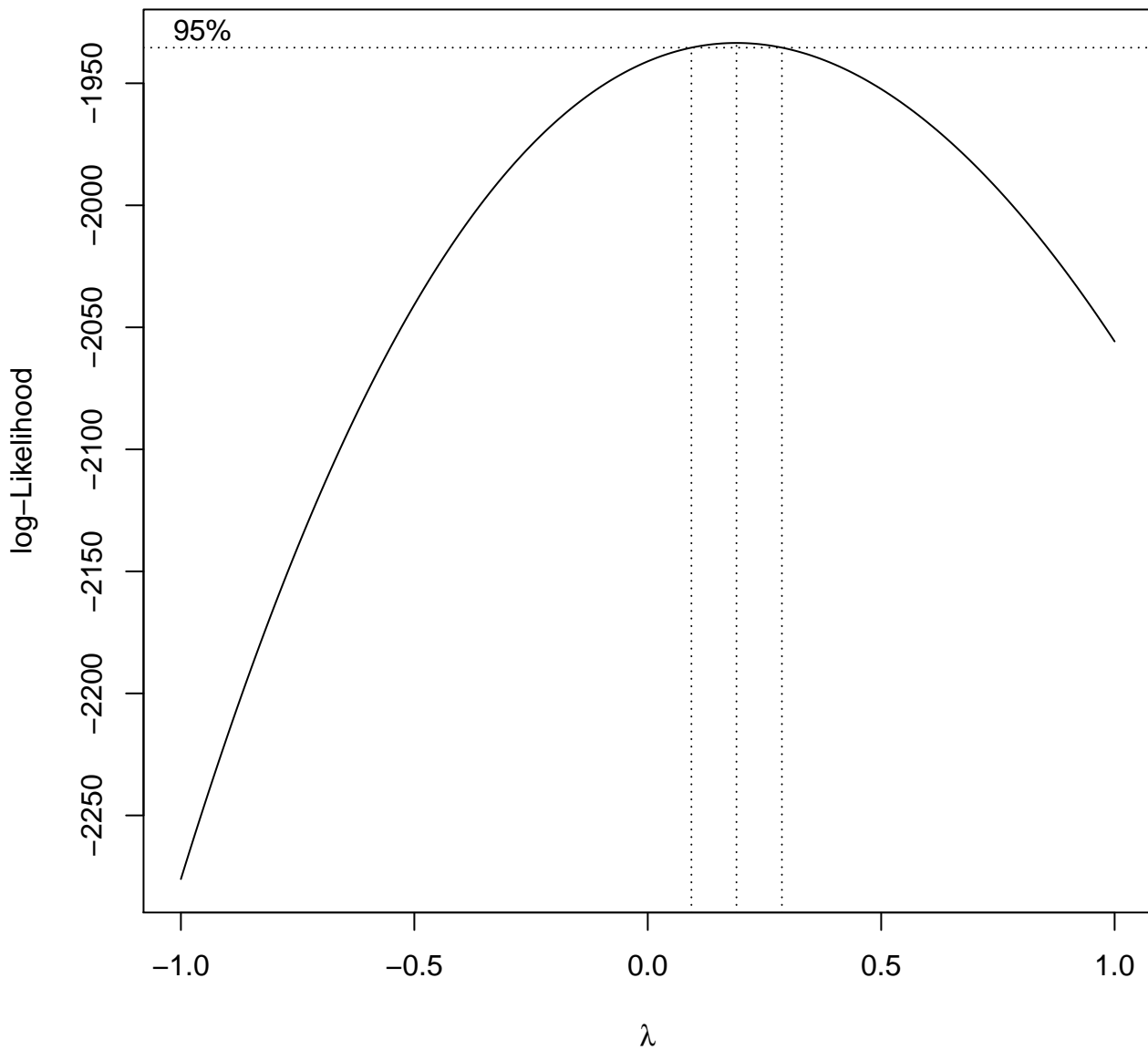
Original data for iron in zambia_wom
women ; age 18-67



**Original data for iron in zambia_wom
women ; age 18-67**

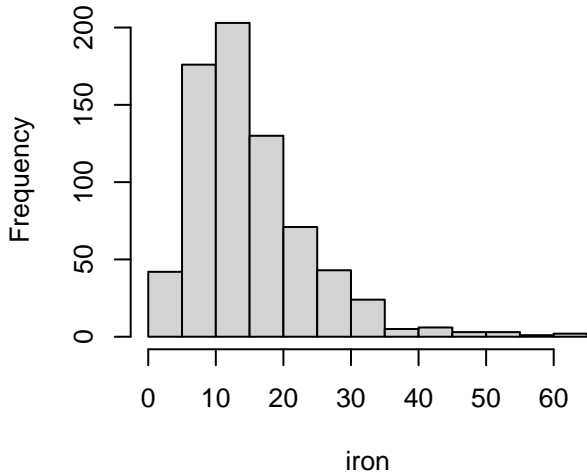


Box-Cox plot for original data for iron in zambia_wom
women ; age 18-67
 $\lambda = 0.19$ (0.1,0.28)

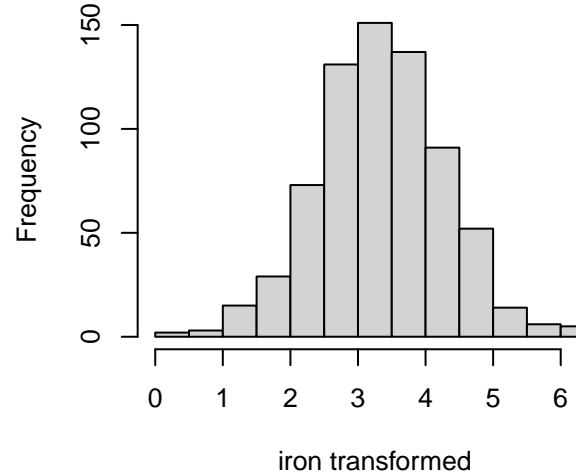


Diagnostic plots for iron in zambia_wom
women ; age 18–67

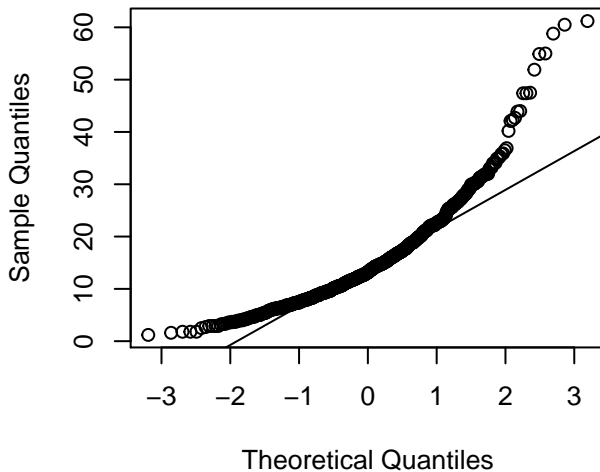
**Intakes before
Box–Cox trans.**



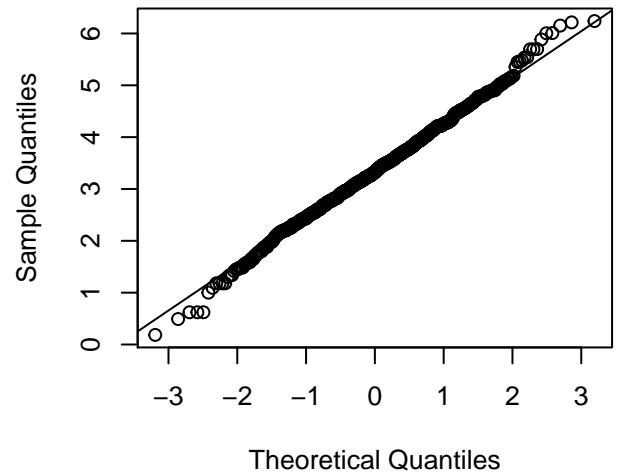
**Intakes after
Box–Cox trans.**



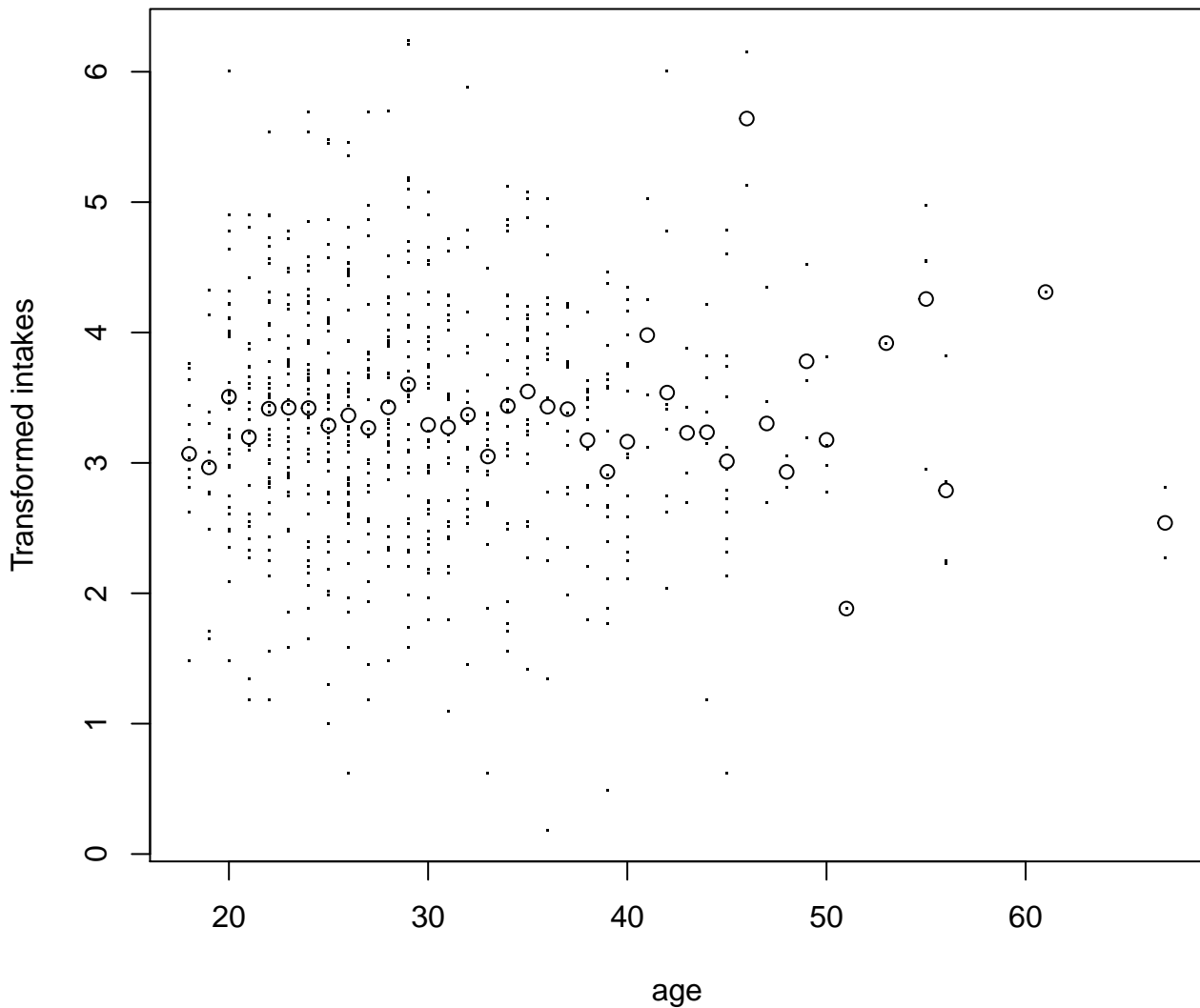
**Normal Q–Q plot
Original intakes**



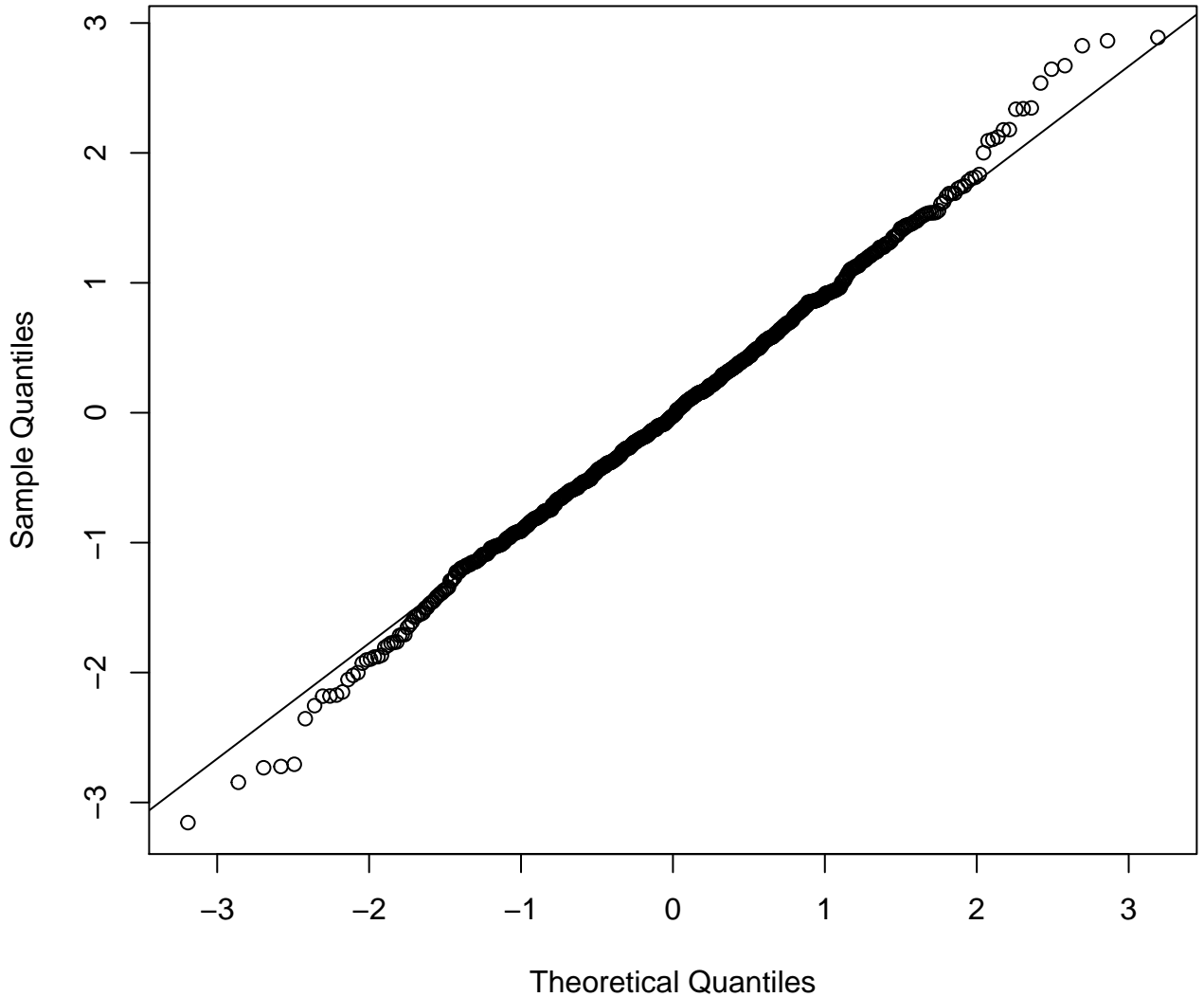
**BoxCox transformed intakes
lambda = 0.19**



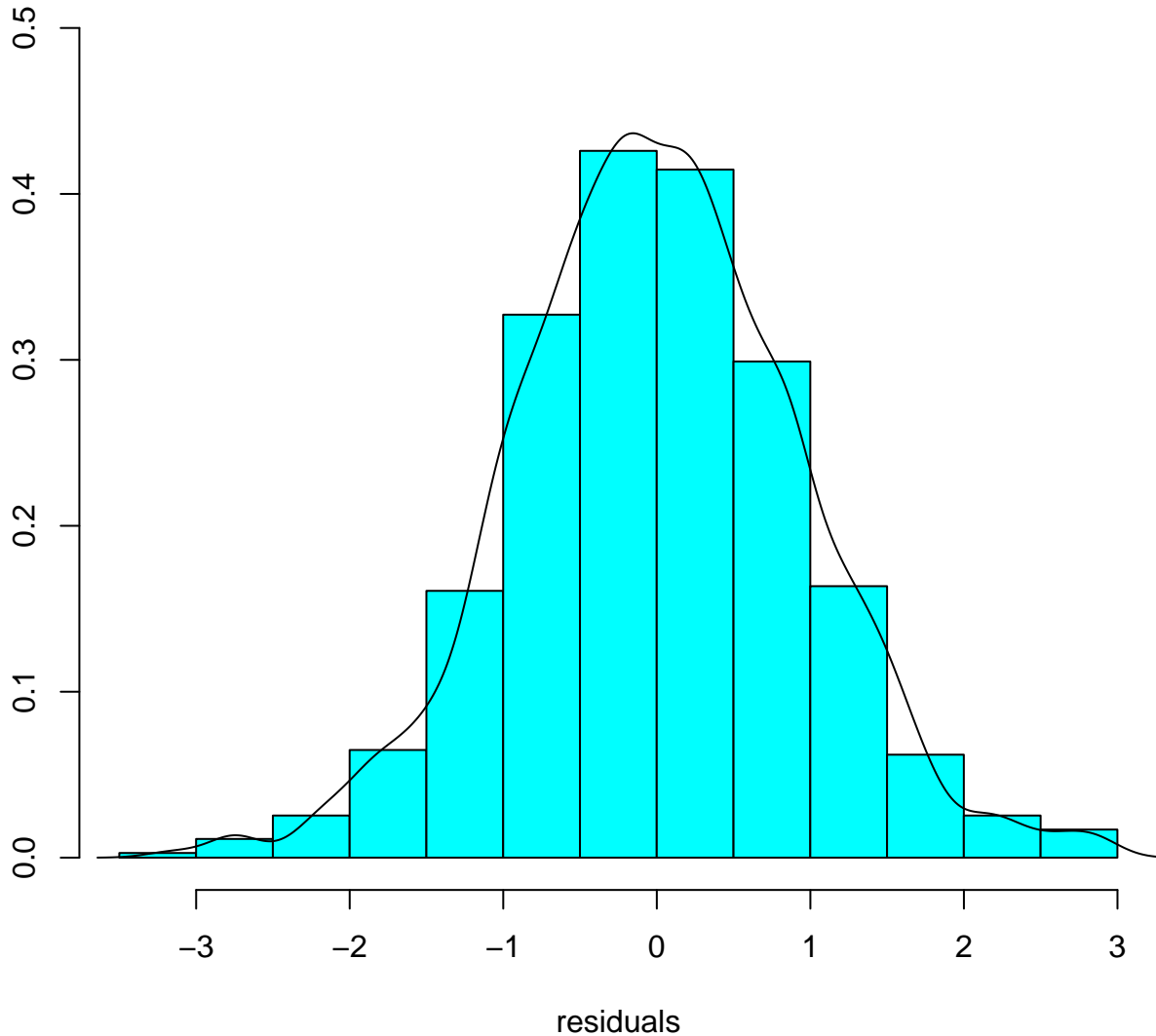
Transformed data for iron in zambia_wom
women ; age 18-67 lambda = 0.19



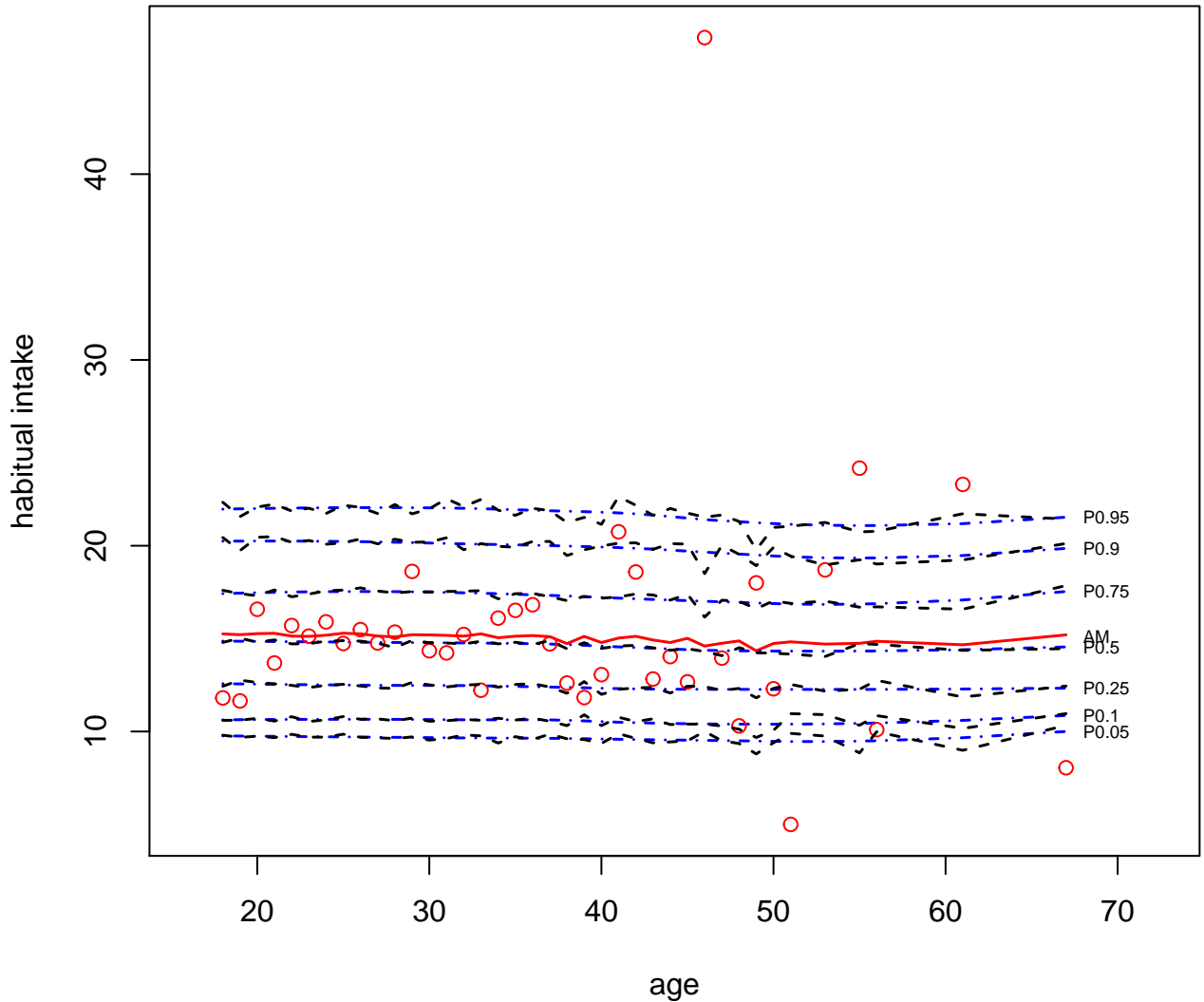
QQ-normal: residuals of model
intake.trans ~ fp(age)
women ; age 18-67 for iron in zambia_wom



Histogram: residuals of model
intake.trans ~ fp(age)
women ; age 18–67 for iron in zambia_wom



Habitual amount distribution for iron in zambia_wom
women ; age 18-67
per person 100 simulated pseudo persons



Habitual intake distribution for iron in zambia_wom
 women ; age 18-67
 100 pseudo persons per person are simulated

