Original data for calc in zambia_wom
women ; age 18−67

calc intakes

age

Original data for calc in zambia_wom women ; age 18–67
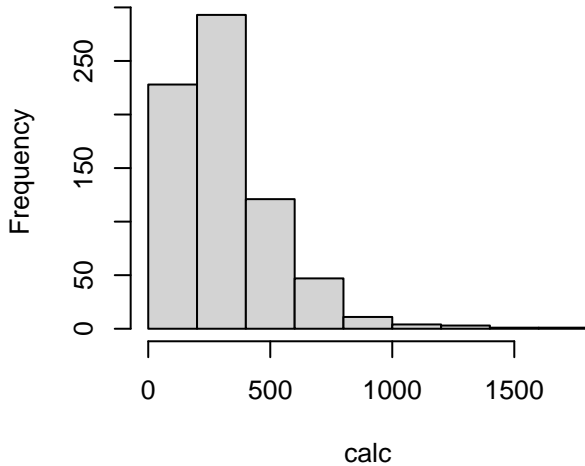
calc intakes

Box−Cox plot for original data for calc in zambia_wom
women ; age 18−67
lambda = 0.276 (0.2,0.35)
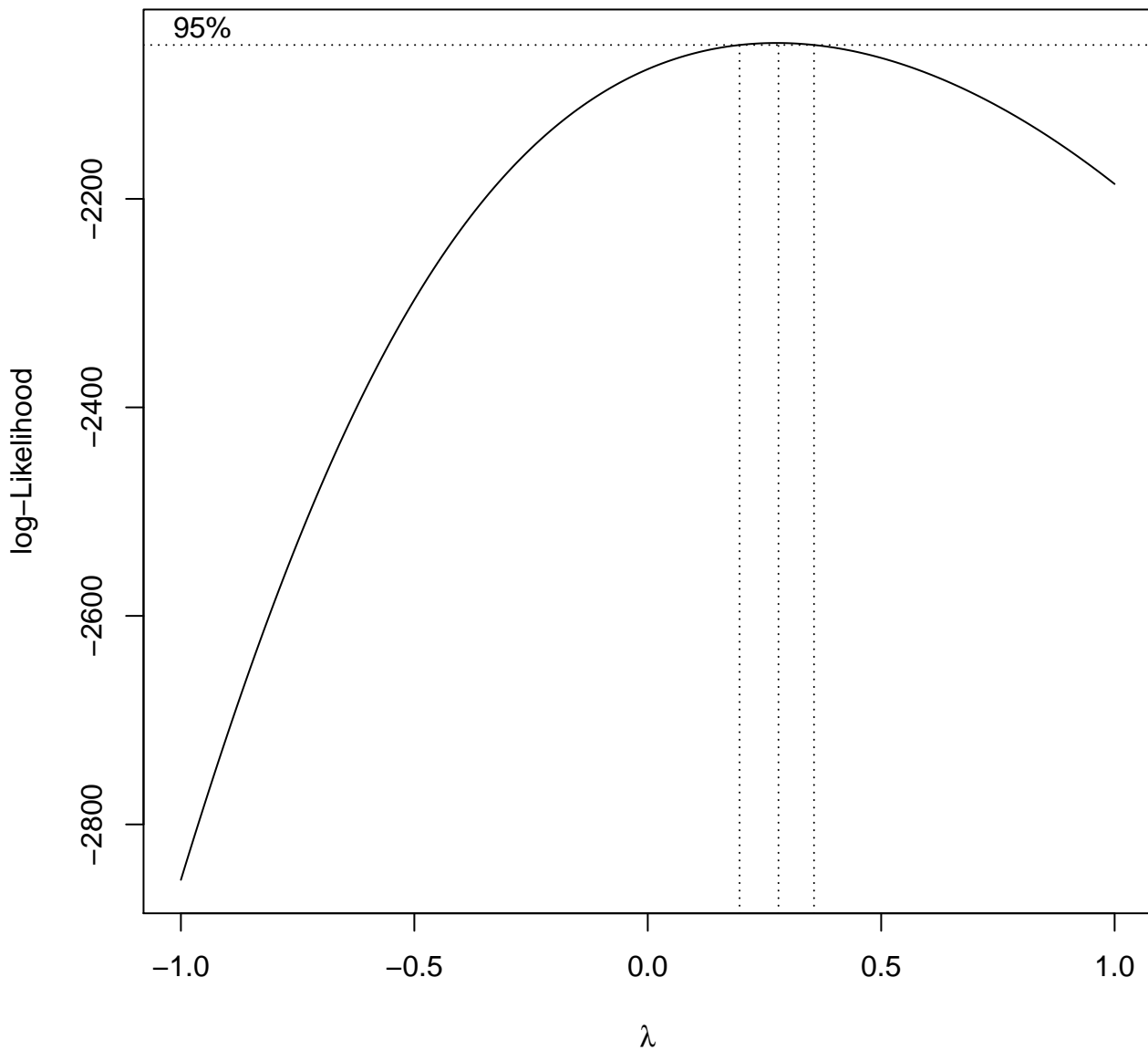
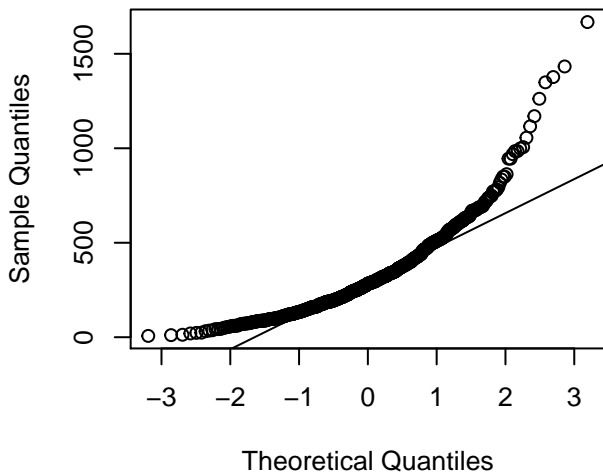# Diagnostic plots for calc in zambia_wom
women ; age 18−67

Intakes before
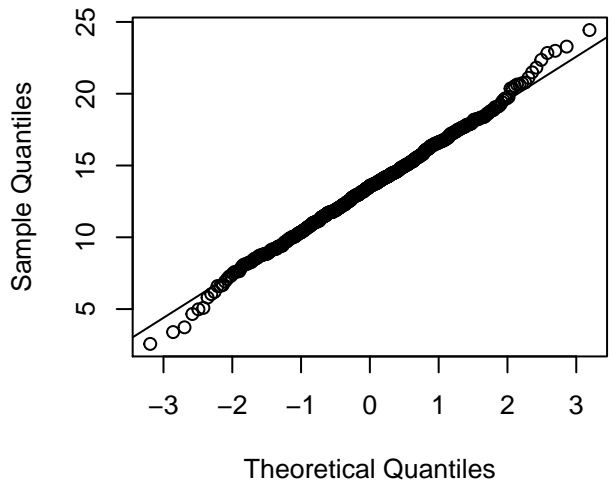### Box−Cox trans.
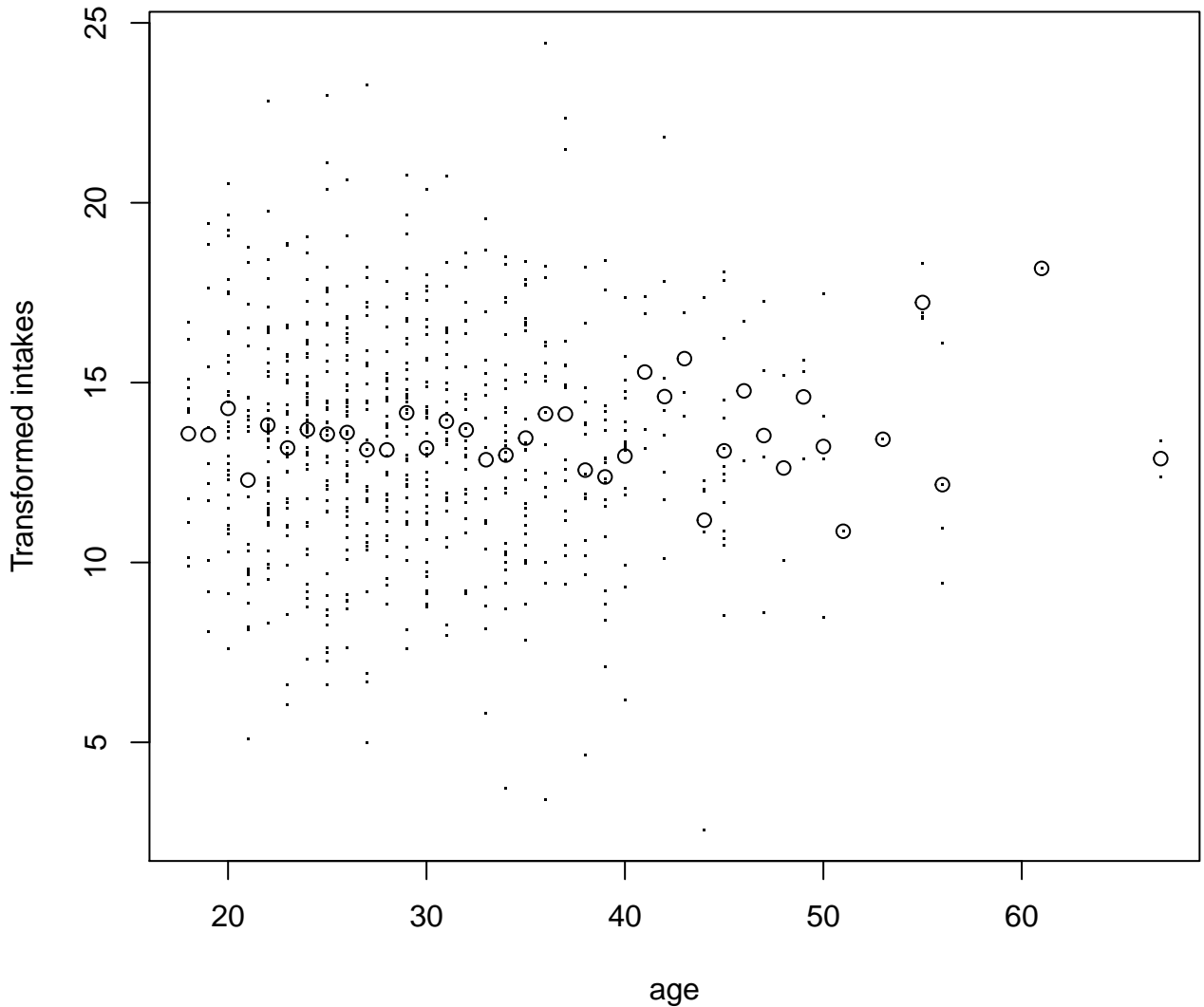
Intakes after
Box−Cox trans.
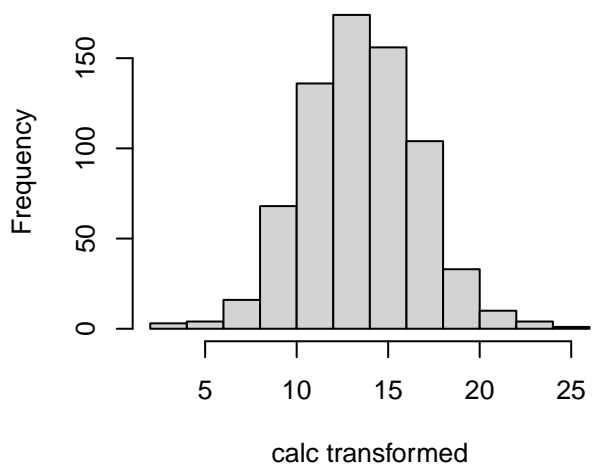
Normal Q−Q plot
Original intakes
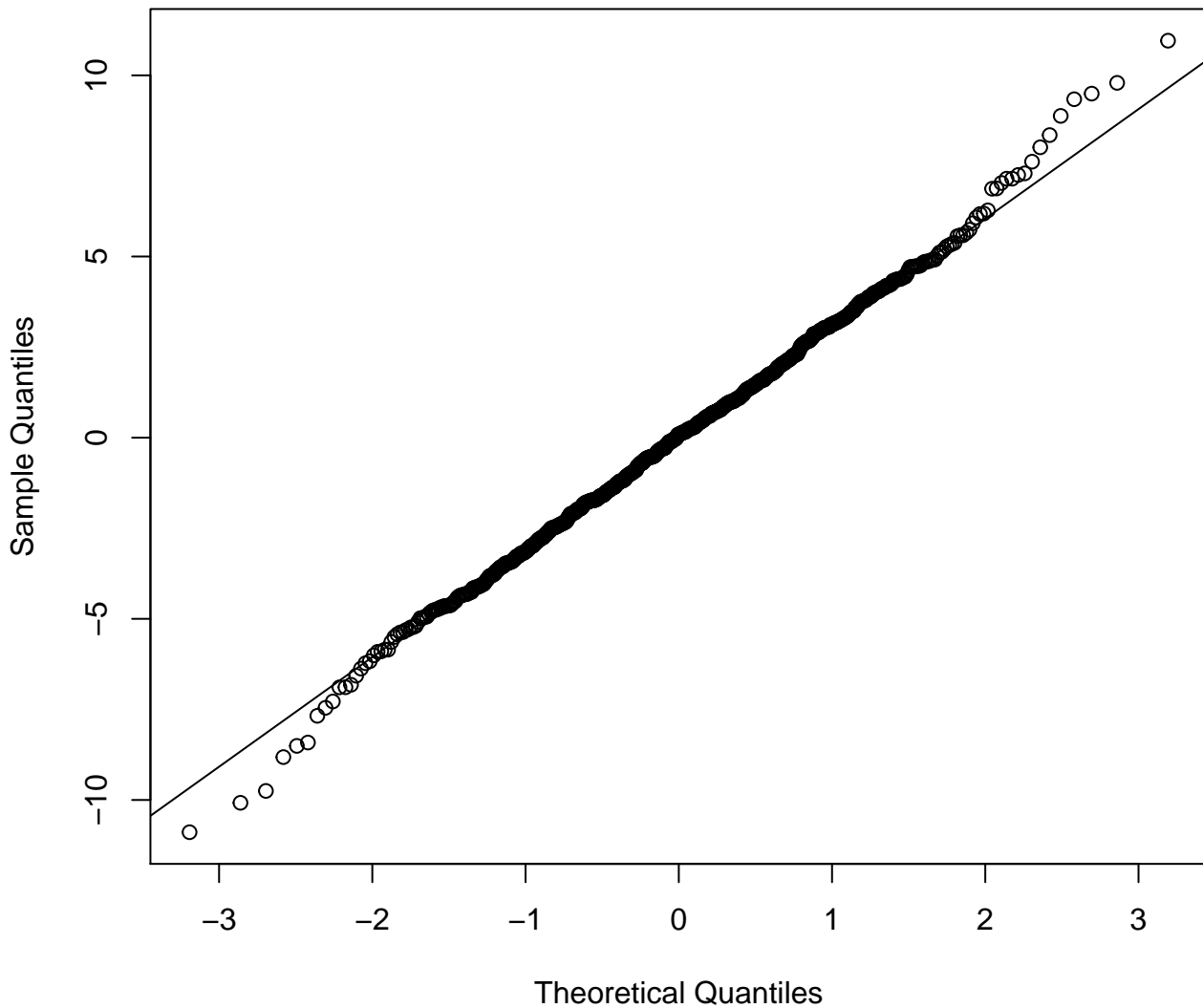
BoxCox transformed intakes
lambda = 0.276

Transformed data for calc in zambia_wom
women ; age 18–67   lambda = 0.276

age

Transformed intakes

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

Sample Quantiles

Theoretical Quantiles

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

residuals
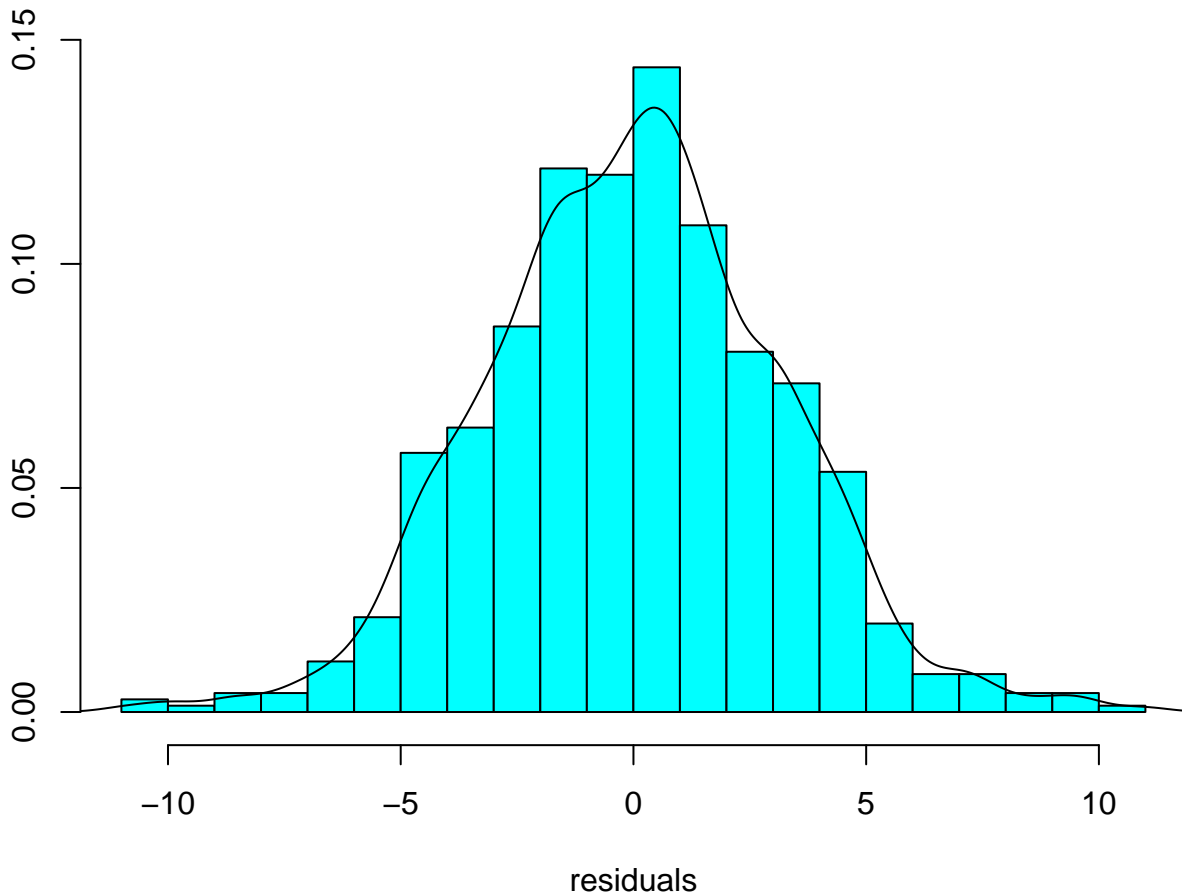
Habitual amount distribution for calc in zambia_wom
women ; age 18−67
per person 100 simulated pseudo persons
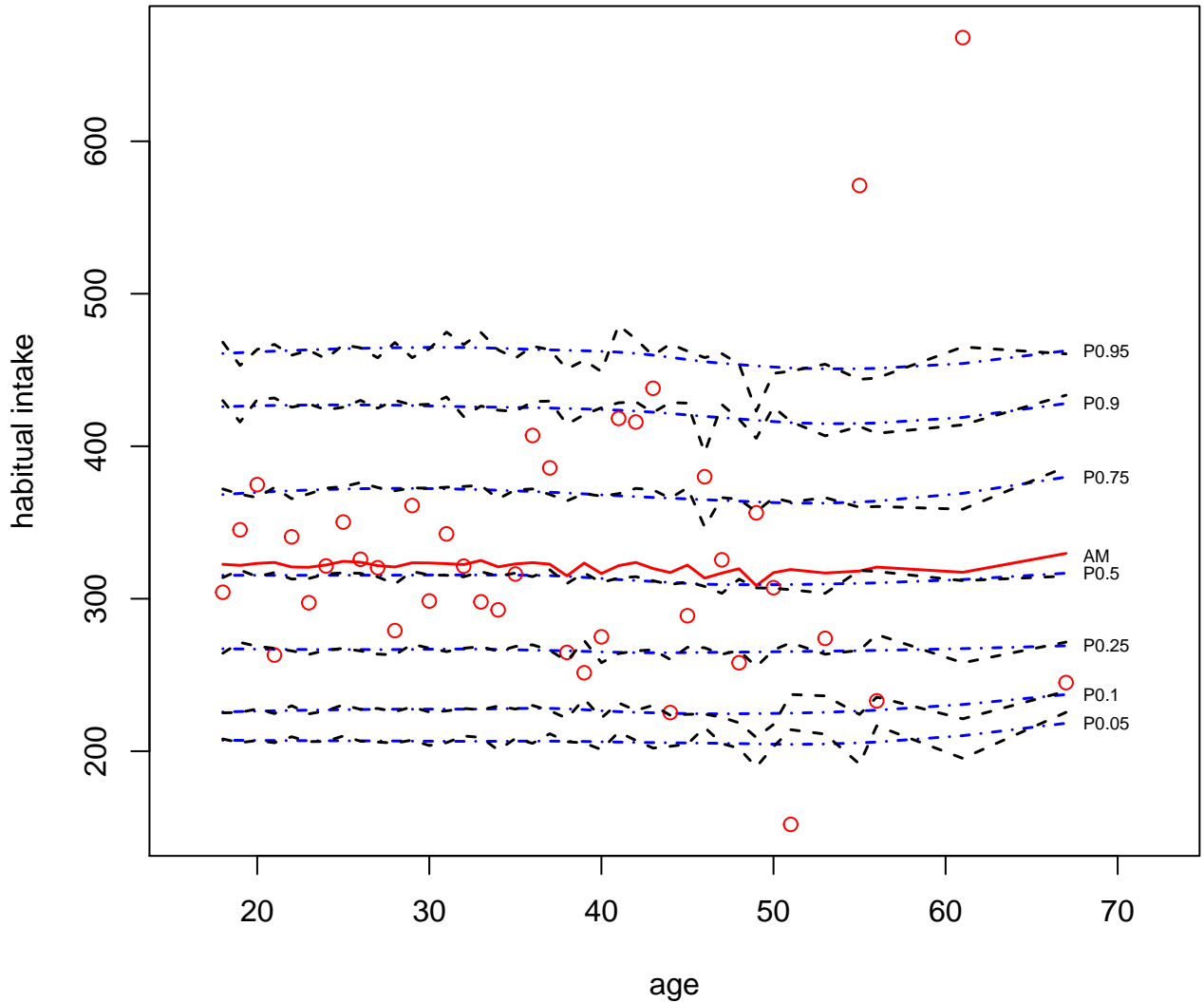
Habitual intake distribution for calc in zambia_wom
women ; age 18−67
100 pseudo persons per person are simulated

habitual intake

age

P95
P90
P75
AM
P50
P25
P10
P5