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

age

vita intakes

Original data for vita in zambia_wom
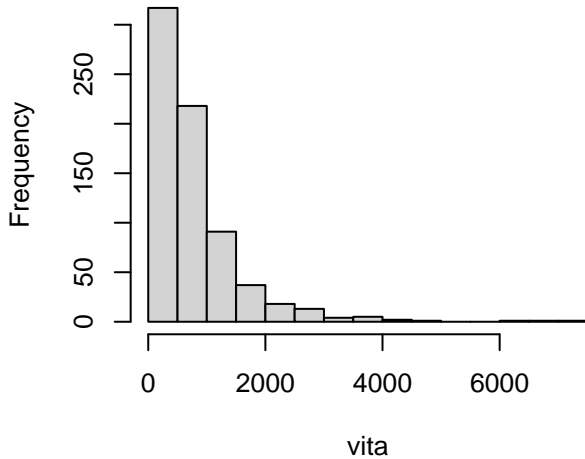**women ; age 18–67**

vita intakes

Box−Cox plot for original data for vita in zambia_wom
women ; age 18−67
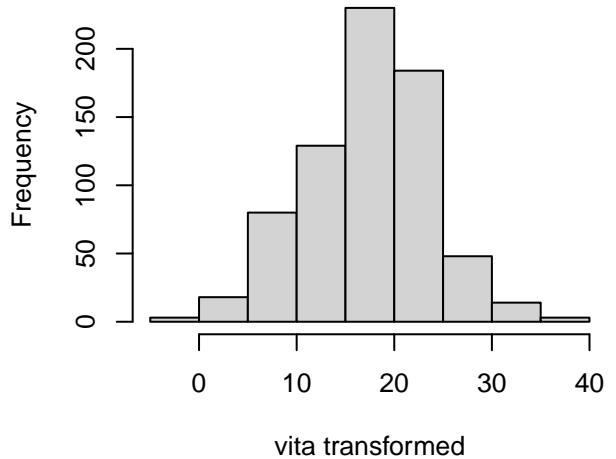**lambda = 0.282 (0.24,0.33)**
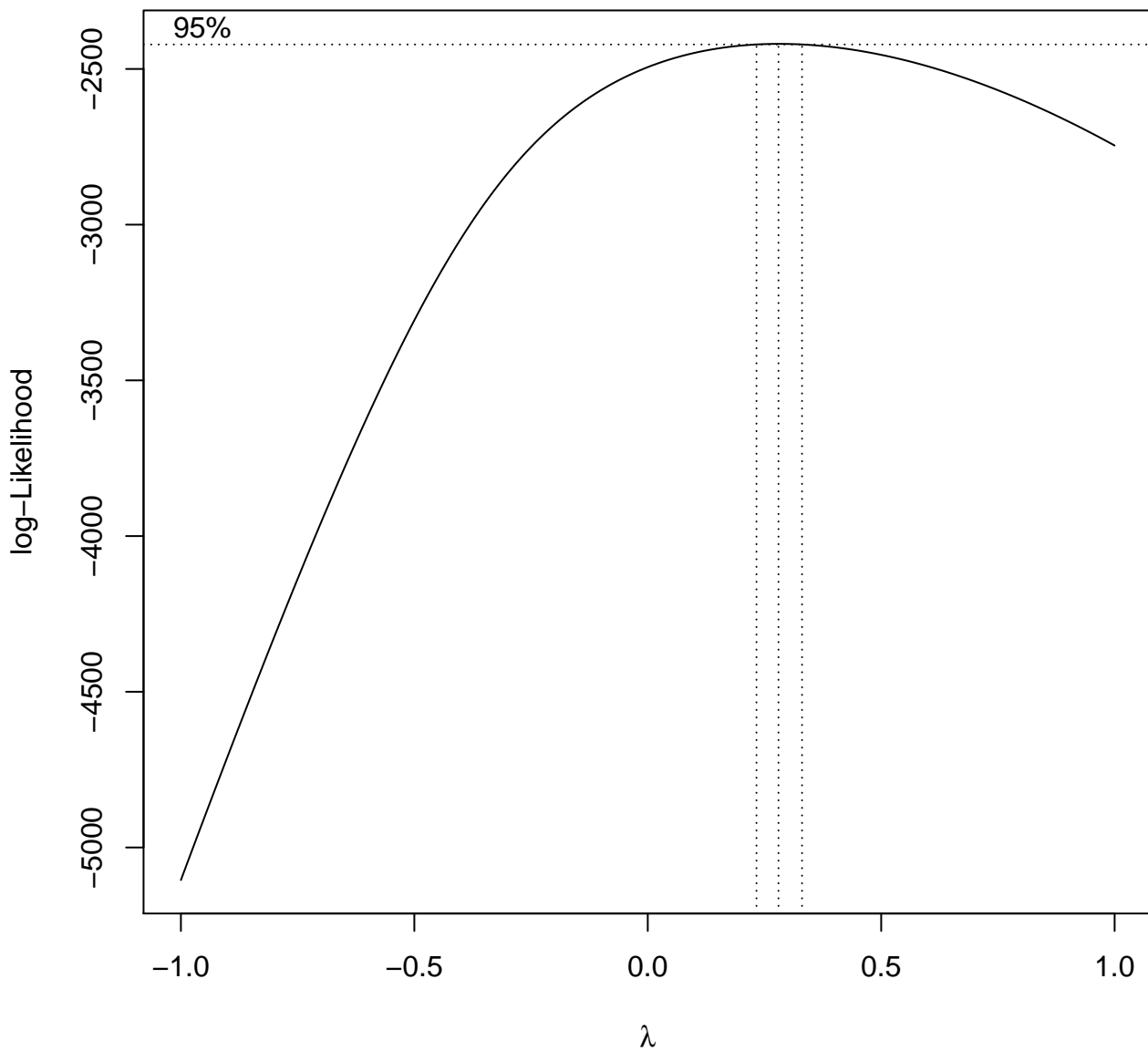
Diagnostic plots for vita in zambia_wom
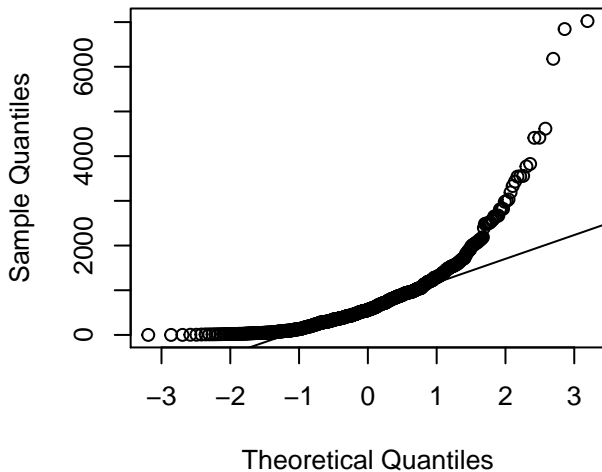## women ; age 18−67
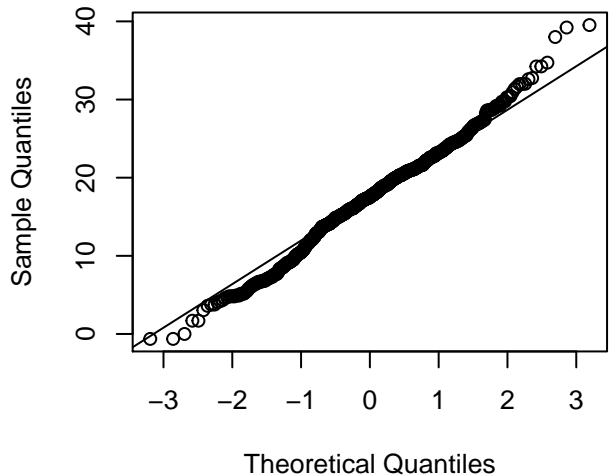
Intakes before Box−Cox trans.
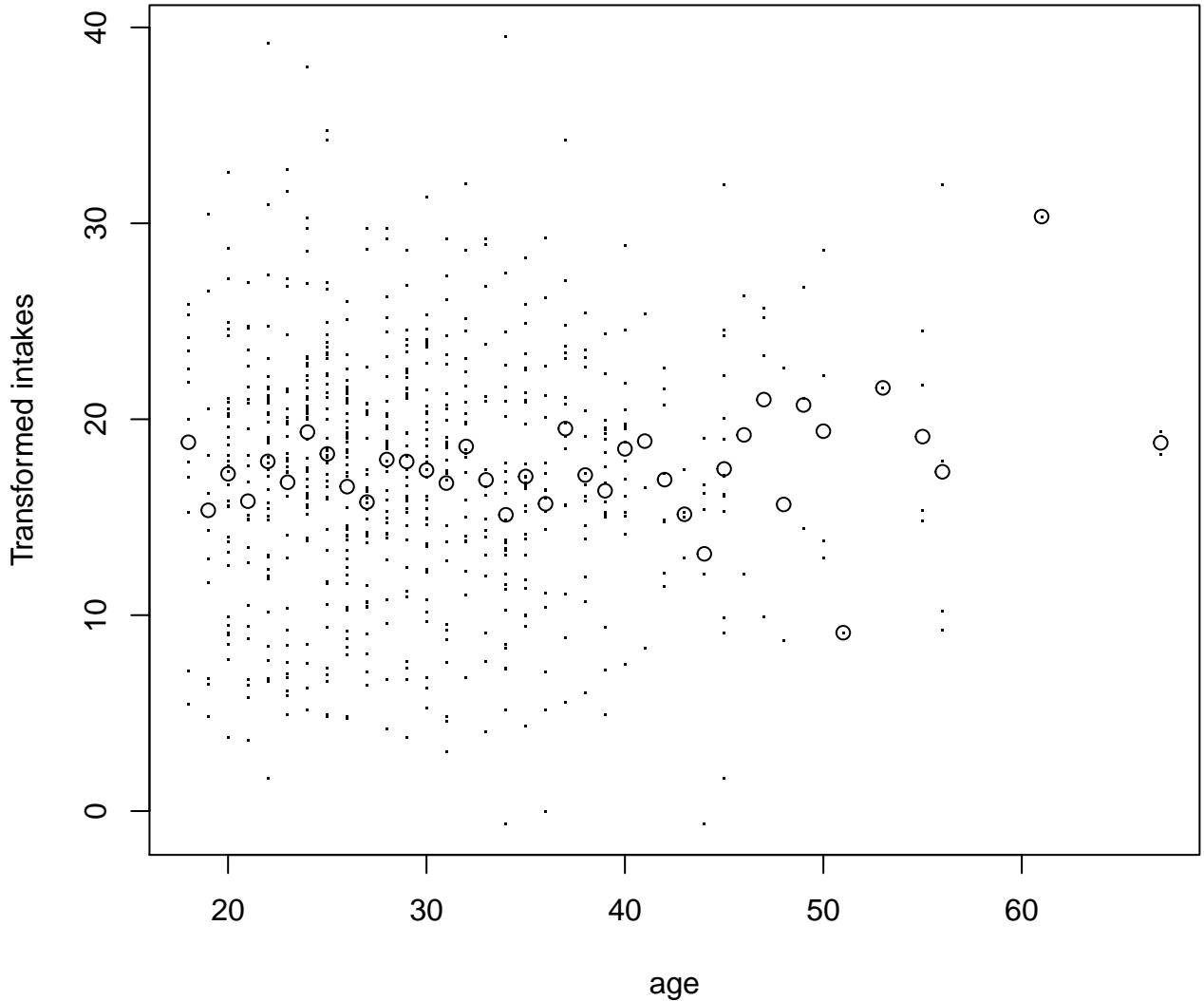
Intakes after Box−Cox trans.

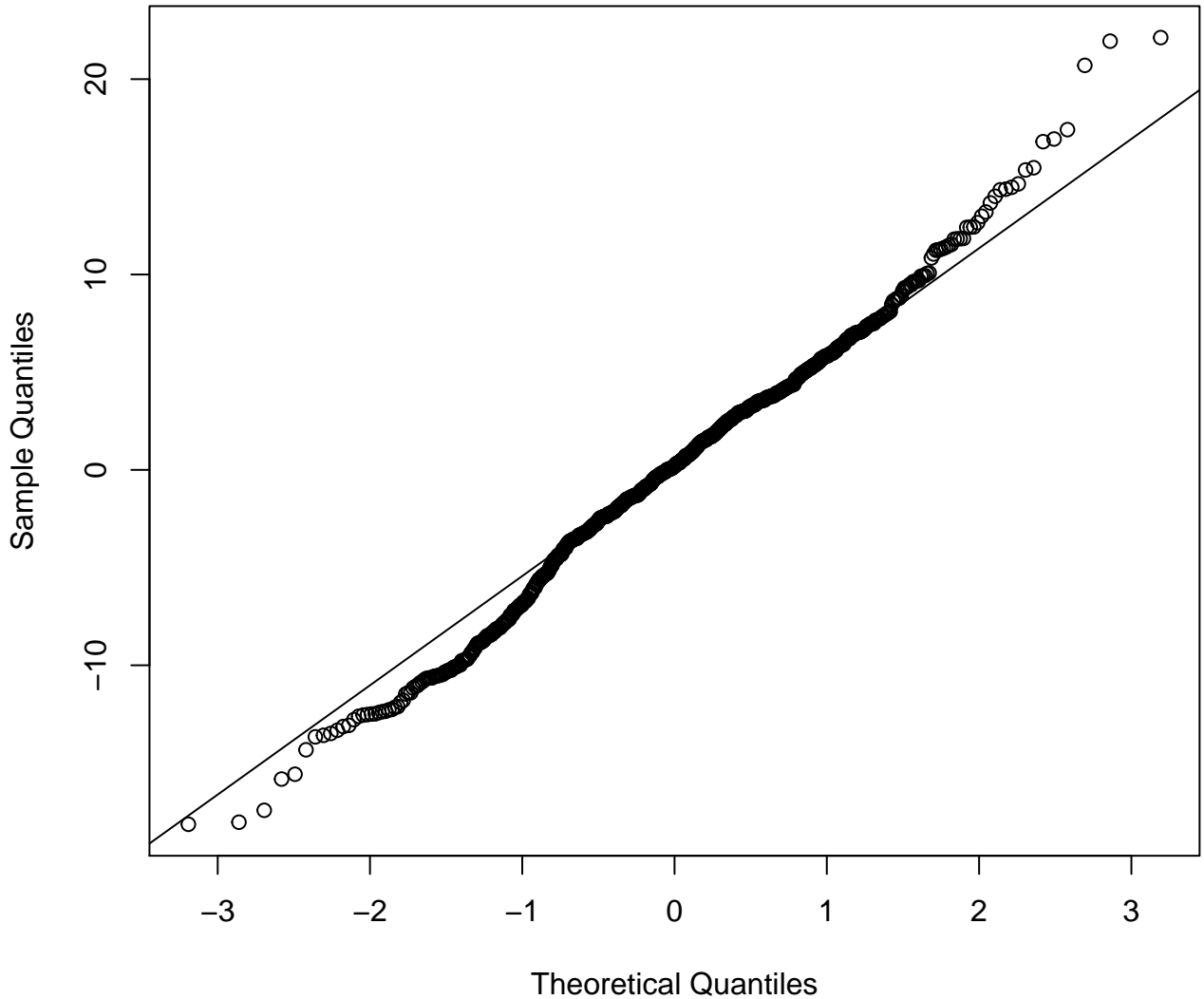**Normal Q−Q plot Original intakes**

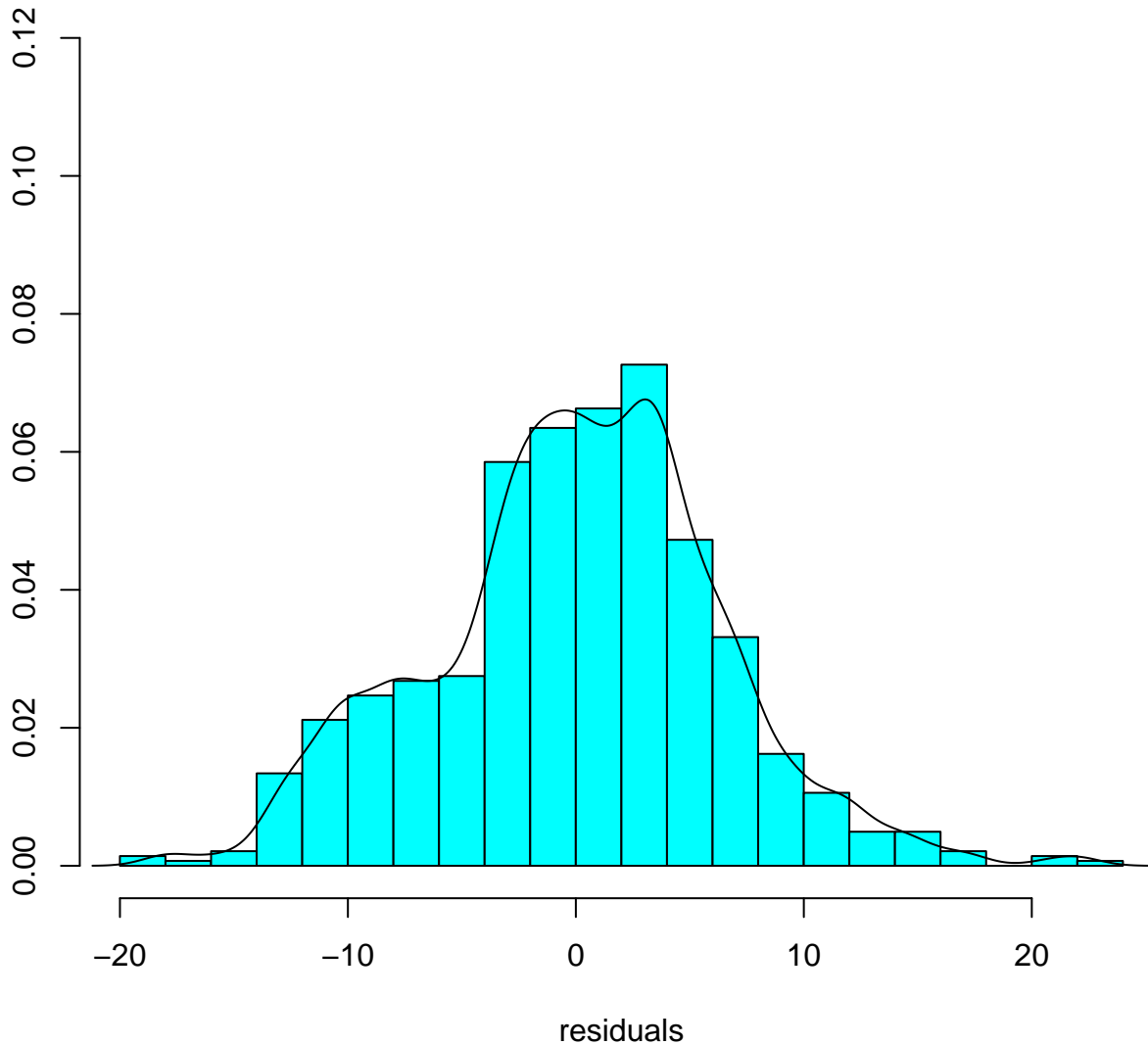**BoxCox transformed intakes lambda = 0.282**

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

Sample Quantiles

Theoretical Quantiles

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

residuals

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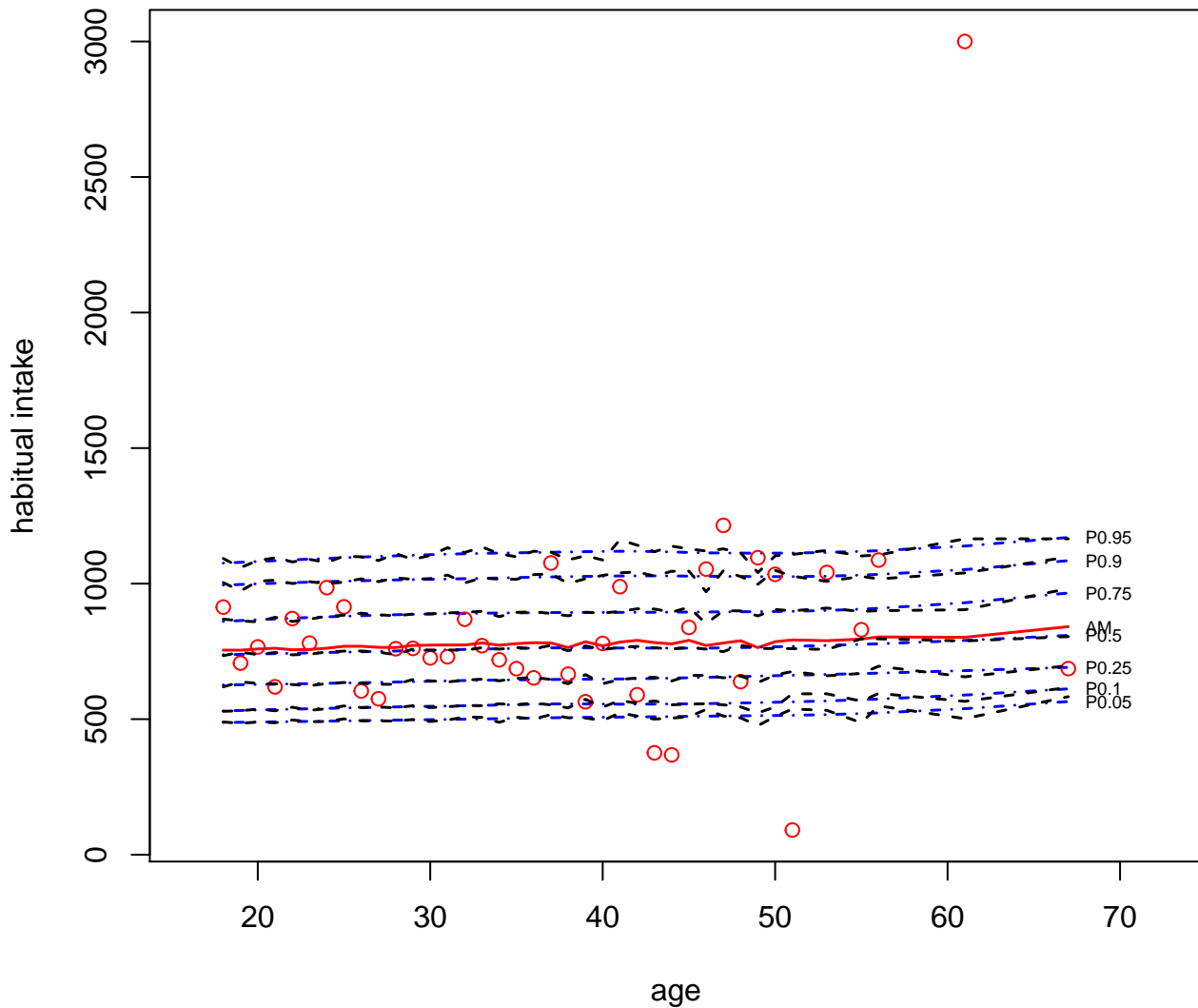
Habitual intake distribution for vita in zambia_wom
women ; age 18−67
100 pseudo persons per person are simulated

habitual intake

age

P95
P90
P75
AM
P50
P25
P10
P5