Original data for vitb6 in RC24_LT_c_or both ; age 6−12

vitb6 intakes

age

**Original data for vitb6 in RC24_LT_c_or
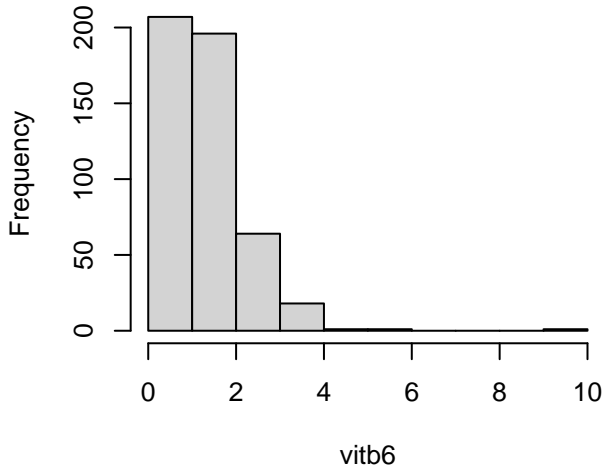both ; age 6−12**

vitb6 intakes

Box−Cox plot for original data for vitb6 in RC24_LT_c_or
both ; age 6−12
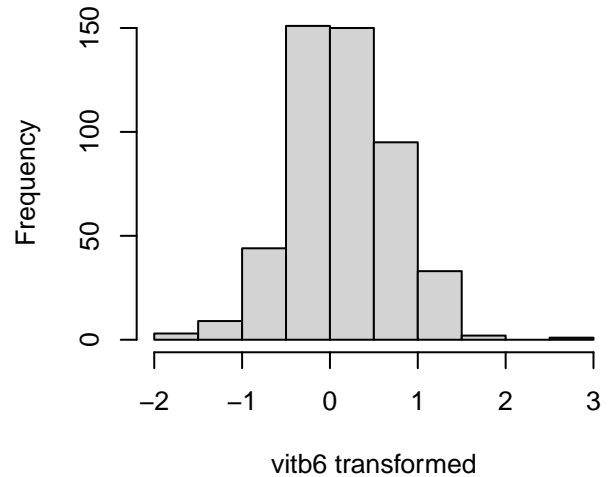**lambda = 0.098 (−0.01,0.21)**
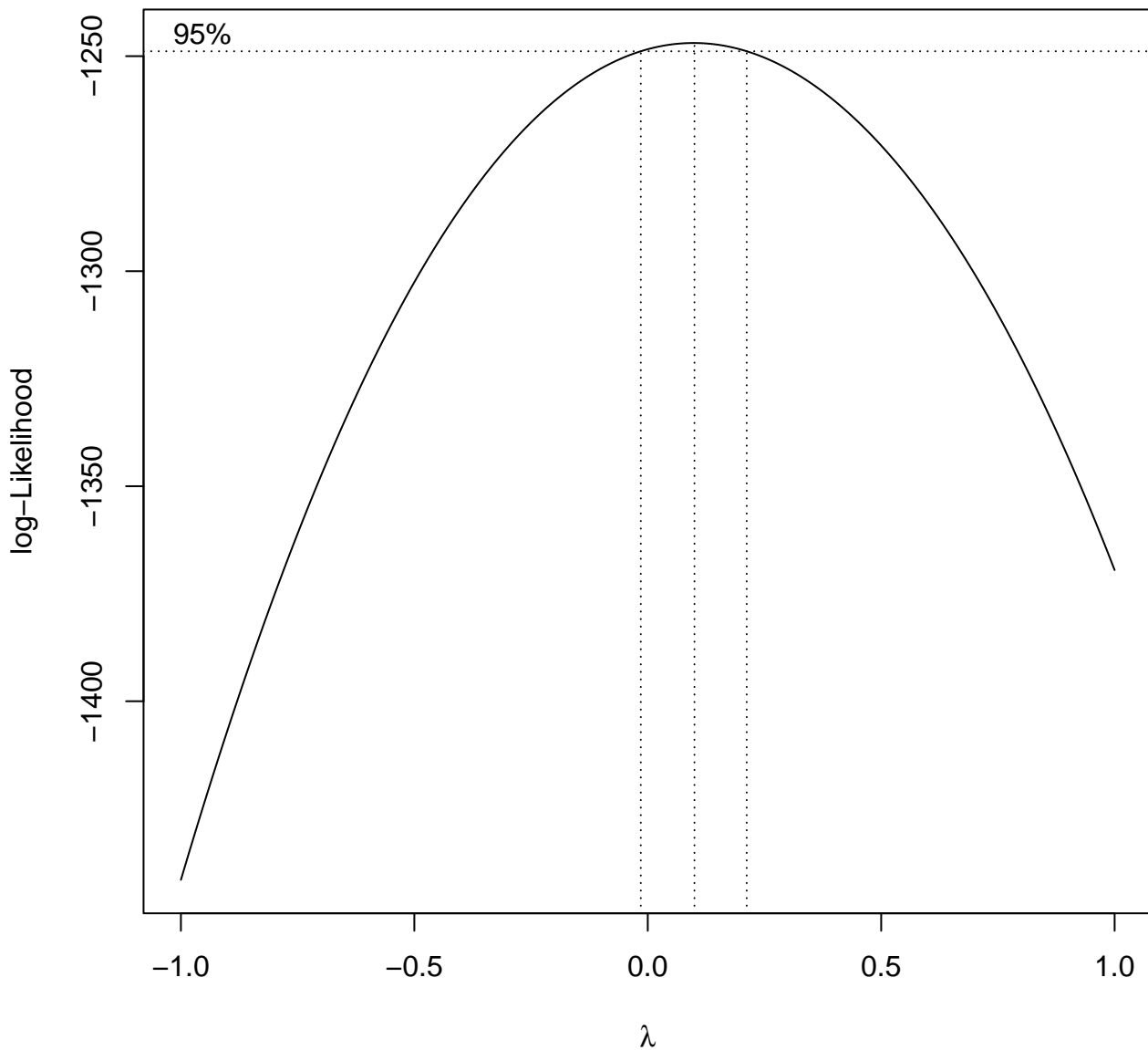
Diagnostic plots for vitb6 in RC24_LT_c_or
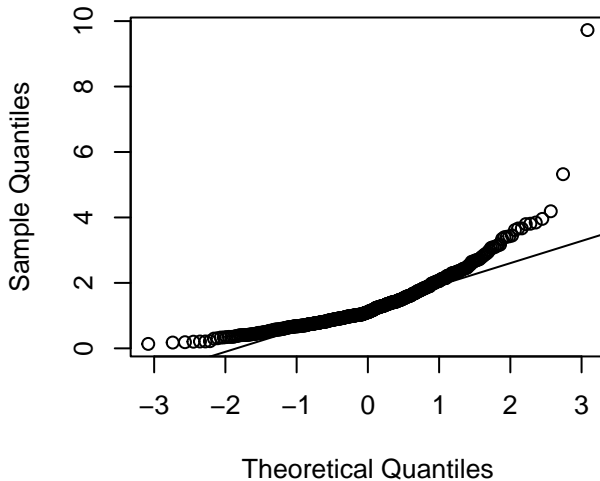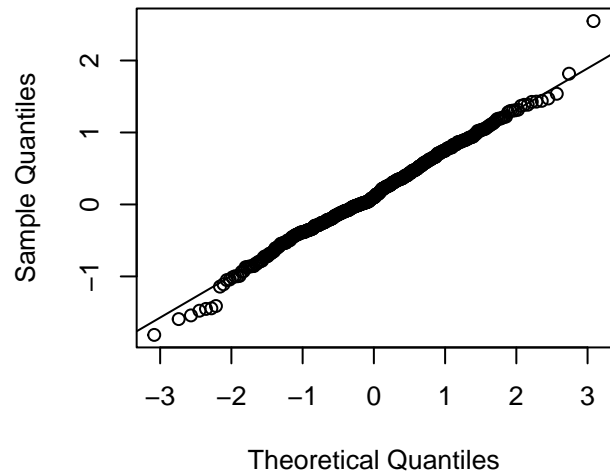## both ; age 6−12

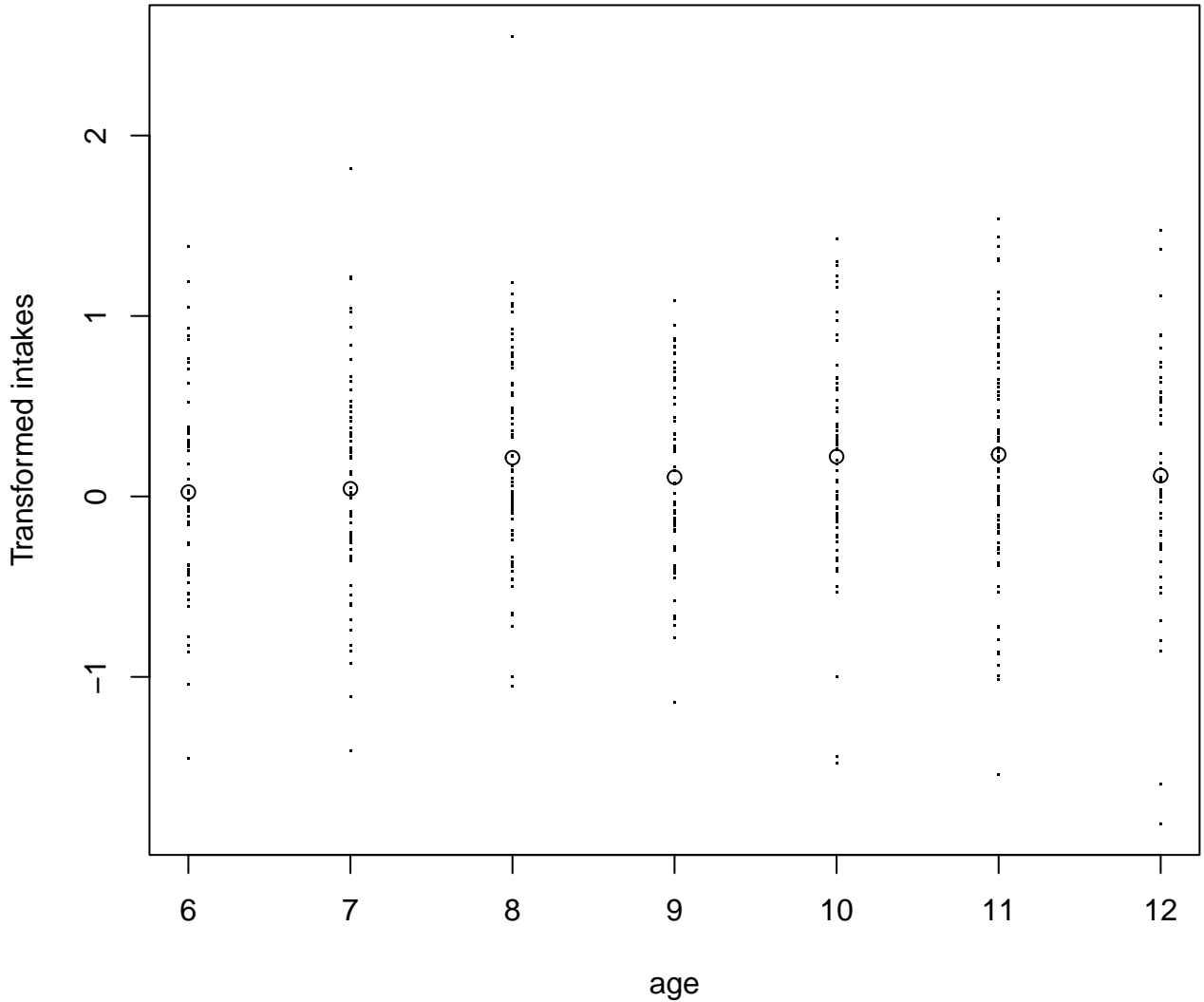**Intakes before Box−Cox trans.**

Intakes after Box−Cox trans.

Normal Q−Q plot Original intakes
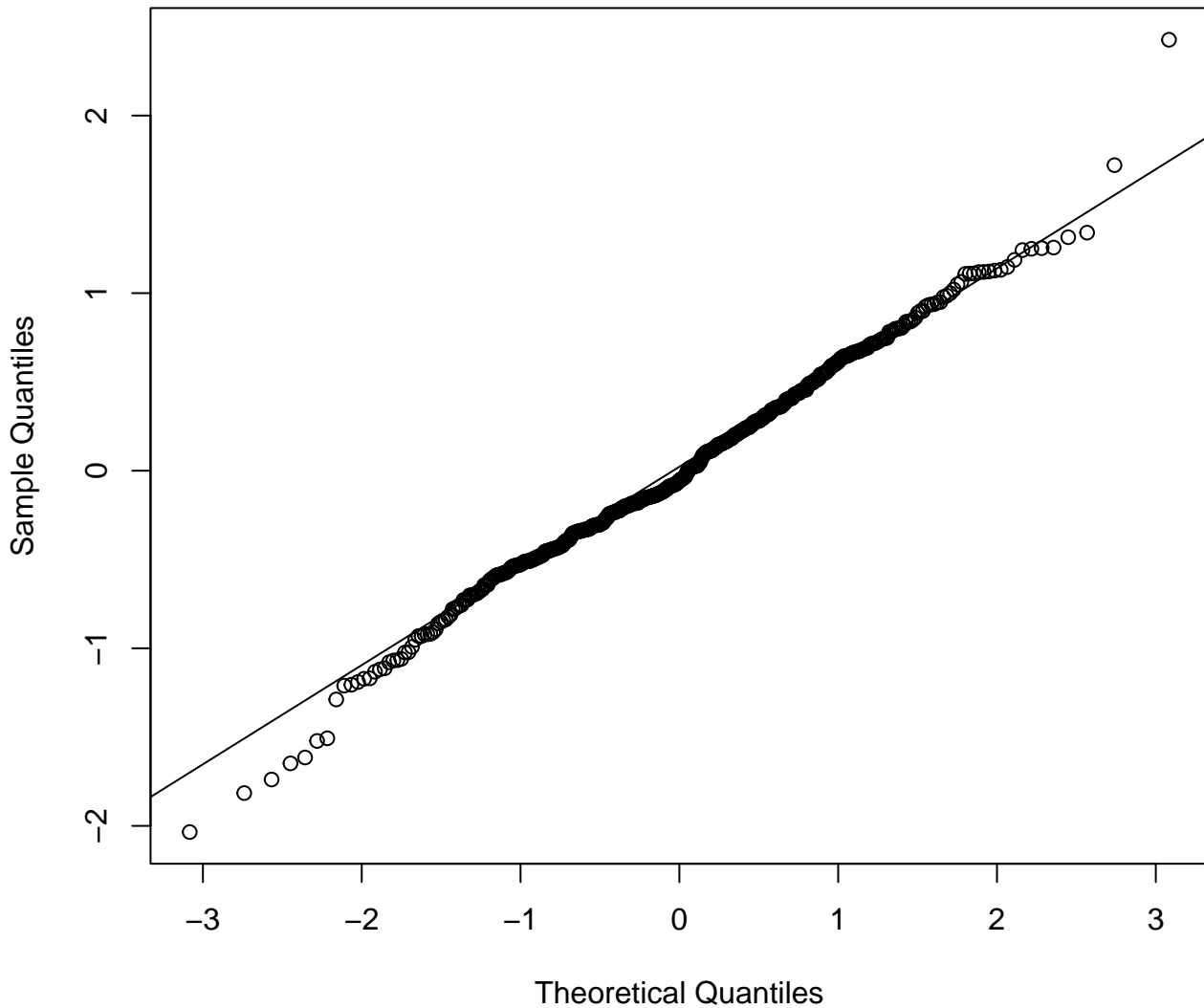
BoxCox transformed intakes lambda = 0.098

**Transformed data for vitb6 in RC24_LT_c_or
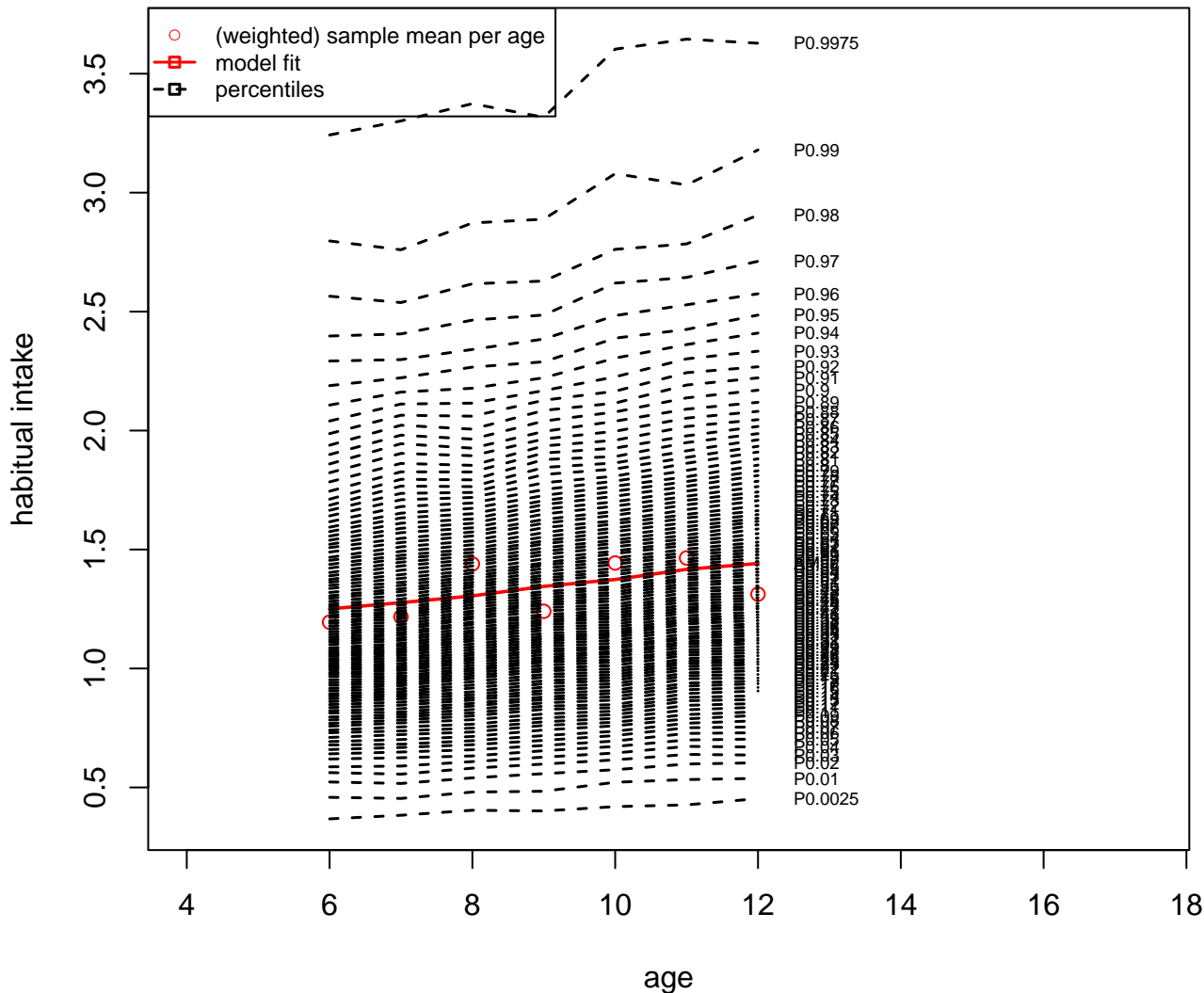both ; age 6−12   lambda = 0.098**

QQ−normal: residuals of model
intake.trans ~ fp(age)
both ; age 6−12   for   vitb6 in RC24_LT_c_or

Histogram: residuals of model
intake.trans ~ fp(age)
both ; age 6−12   for   vitb6   in   RC24_LT_c_or

residuals
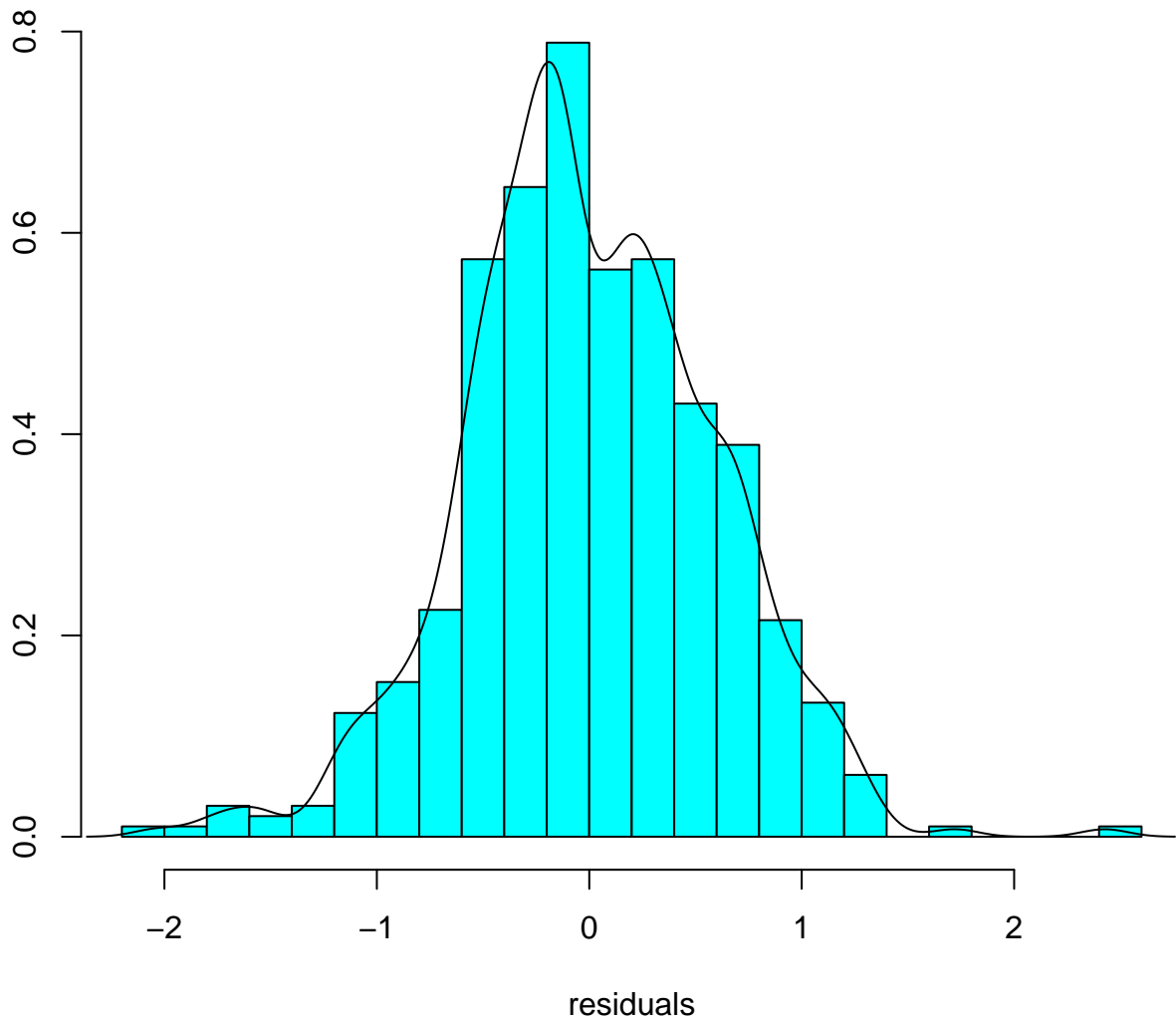
Habitual intake distribution for vitb6 in RC24_LT_c_or
both ; age 6−12
per person 100 simulated pseudo persons

Habitual intake distribution for vitb6 in RC24_LT_c_or
both ; age 6–12
100 pseudo persons per person are simulated

Legend:
- ○ (weighted) sample mean per age
- model fit
- percentiles

Axis labels: habitual intake (y-axis), age (x-axis)

Percentile labels: P0.9975, P0.99, P0.98, P0.97, P0.96, P0.95, P0.94, P0.93, P0.92, P0.91, P0.9, P0.89, P0.02, P0.01, P0.0025