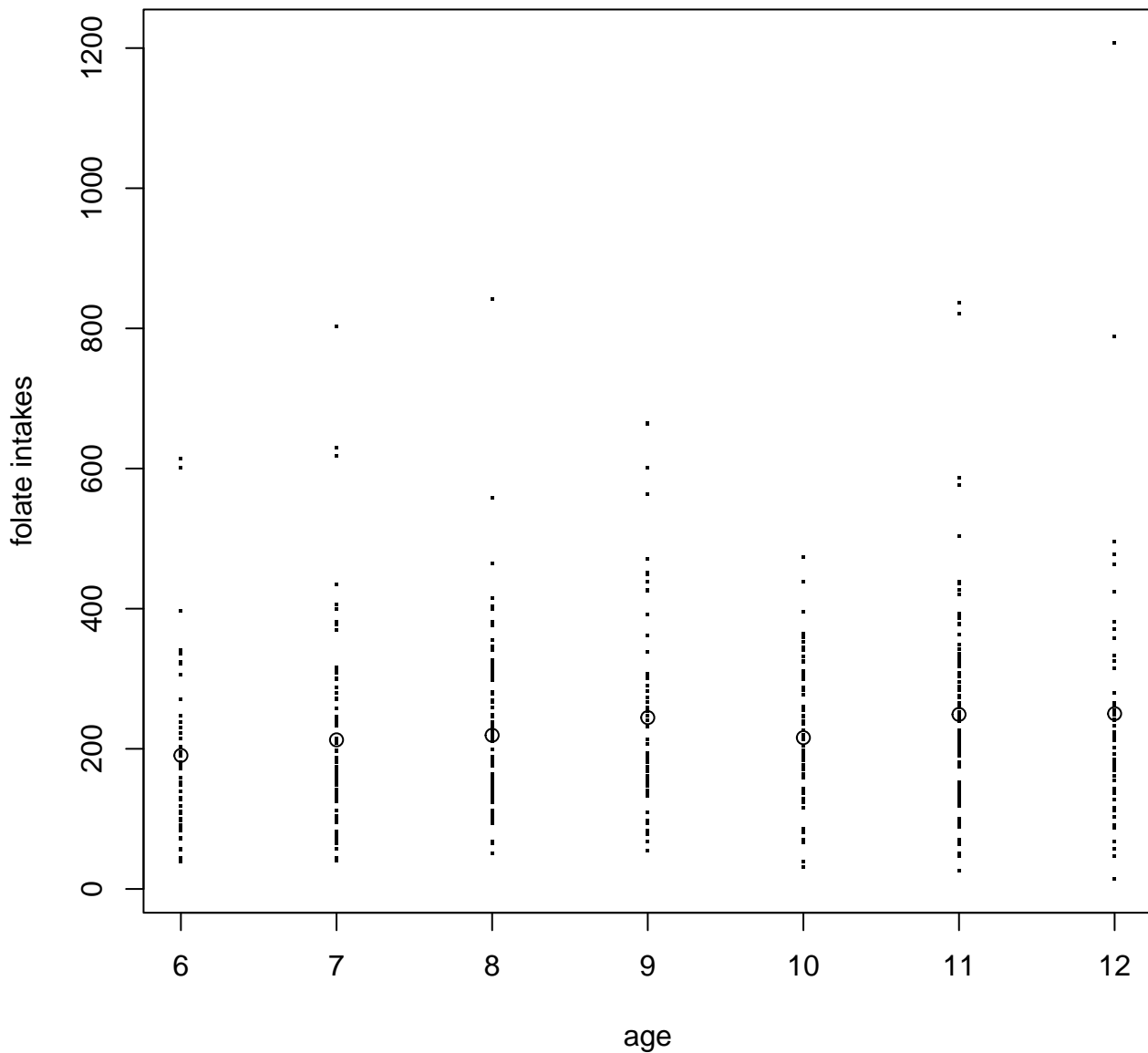**Original data for folate in RC24_LT_c_or both ; age 6−12**
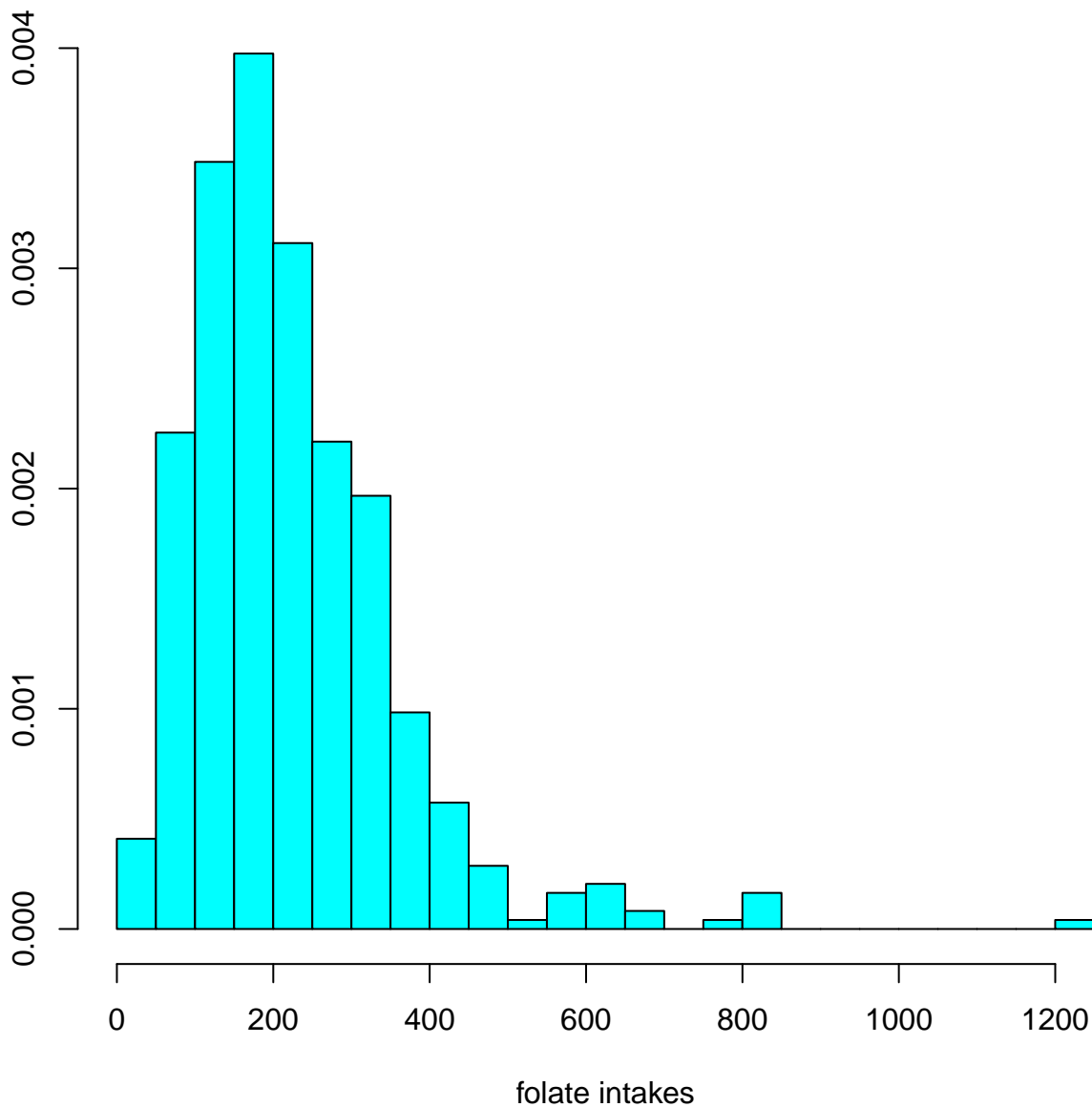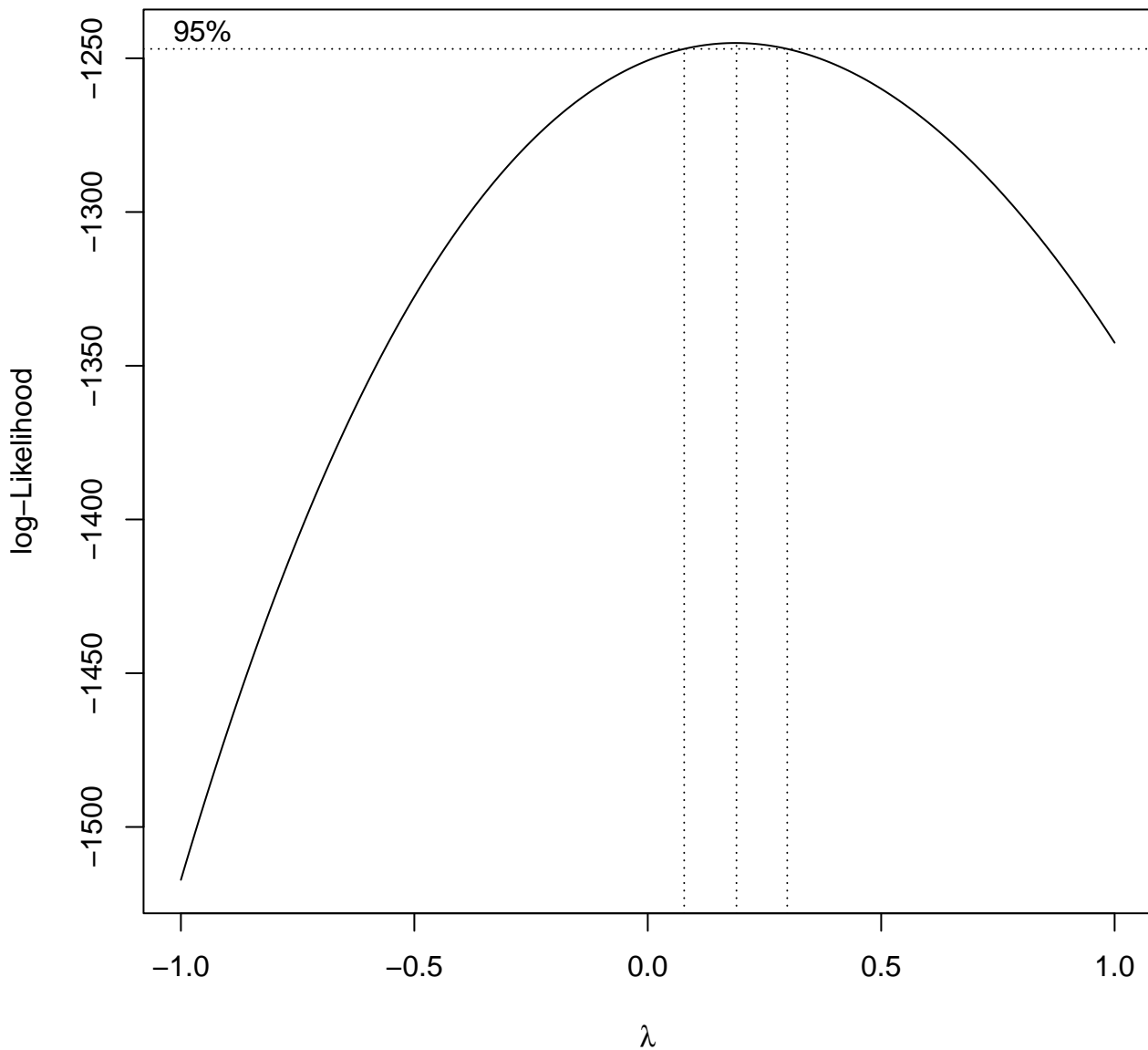
Original data for folate in RC24_LT_c_or both ; age 6−12
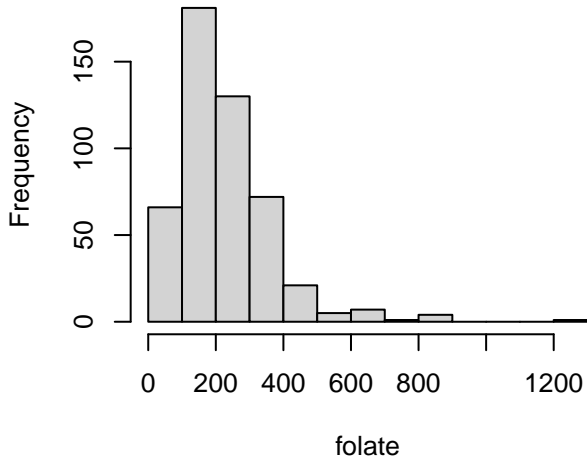
folate intakes

**Box−Cox plot for original data for folate in RC24_LT_c_or
both ; age 6−12
lambda = 0.188 (0.08,0.29)**

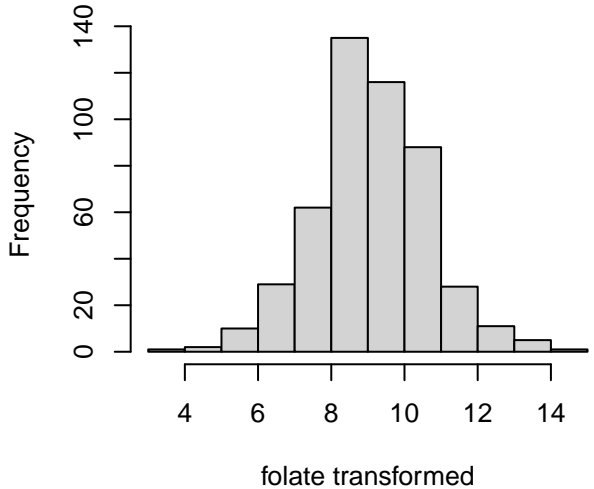# Diagnostic plots for folate in RC24_LT_c_or
both ; age 6−12

Intakes before Box−Cox trans.

Intakes after Box−Cox trans.

Normal Q−Q plot Original intakes
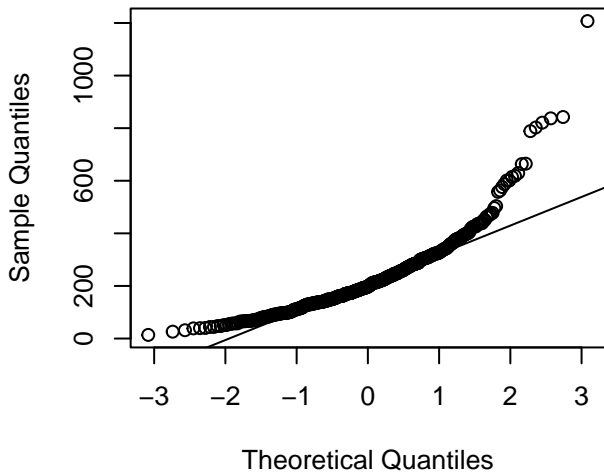
BoxCox transformed intakes lambda = 0.188
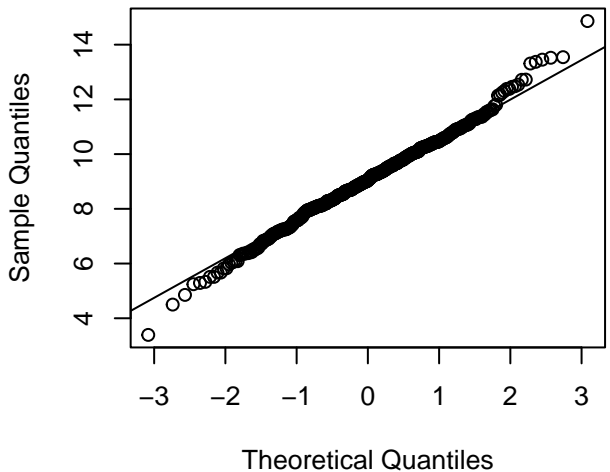
Transformed data for folate in RC24_LT_c_or both ; age 6–12   lambda = 0.188

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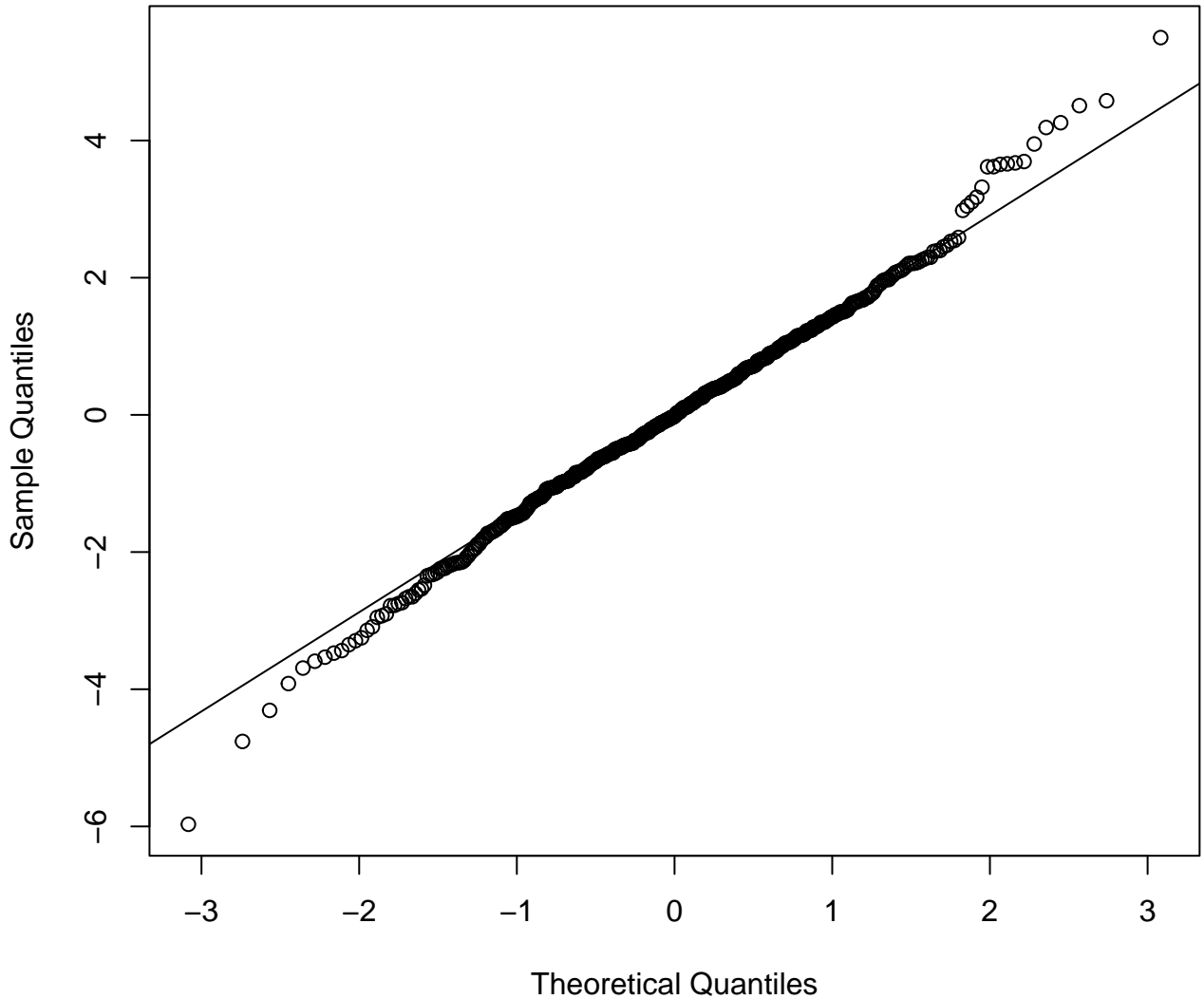
Histogram: residuals of model
intake.trans ~ fp(age)
both ; age 6−12   for   folate   in   RC24_LT_c_or

residuals
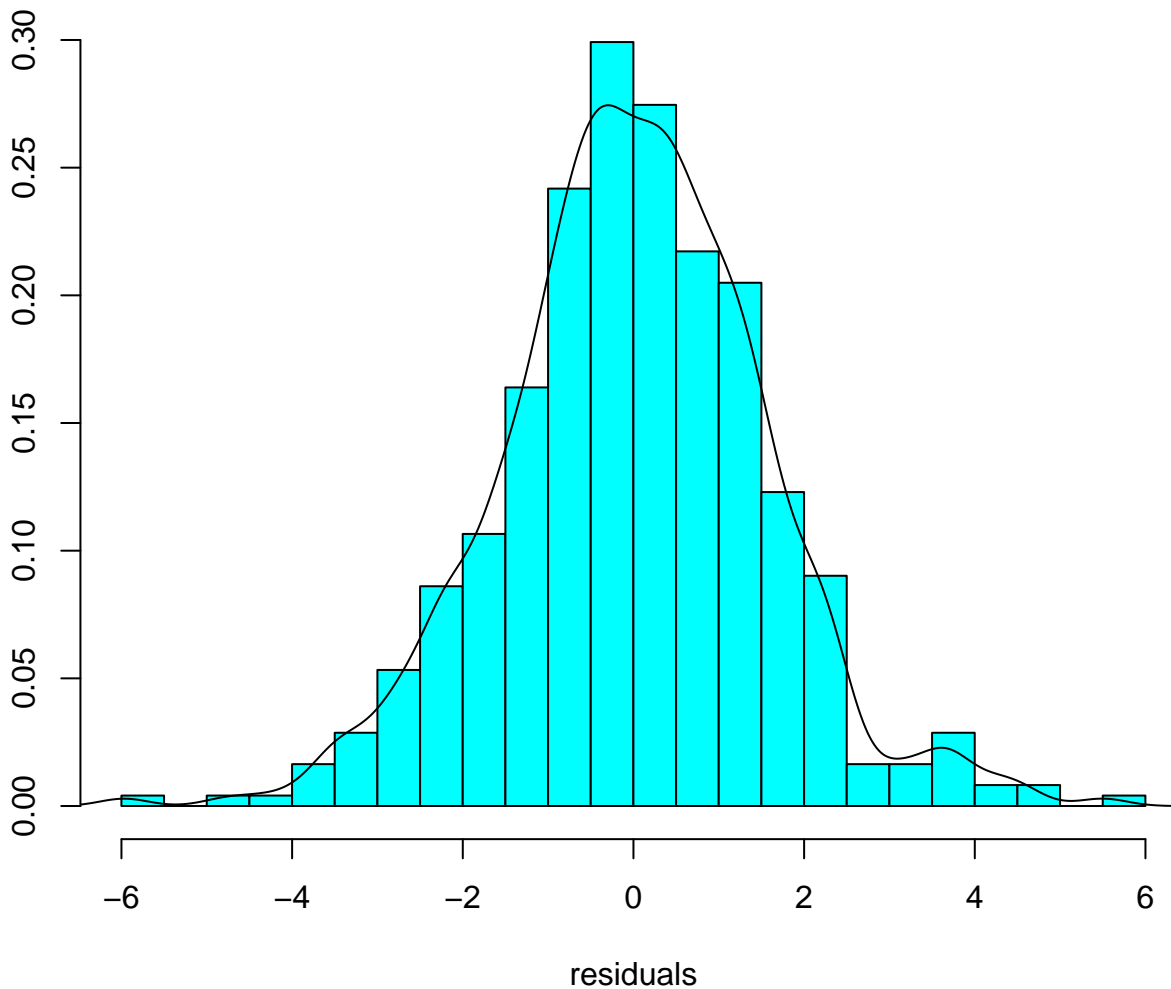
Habitual intake distribution for folate in RC24_LT_c_or both ; age 6−12 per person 100 simulated pseudo persons
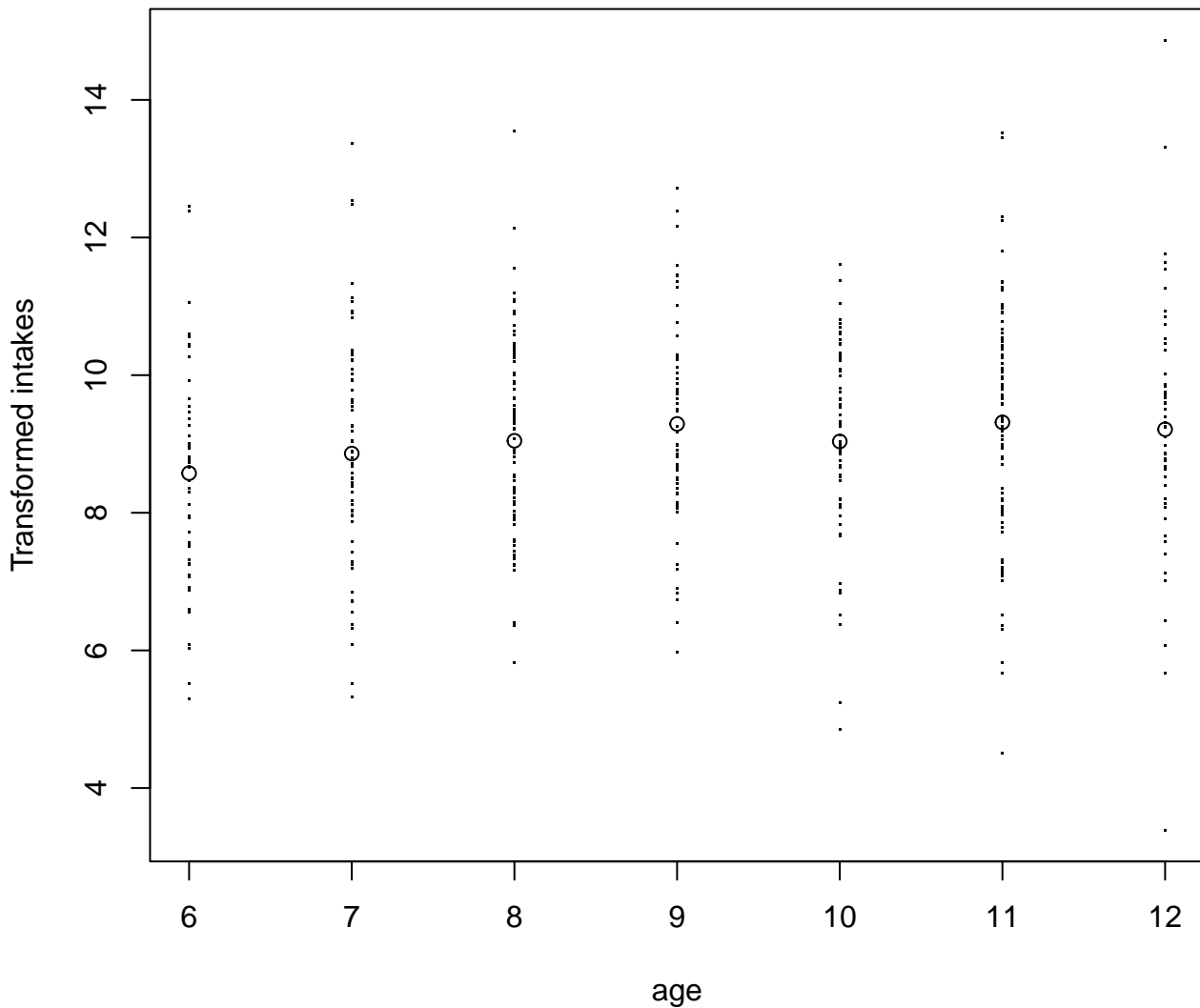
Legend:
- ○ (weighted) sample mean per age
- model fit
- percentiles

Y-axis: habitual intake (100, 200, 300, 400, 500, 600)

X-axis: age (4, 6, 8, 10, 12, 14, 16, 18)

Percentile labels (top to bottom): P0.9975, P0.99, P0.98, P0.97, P0.96, P0.95, P0.94, P0.93, P0.92, P0.91, P0.9, P0.89, P0.88, P0.86, P0.84, P0.82, P0.81, ..., P0.03, P0.02, P0.01, P0.0025
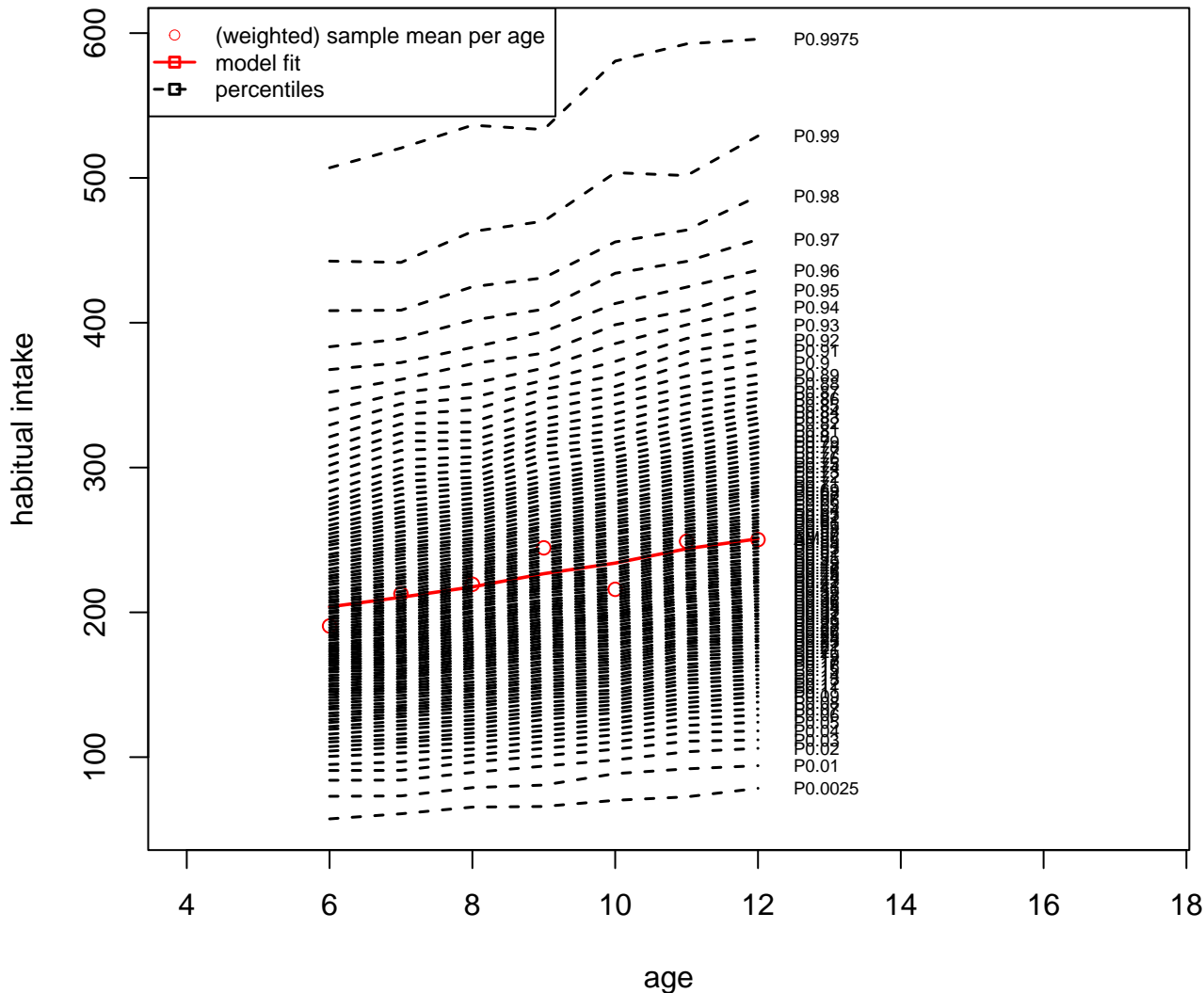
Habitual intake distribution for folate in RC24_LT_c_or both ; age 6–12
100 pseudo persons per person are simulated

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

Percentile labels (top to bottom):
P0.9975
P0.99
P0.98
P0.97
P0.96
P0.95
P0.94
P0.93
P0.92
P0.91
P0.90
P0.89
P0.88
P0.87
P0.86
P0.85
P0.84
P0.83
P0.82
P0.81
P0.80
P0.79
P0.78
P0.77
P0.76
P0.75
P0.74
P0.73
P0.72
P0.71
P0.70
P0.69
P0.68
P0.67
P0.66
P0.65
P0.64
P0.63
P0.62
P0.61
P0.60
P0.59
P0.58
P0.57
P0.56
P0.55
P0.54
P0.53
P0.52
P0.51
P0.50
P0.49
P0.48
P0.47
P0.46
P0.45
P0.44
P0.43
P0.42
P0.41
P0.40
P0.39
P0.38
P0.37
P0.36
P0.35
P0.34
P0.33
P0.32
P0.31
P0.30
P0.29
P0.28
P0.27
P0.26
P0.25
P0.24
P0.23
P0.22
P0.21
P0.20
P0.19
P0.18
P0.17
P0.16
P0.15
P0.14
P0.13
P0.12
P0.11
P0.10
P0.09
P0.08
P0.07
P0.06
P0.05
P0.04
P0.03
P0.02
P0.01
P0.0025

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