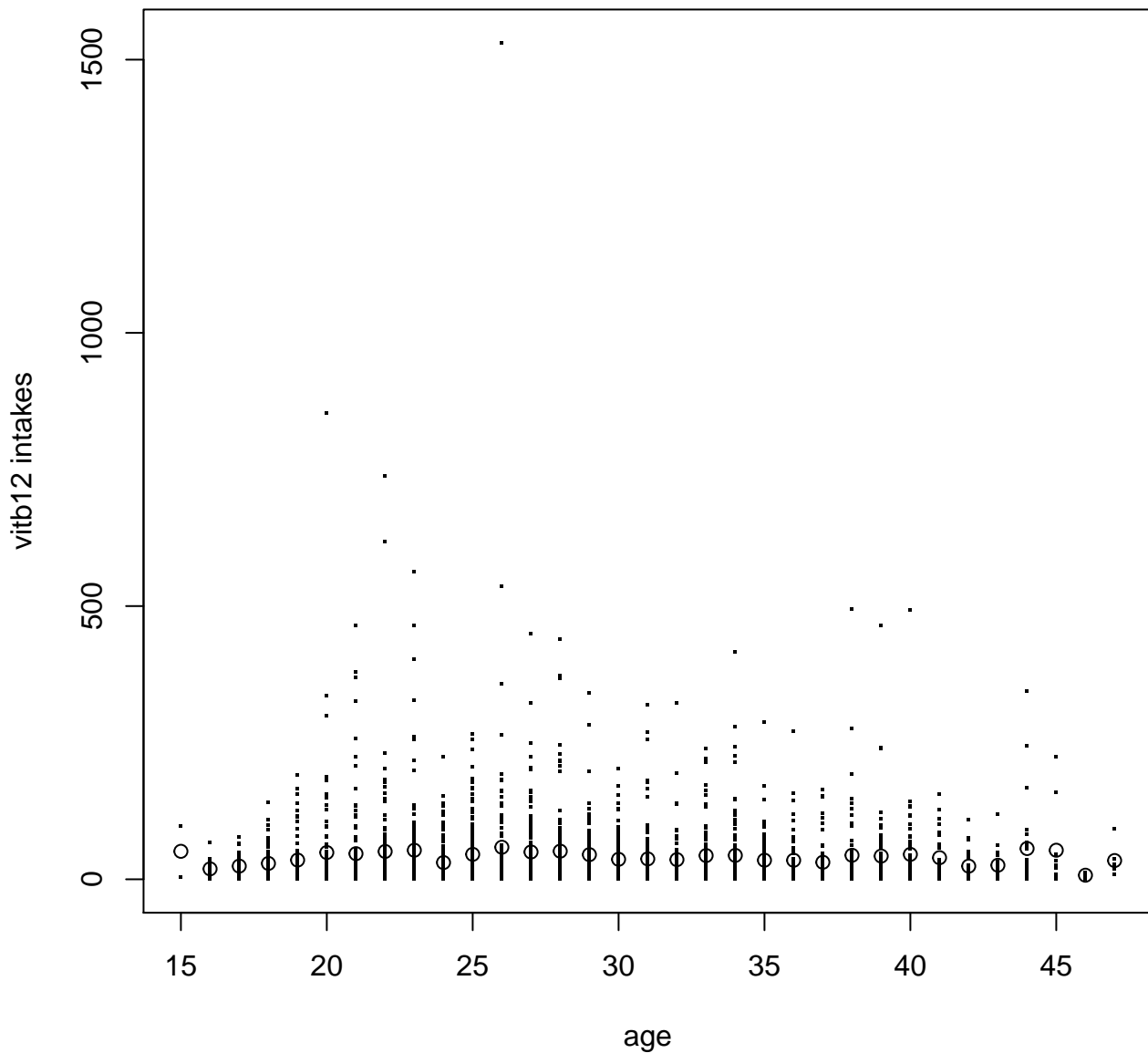
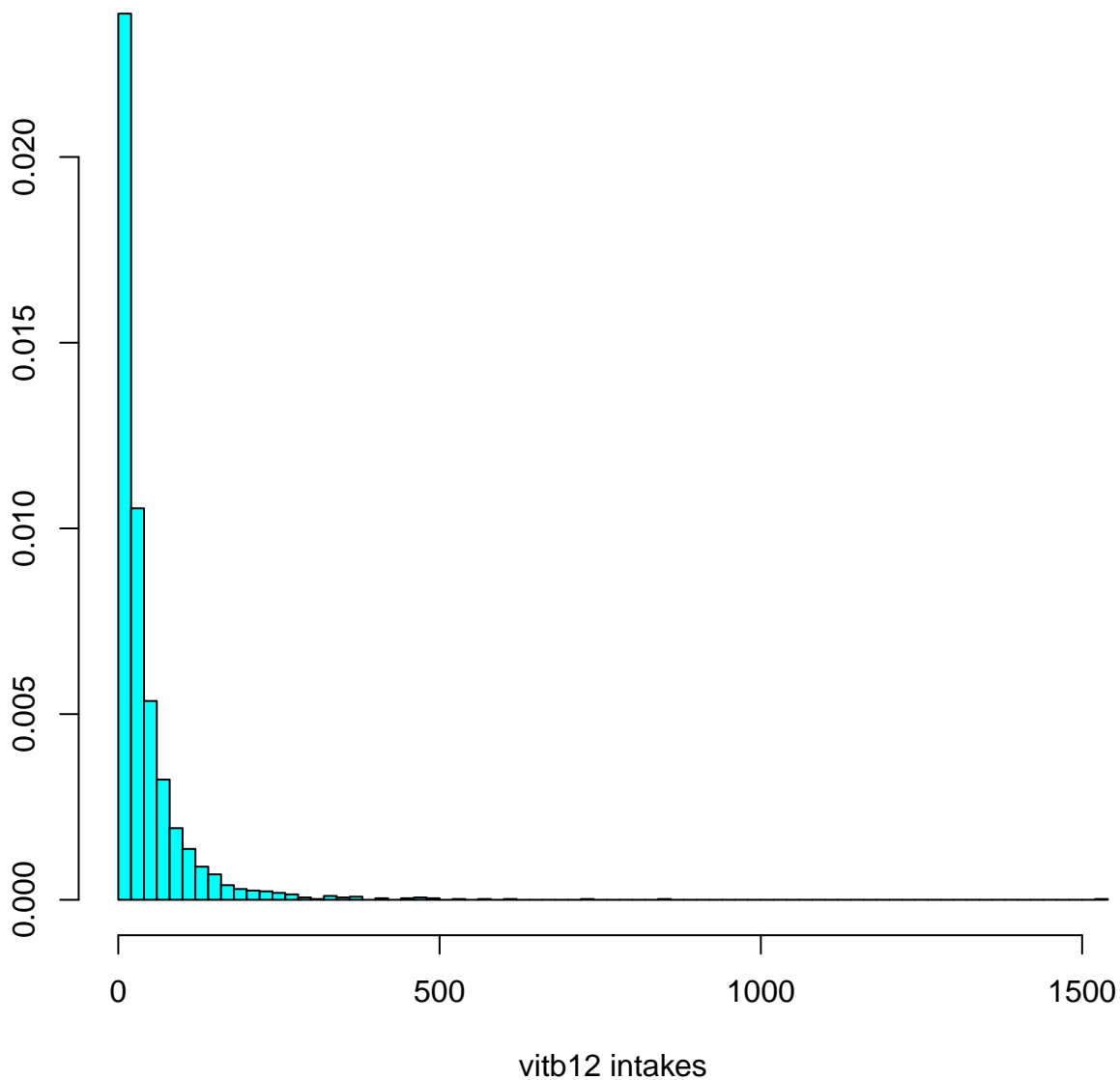


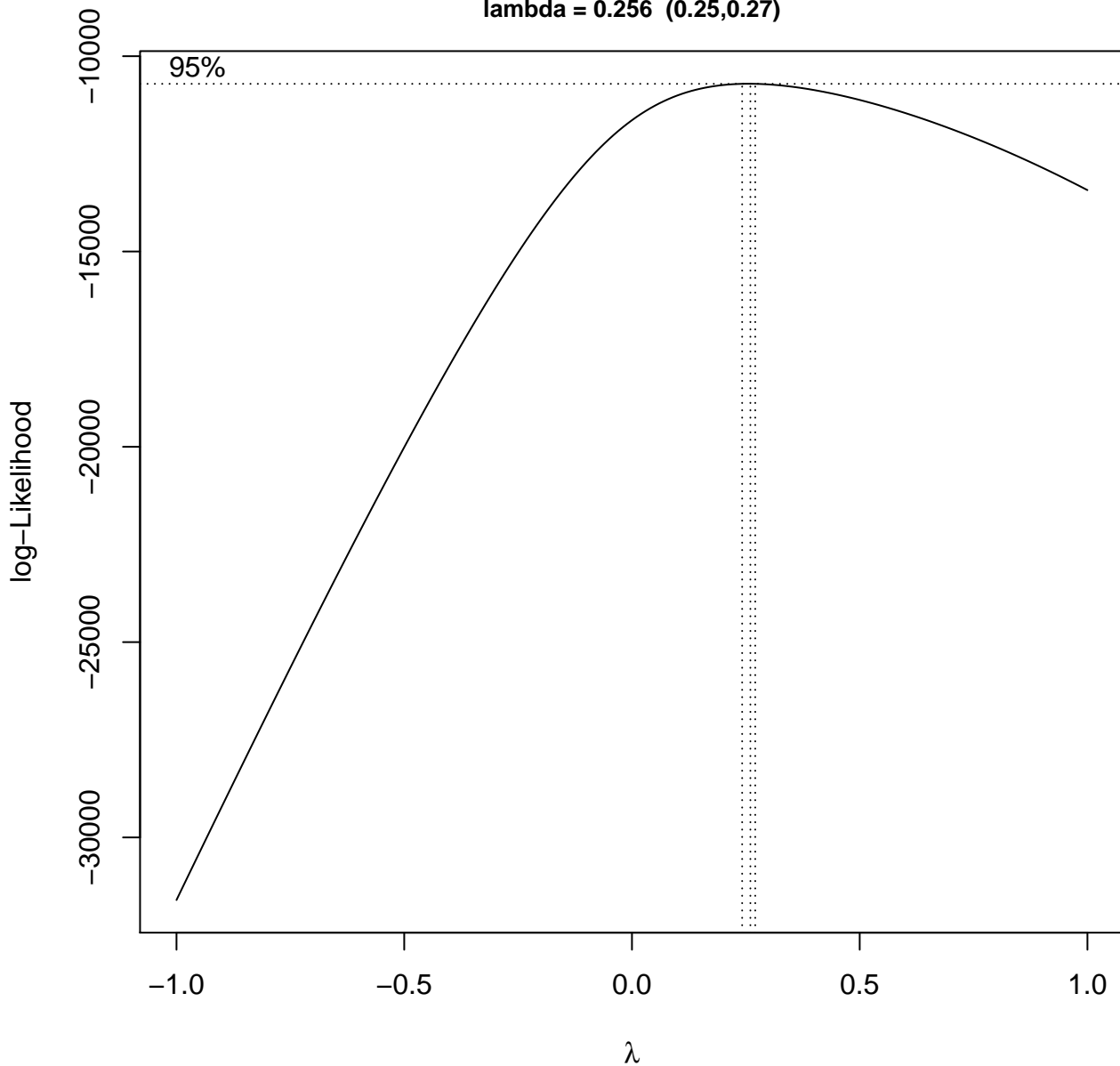
Original data for vitb12 in phil_wom
women ; age 15-47



Original data for vitb12 in phil_wom
women ; age 15-47

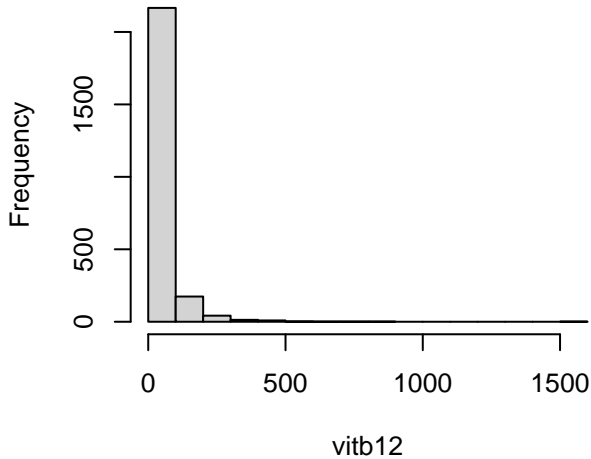


Box-Cox plot for original data for vitb12 in phil_wom
women ; age 15-47
 $\lambda = 0.256$ (0.25,0.27)

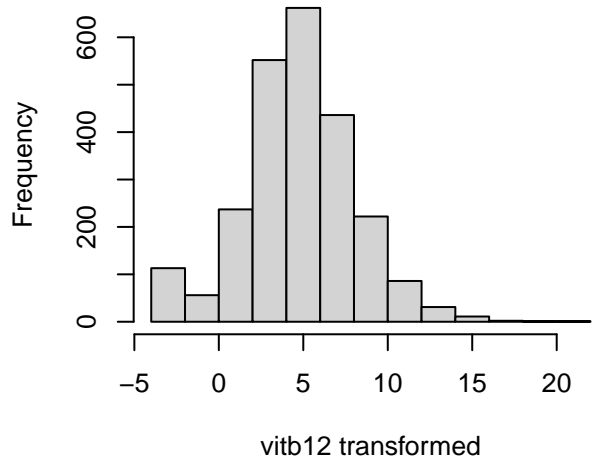


Diagnostic plots for vitb12 in phil_wom
women ; age 15–47

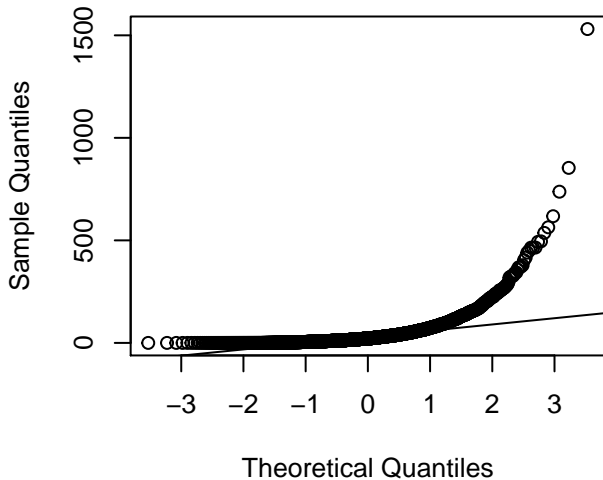
**Intakes before
Box–Cox trans.**



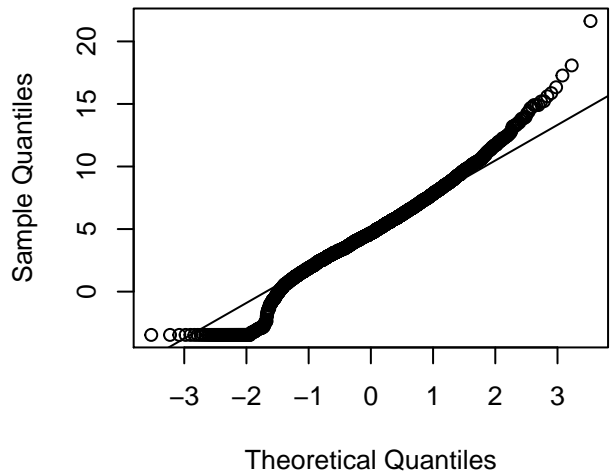
**Intakes after
Box–Cox trans.**



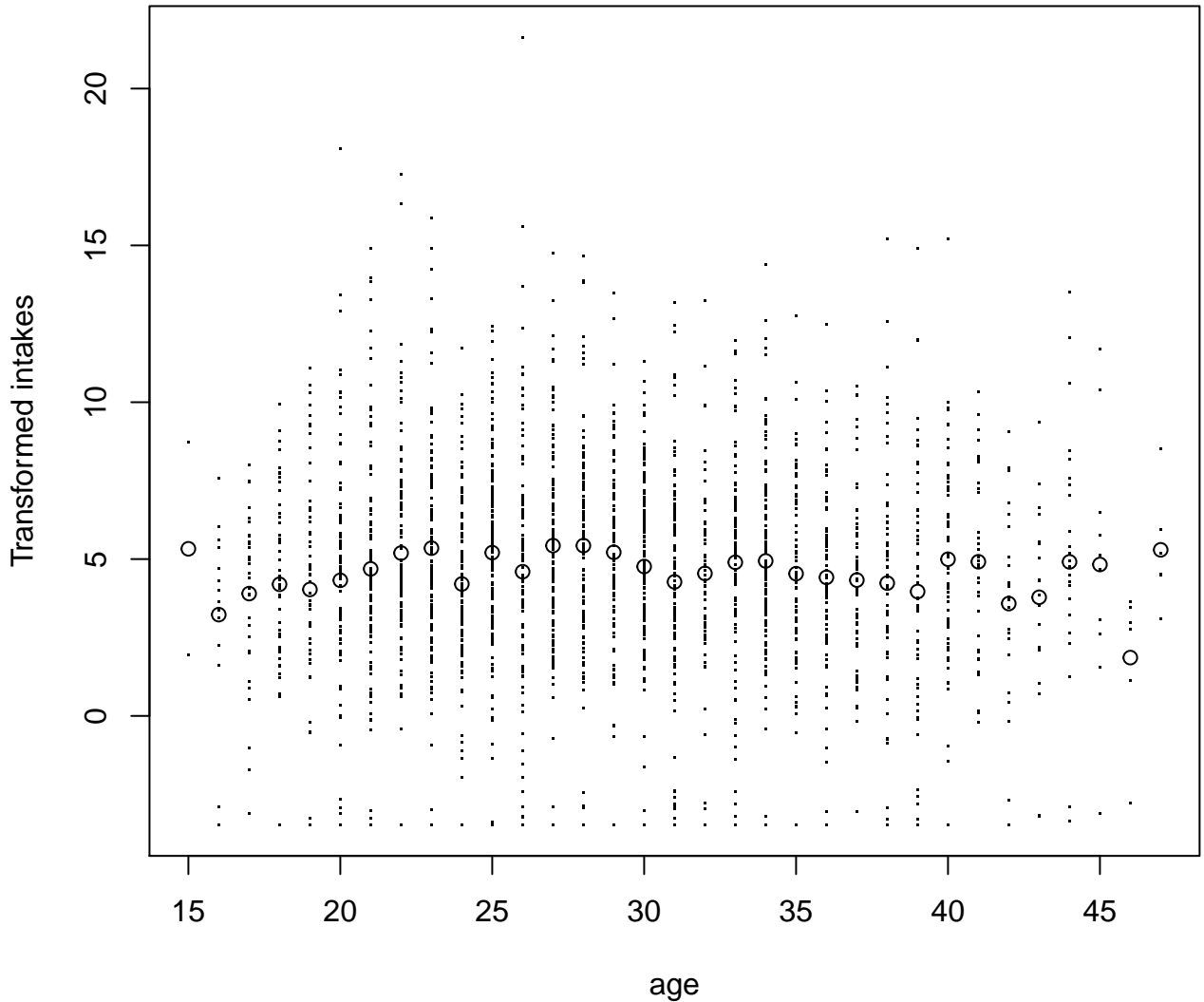
**Normal Q–Q plot
Original intakes**



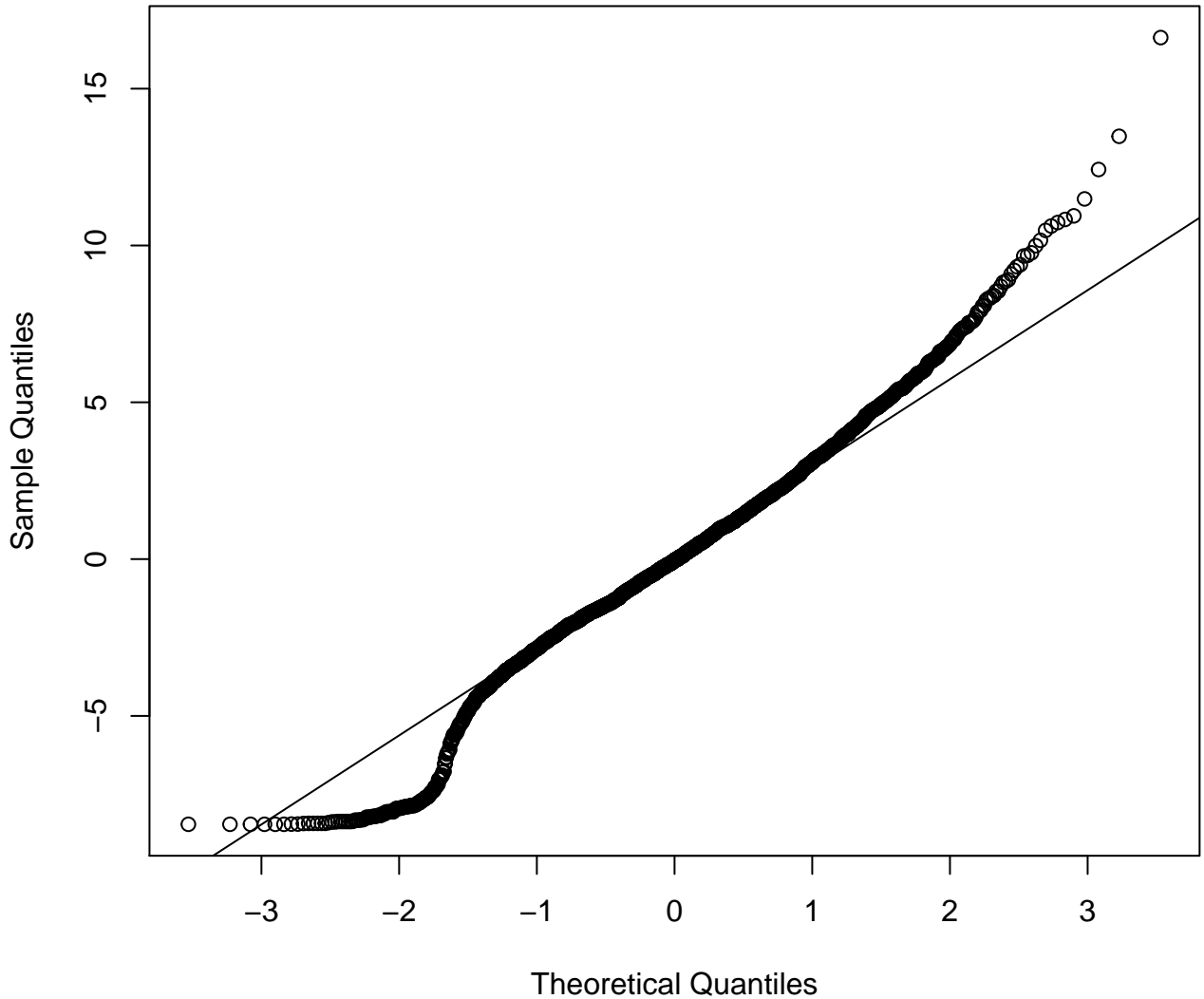
**BoxCox transformed intakes
lambda = 0.256**



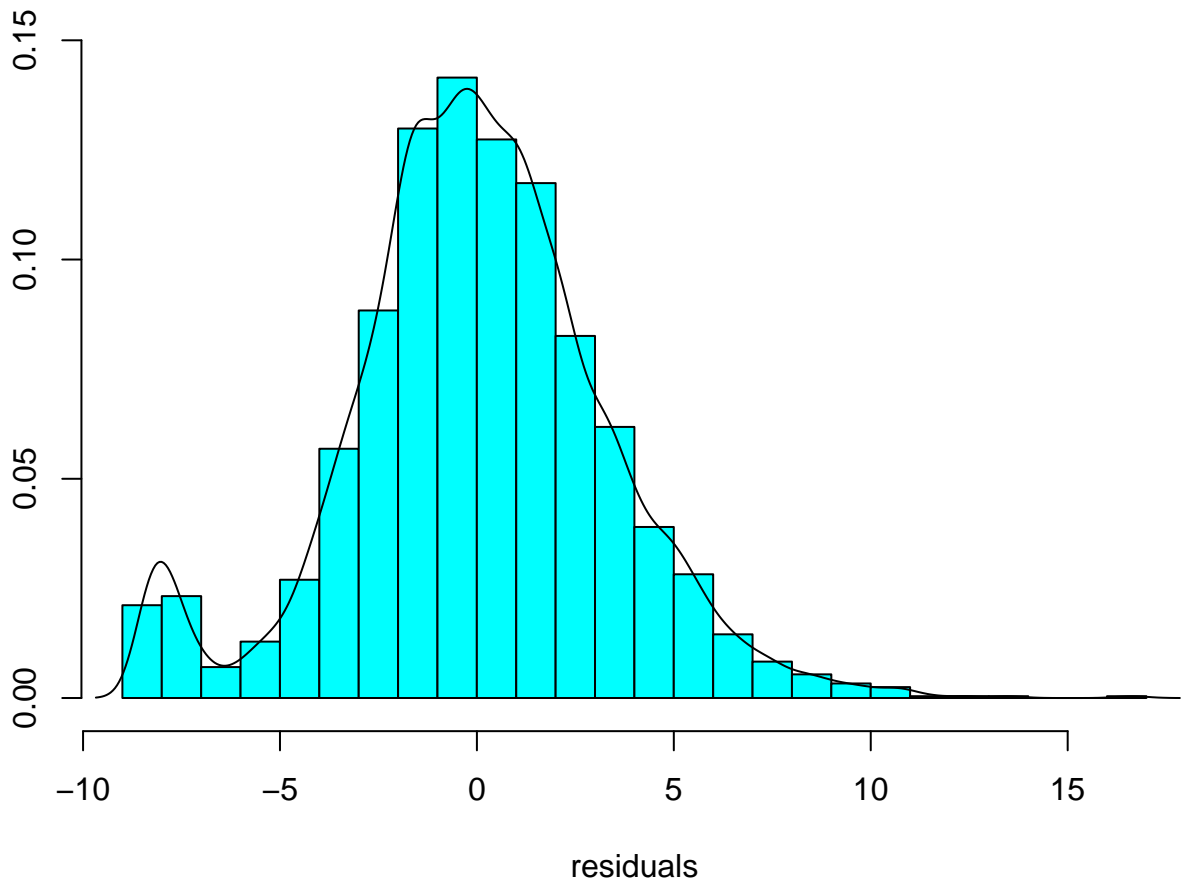
Transformed data for vitb12 in phil_wom
women ; age 15-47 lambda = 0.256



QQ-normal: residuals of model
intake.trans ~ fp(age)
women ; age 15-47 for vitb12 in phil_wom



Histogram: residuals of model
intake.trans ~ fp(age)
women ; age 15–47 for vitb12 in phil_wom



Habitual amount distribution for vitb12 in phil_wom
women ; age 15-47
per person 100 simulated pseudo persons

