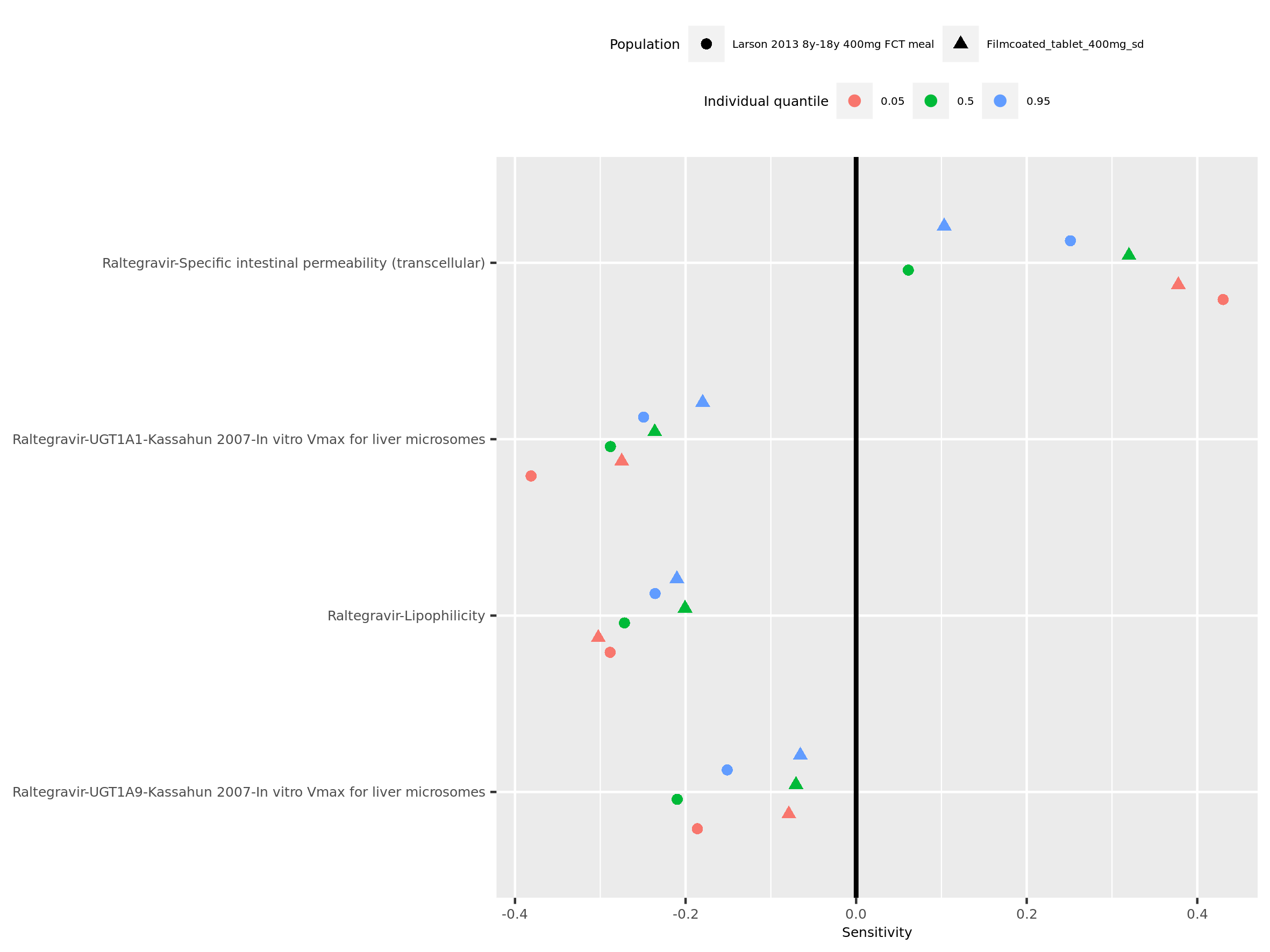
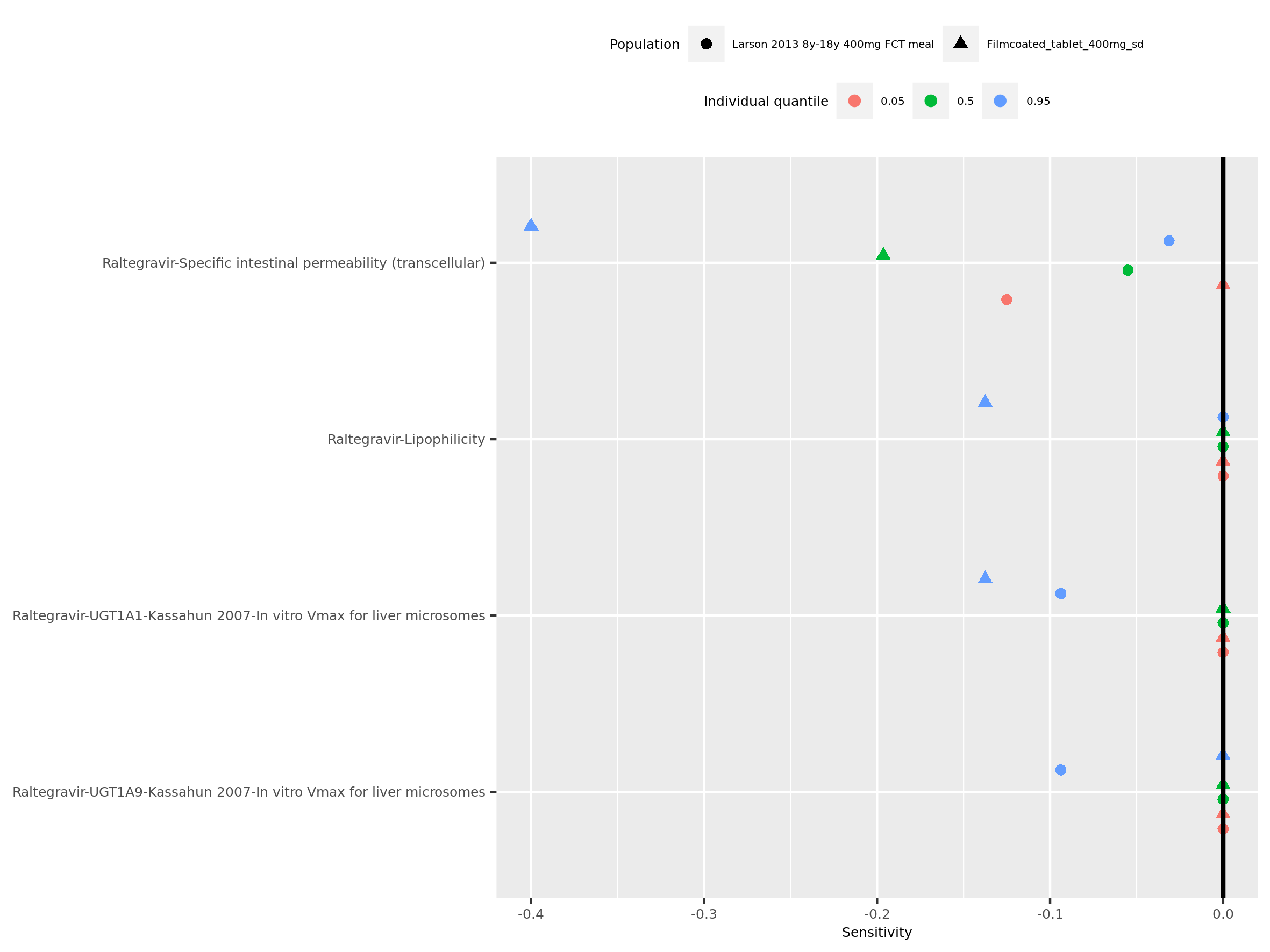
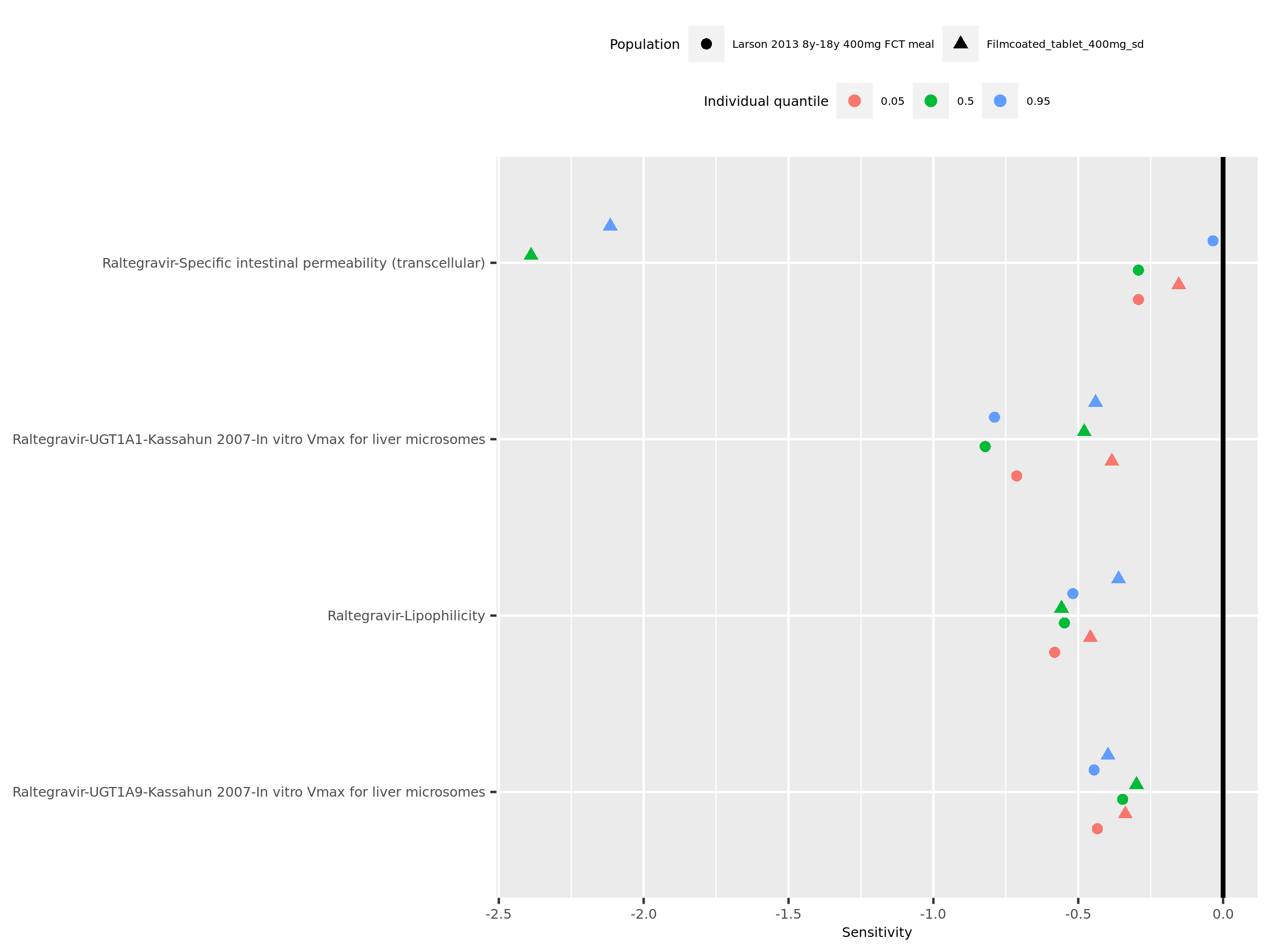
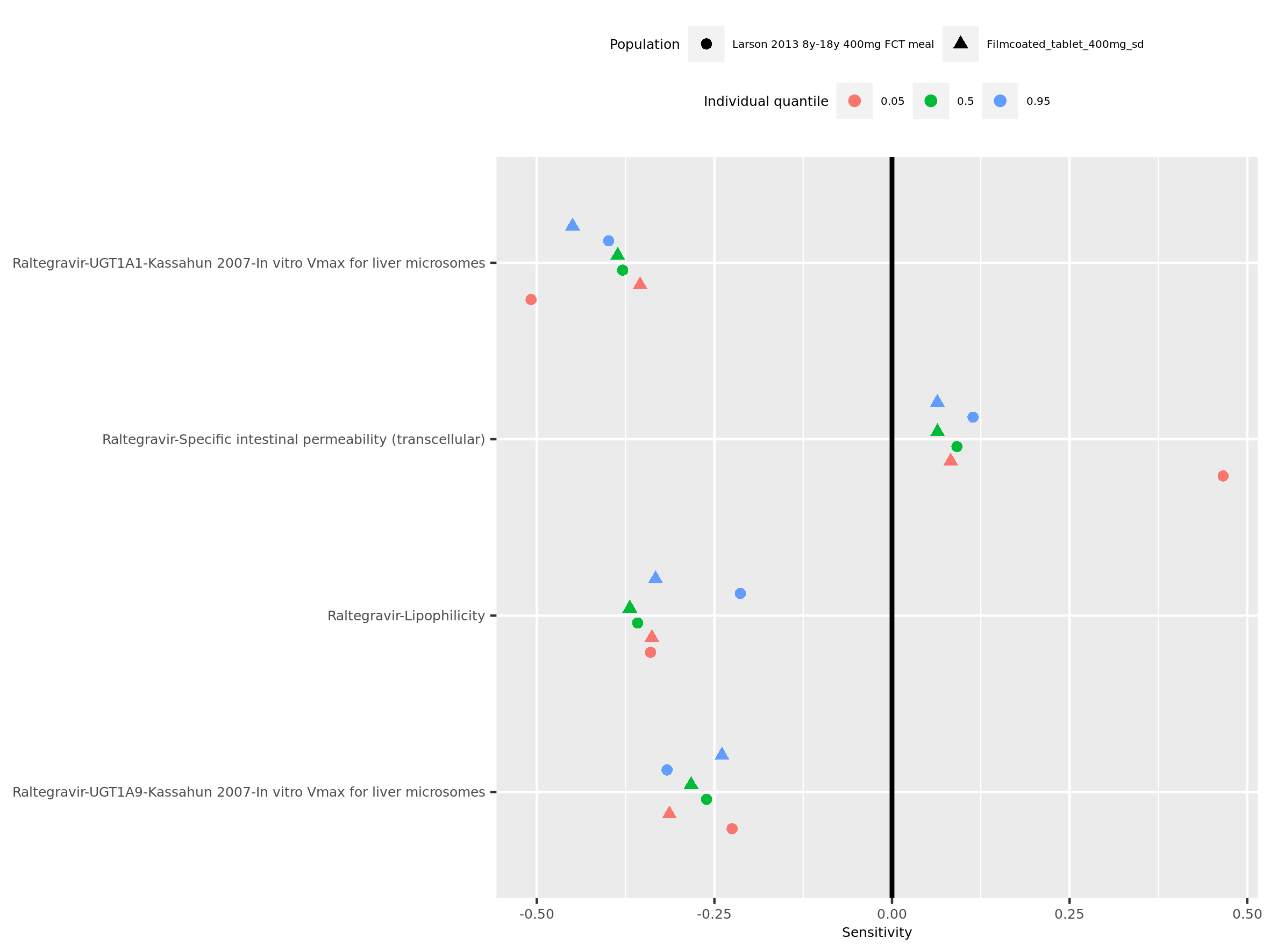
* [1. Sensitivity Analysis](#Xf1c3bed5509e2a506fffdebca3f72872f7f632f)
* [2. Time profiles and residual plots](#Xba694b7497ad6ccca3af6ef41e06bb27b11768c)
  + [2.1. Time profiles and residual plots for Larson 2013 8y-18y 400mg FCT meal](#Xed9d5fcf86b0569cb8d4783d5ac01dd3b21ca4b)
  + [2.2. Time profiles and residual plots for Filmcoated\_tablet\_400mg\_sd](#Xd5c285d9ec49685a9c8ff53bb996b506151988c)
  + [2.3. Residuals across all simulations](#X2f2c407ab8b15f1aefc8f1929f1104501635f05)
* [3. Demography](#Xa2c40bad54409c3f407cd08ada0fbe0ed338d4c)

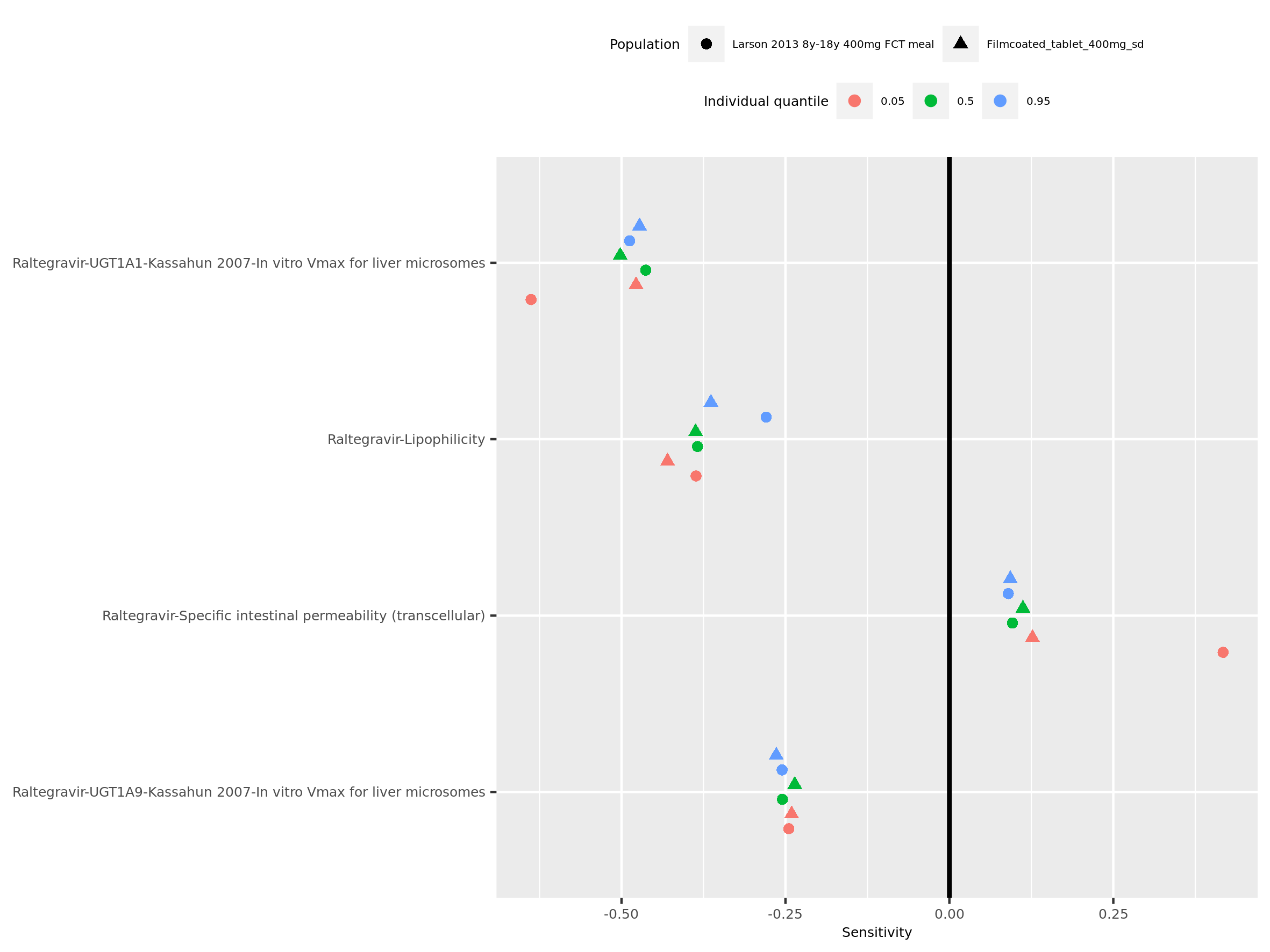
# 1. Sensitivity Analysis

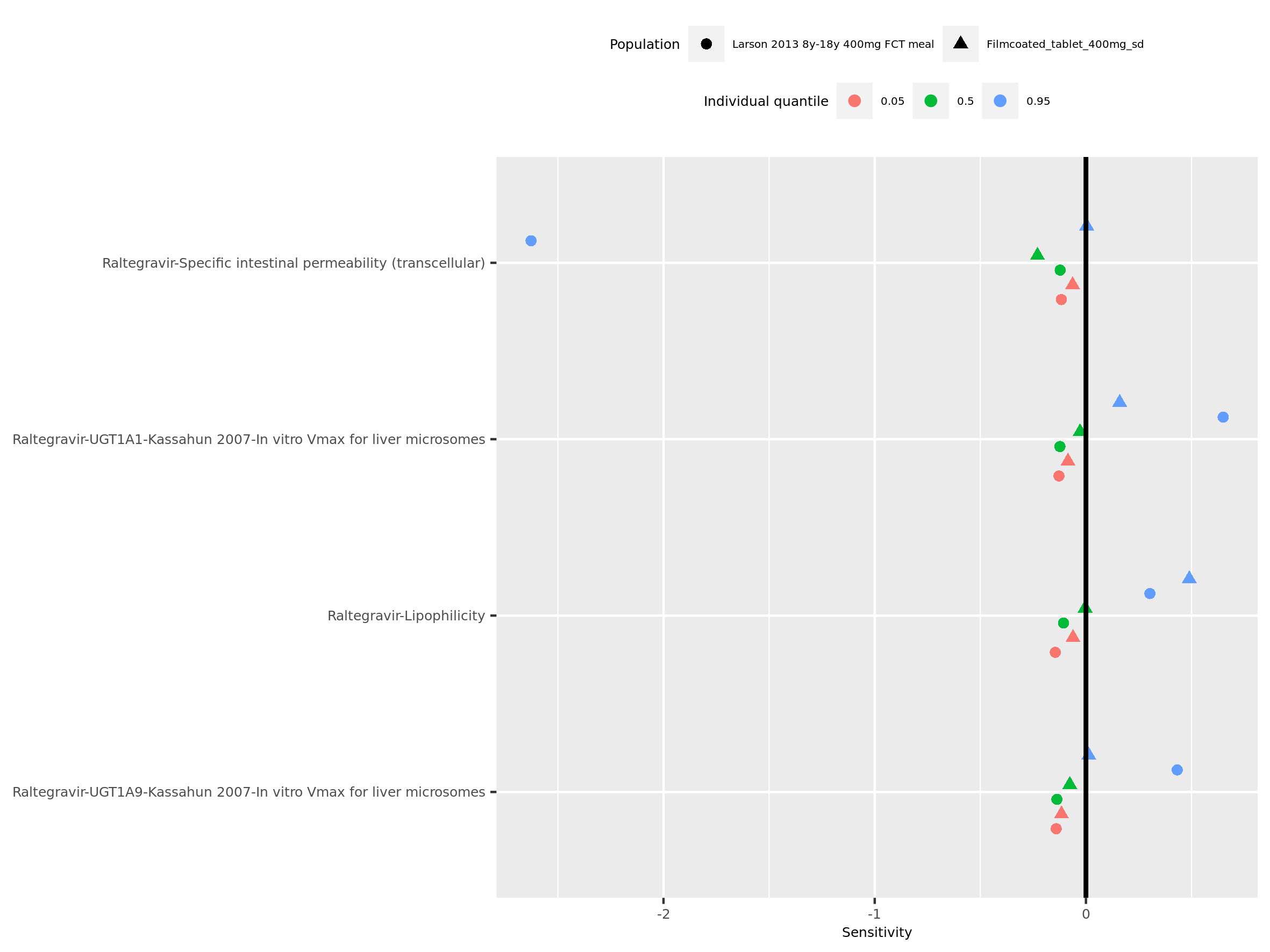


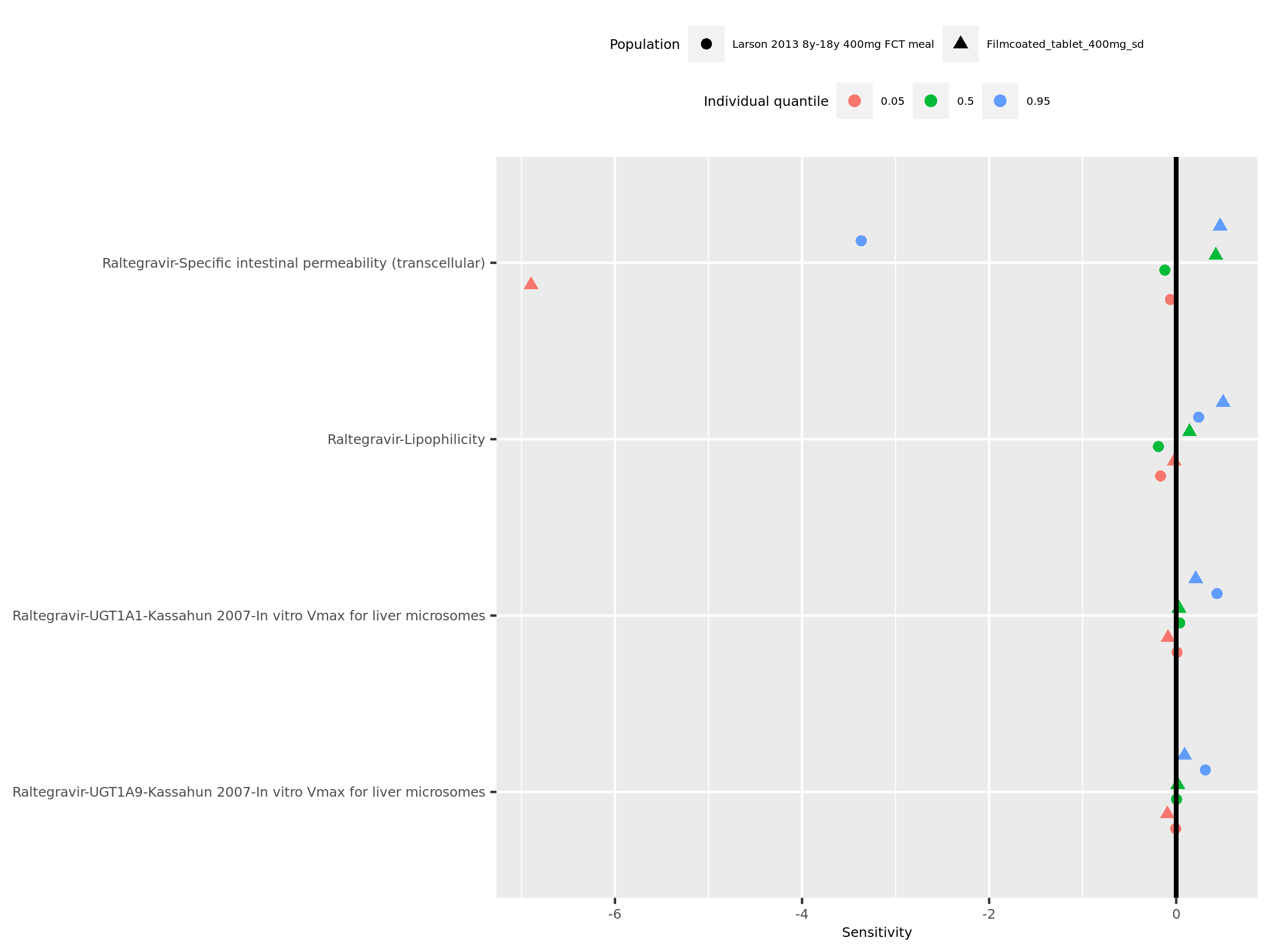


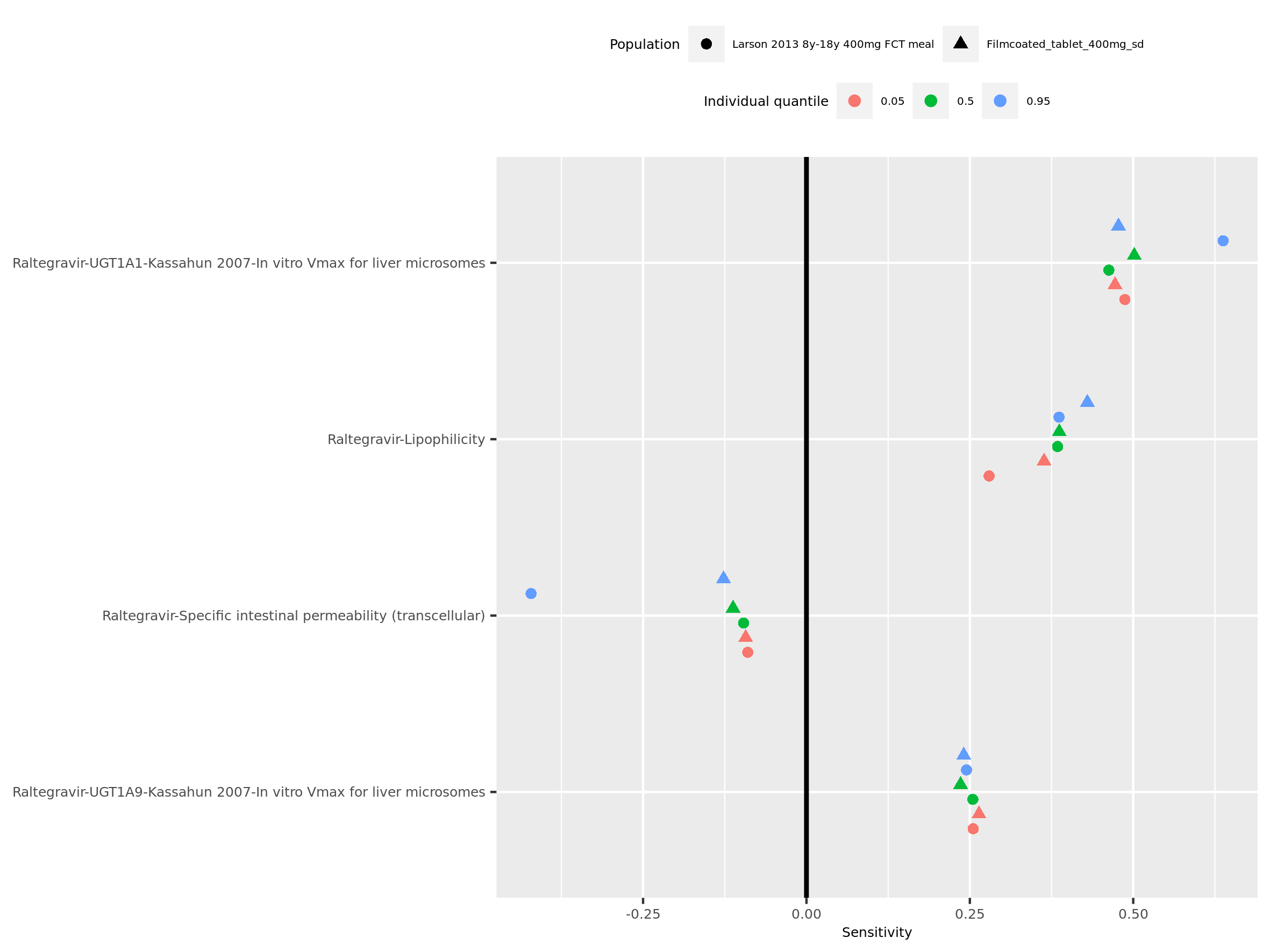


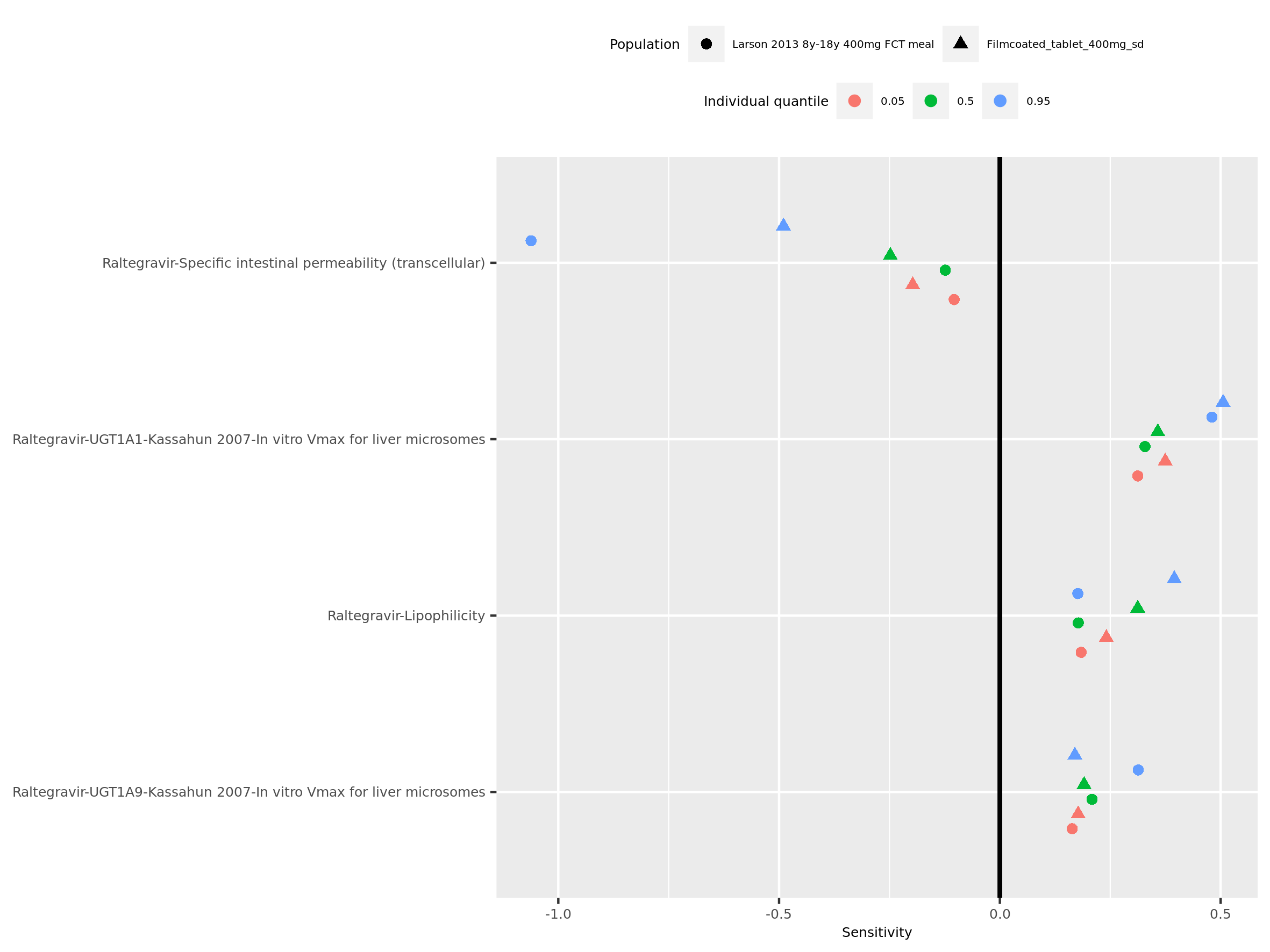


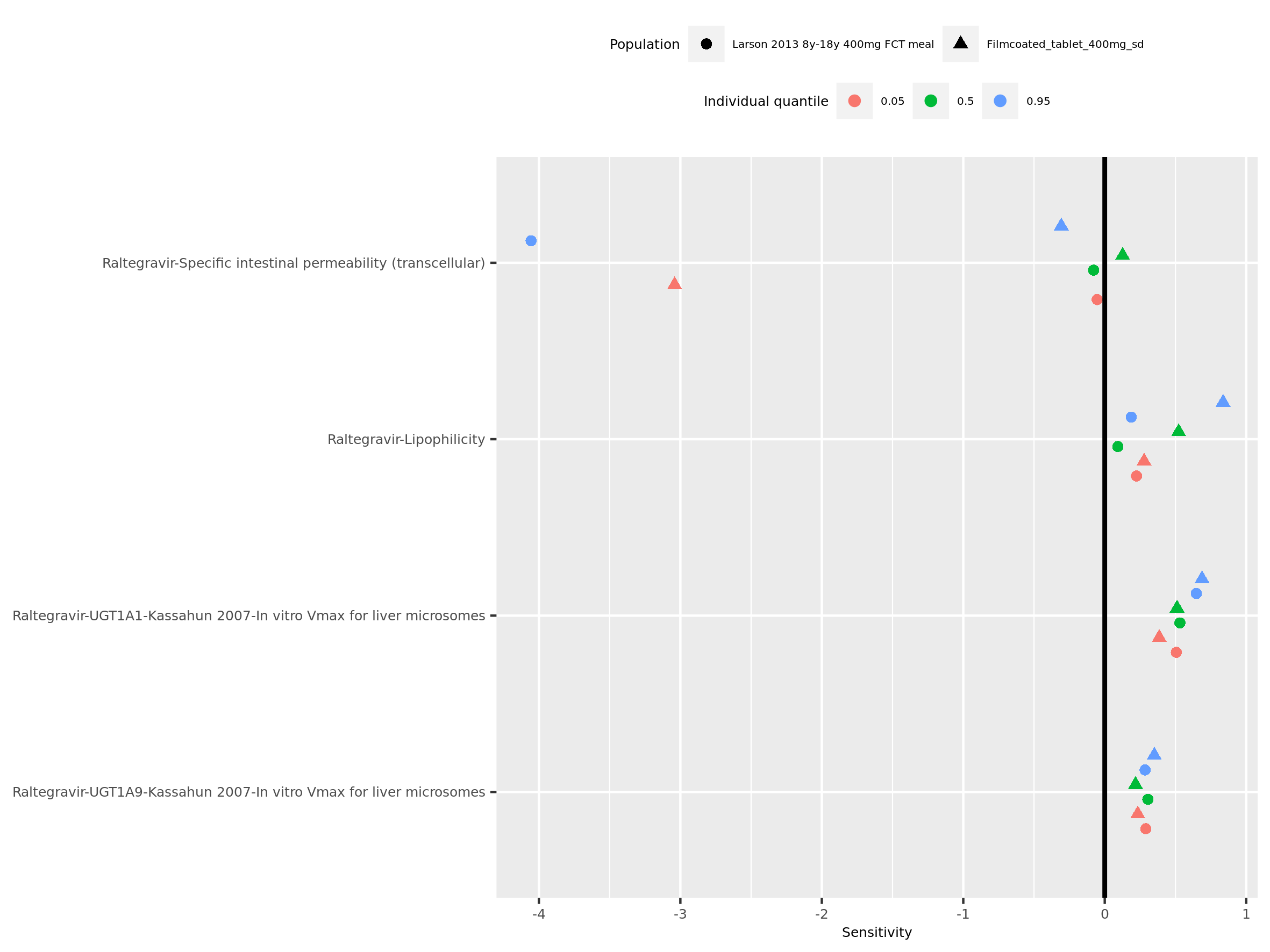












# 2. Time profiles and residual plots

## 2.1. Time profiles and residual plots for Larson 2013 8y-18y 400mg FCT meal

Figure 1: Time profiles of Larson 2013 8y-18y 400mg FCT meal for Larson 2013 8-18y meal. Data source: Data/Raltegravir\_PK.txt. Time profiles are plotted in a linear scale.

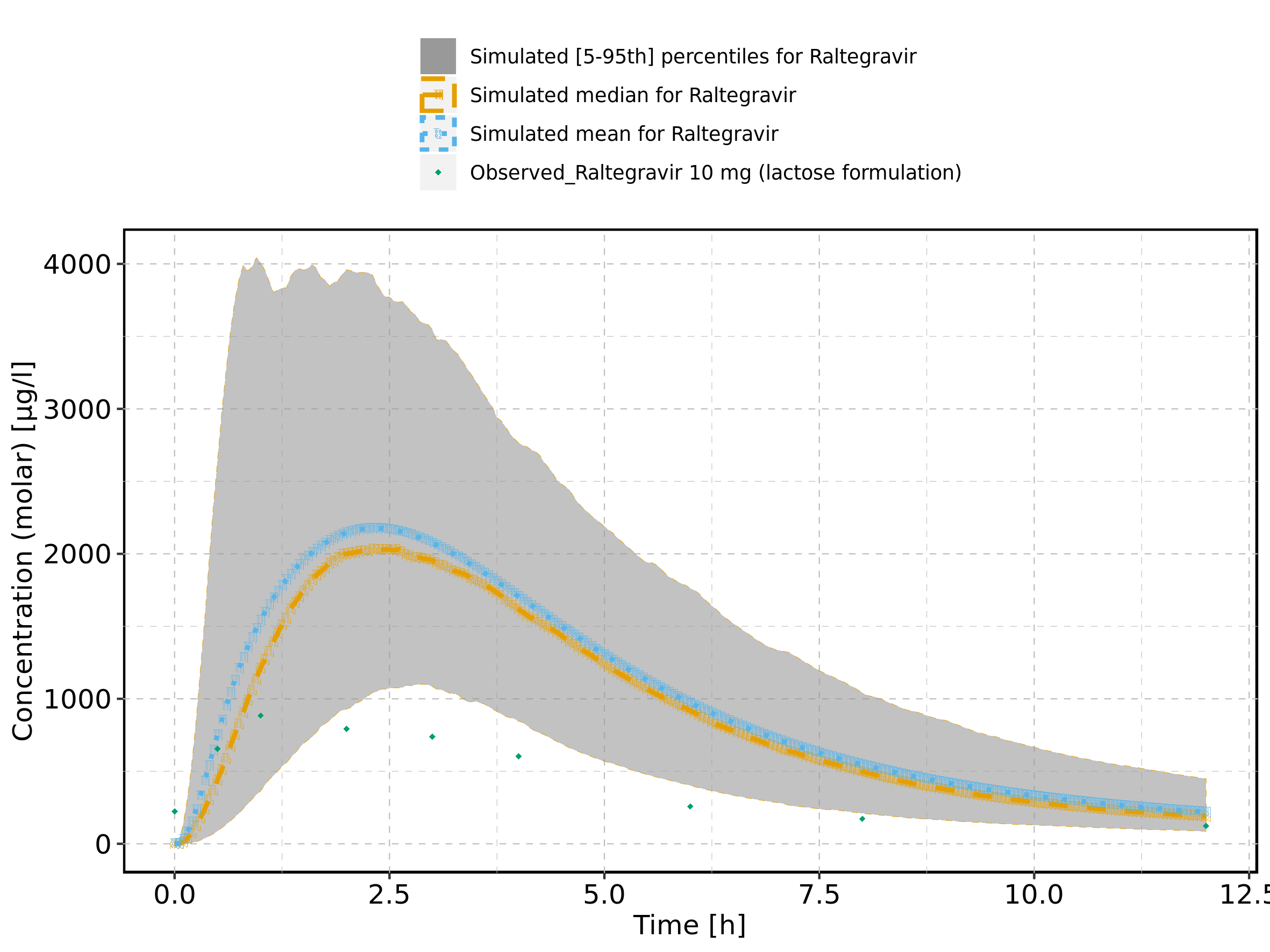


Figure 2: Time profiles of Larson 2013 8y-18y 400mg FCT meal for Larson 2013 8-18y meal. Data source: Data/Raltegravir\_PK.txt. Time profiles are plotted in a logarithmic scale.

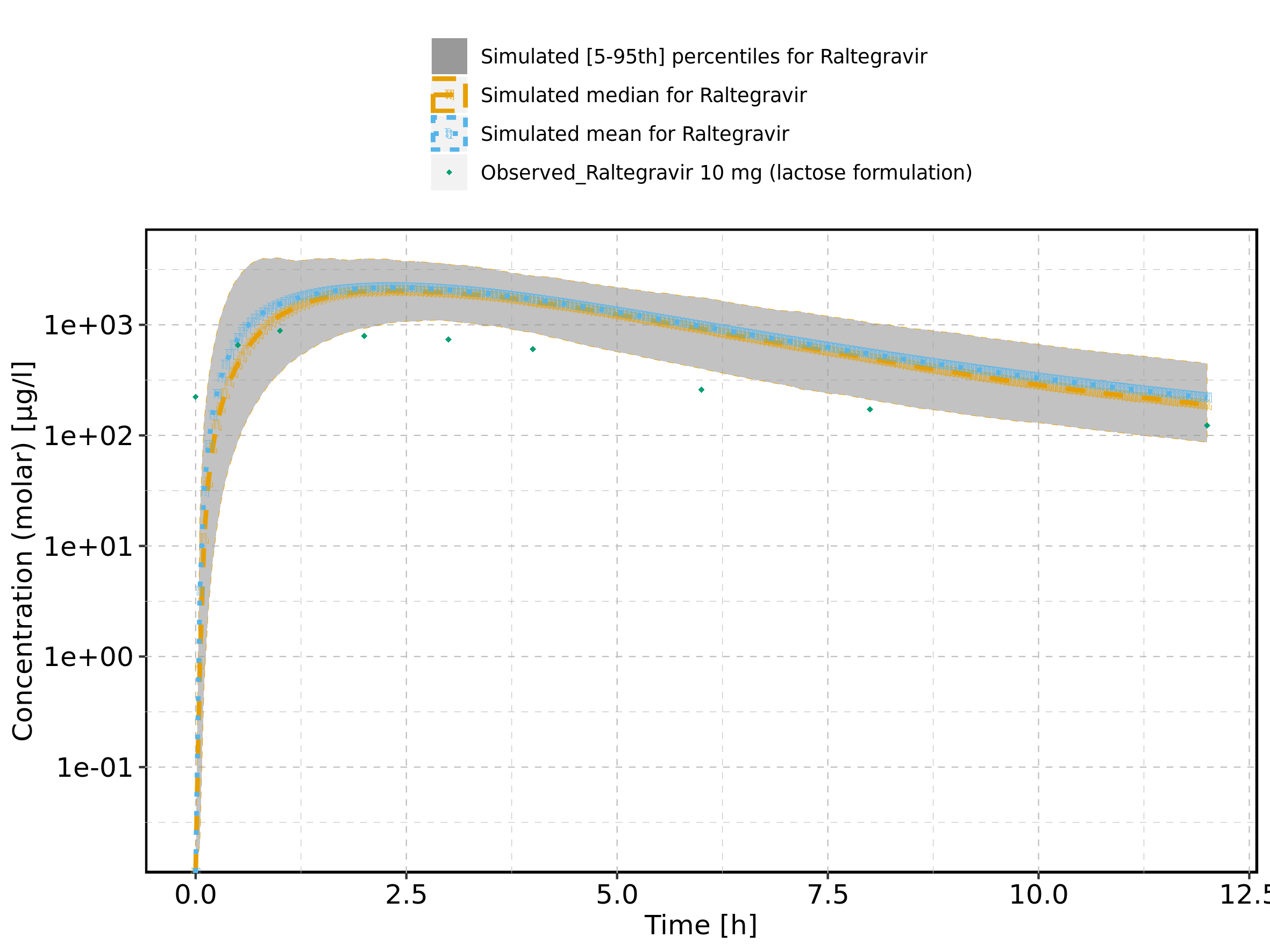


Figure 3: Predicted vs observed of Larson 2013 8y-18y 400mg FCT meal for Larson 2013 8-18y meal. Data source: Data/Raltegravir\_PK.txt. Predictions and observations are plotted in a linear scale.

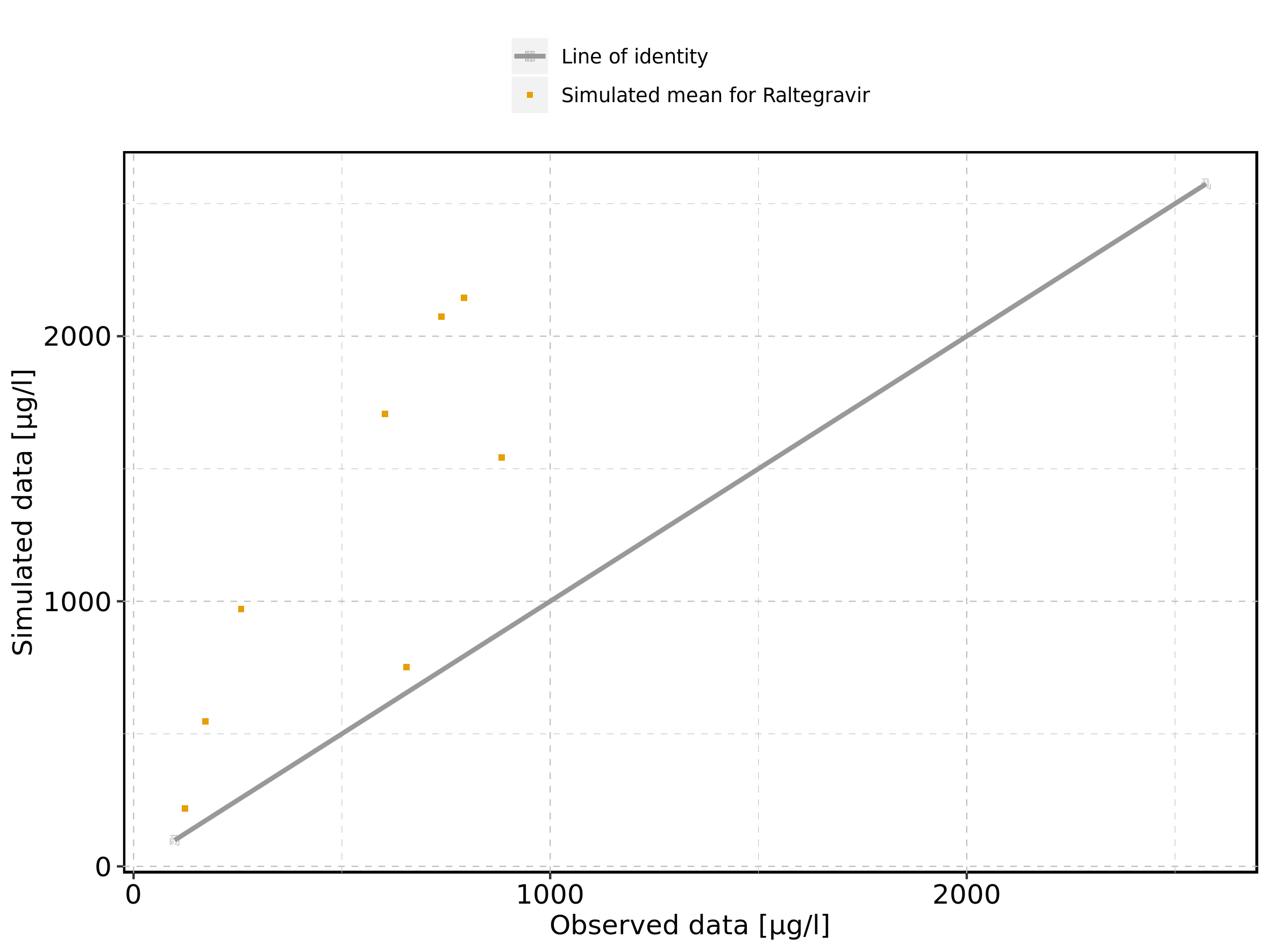


Figure 4: Predicted vs observed of Larson 2013 8y-18y 400mg FCT meal for Larson 2013 8-18y meal. Data source: Data/Raltegravir\_PK.txt. Predictions and observations are plotted in a logarithmic scale.

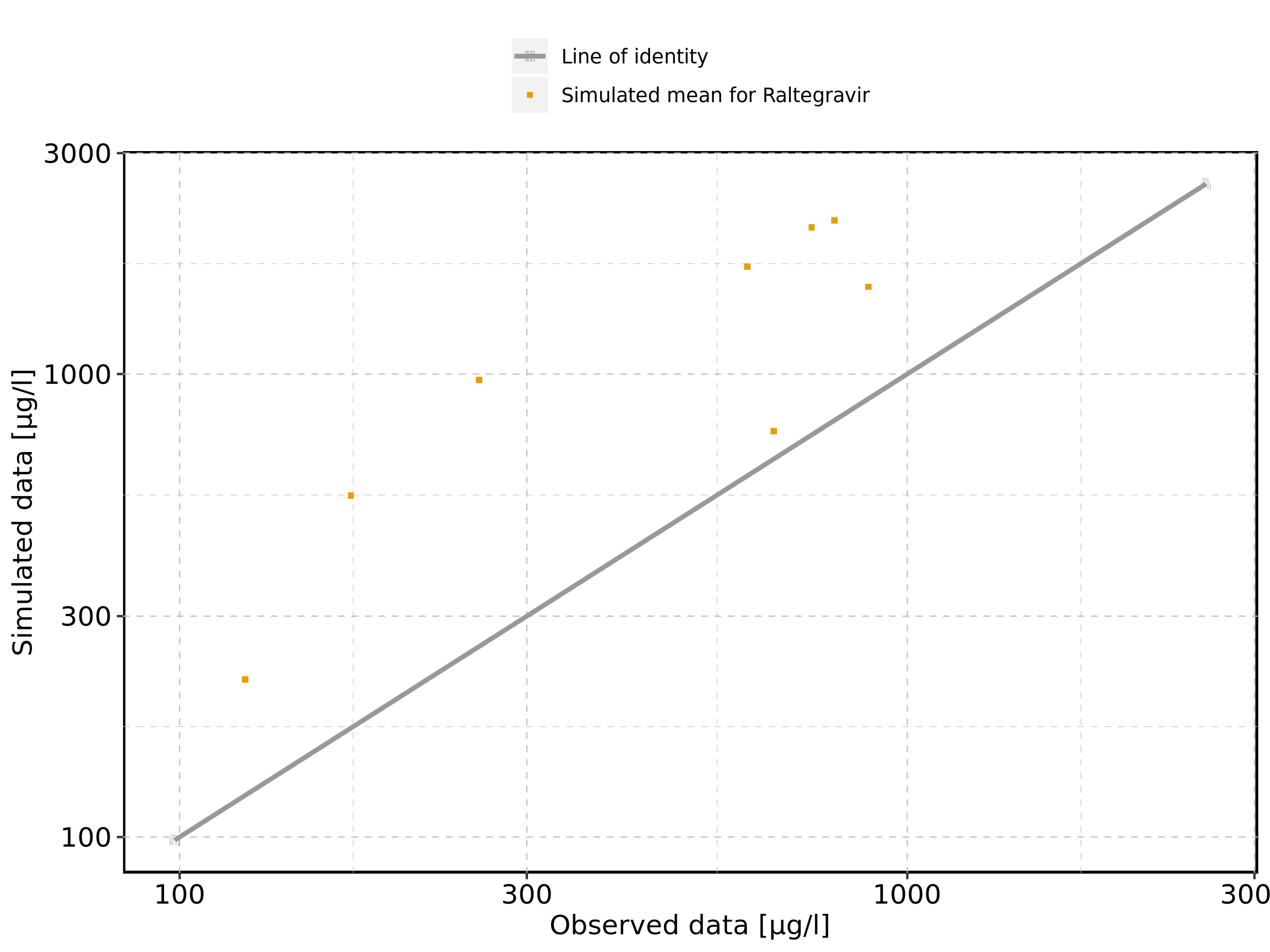


Figure 5: Logarithmic residuals vs predicted values of Larson 2013 8y-18y 400mg FCT meal for Larson 2013 8-18y meal. Data source: Data/Raltegravir\_PK.txt.

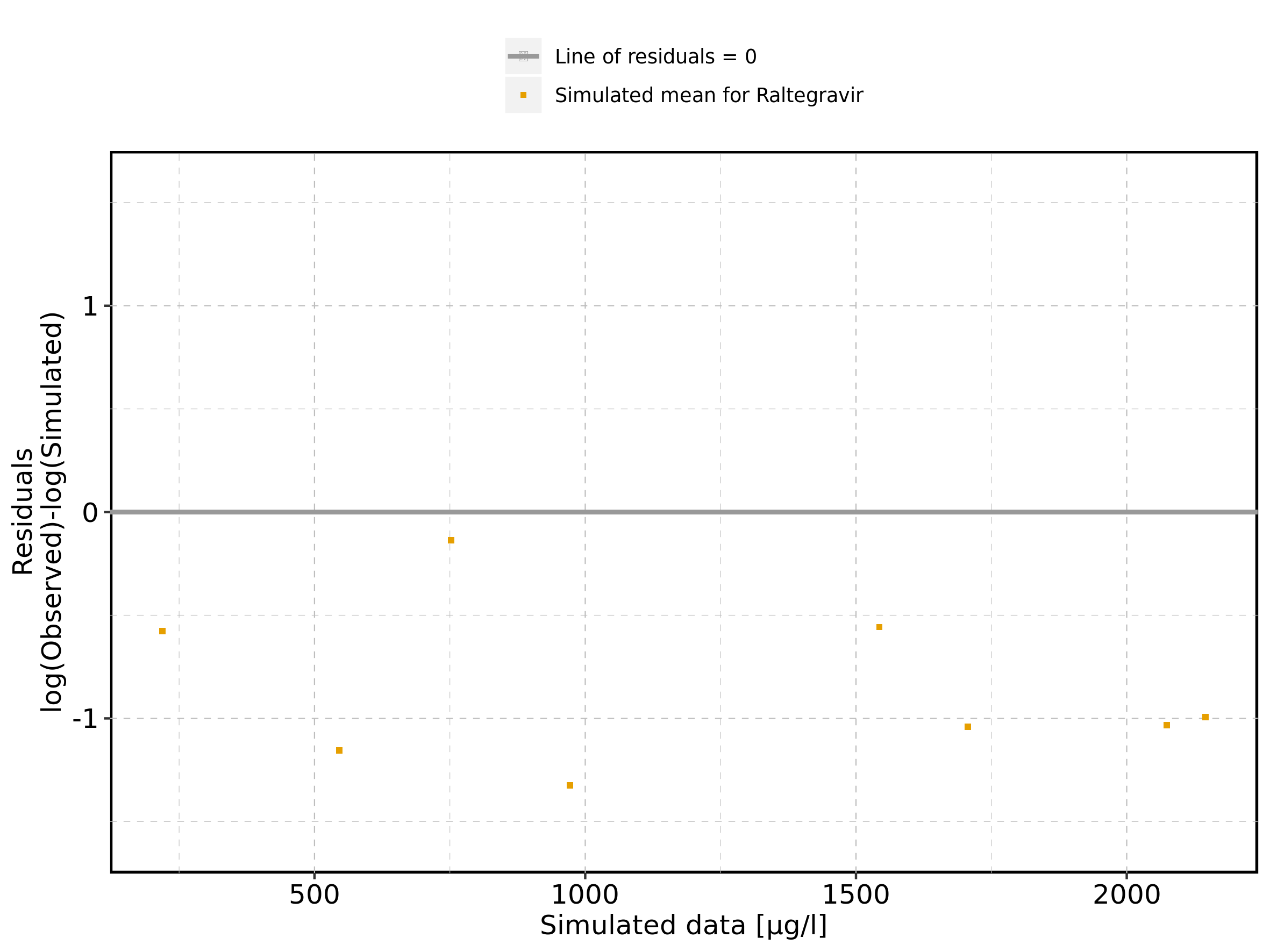


Figure 6: Logarithmic residuals vs time of Larson 2013 8y-18y 400mg FCT meal for Larson 2013 8-18y meal. Data source: Data/Raltegravir\_PK.txt.

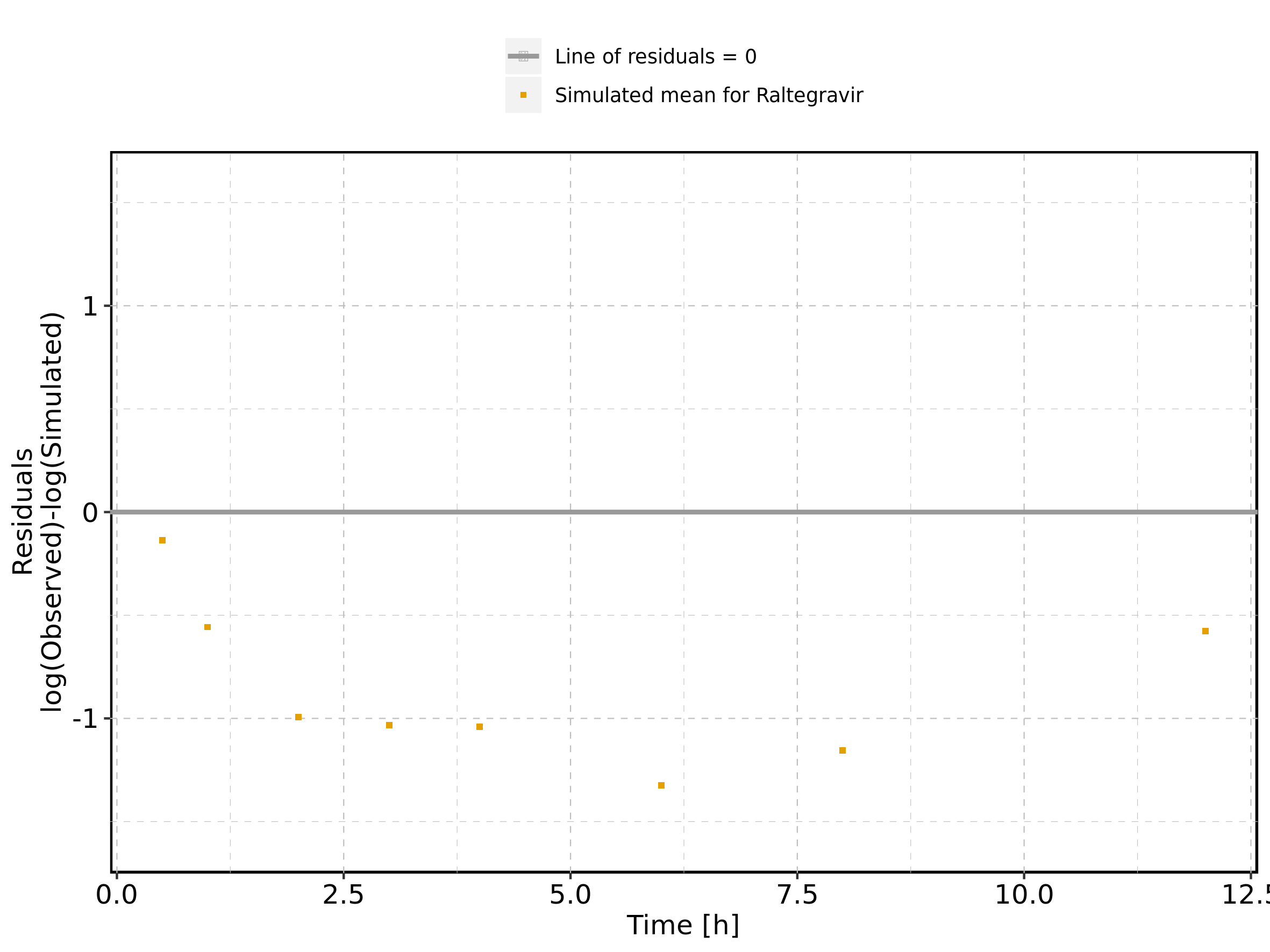


Figure 7: Logarithmic residuals distribution of Larson 2013 8y-18y 400mg FCT meal for Larson 2013 8-18y meal. Data source: Data/Raltegravir\_PK.txt.

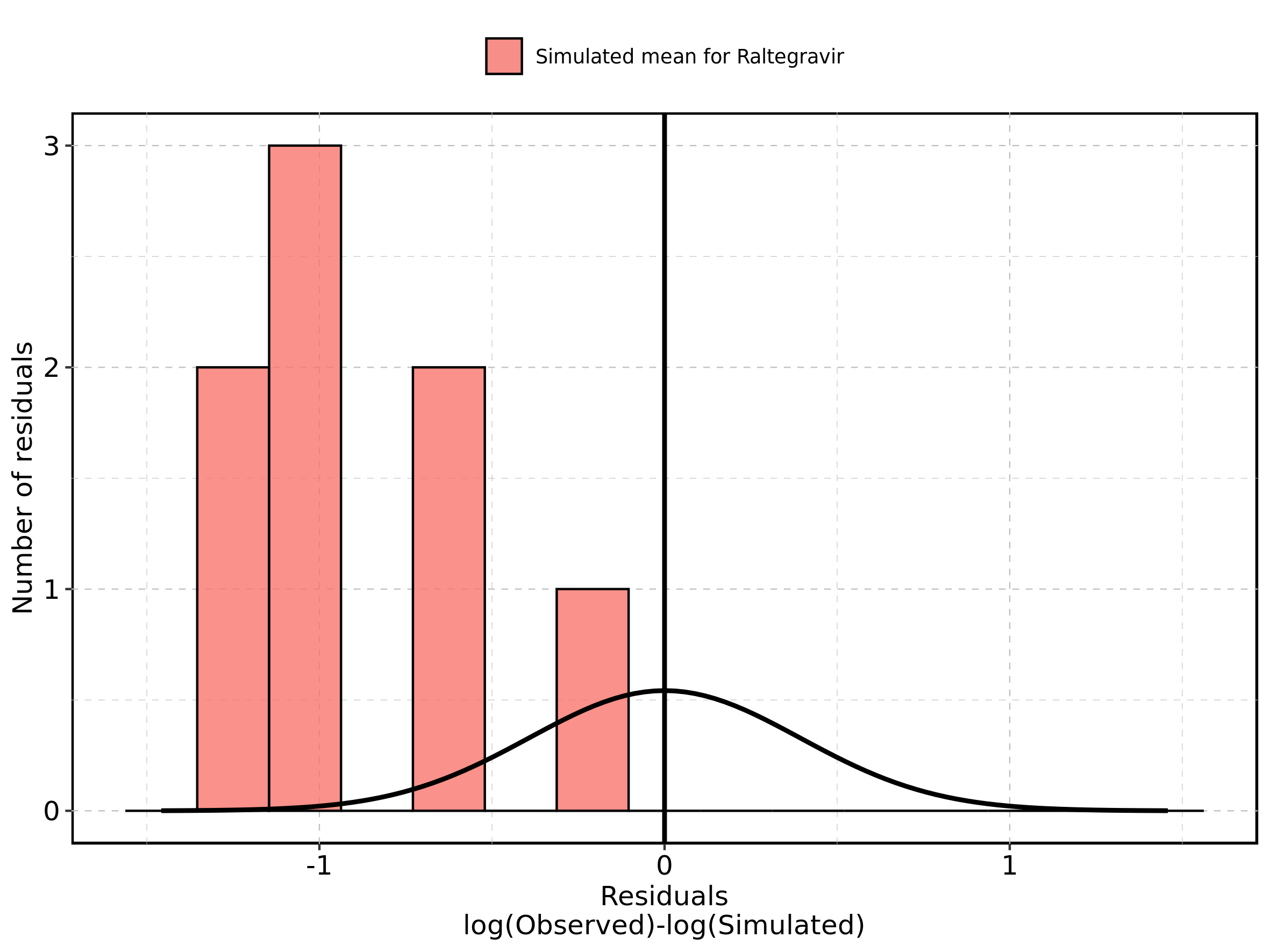
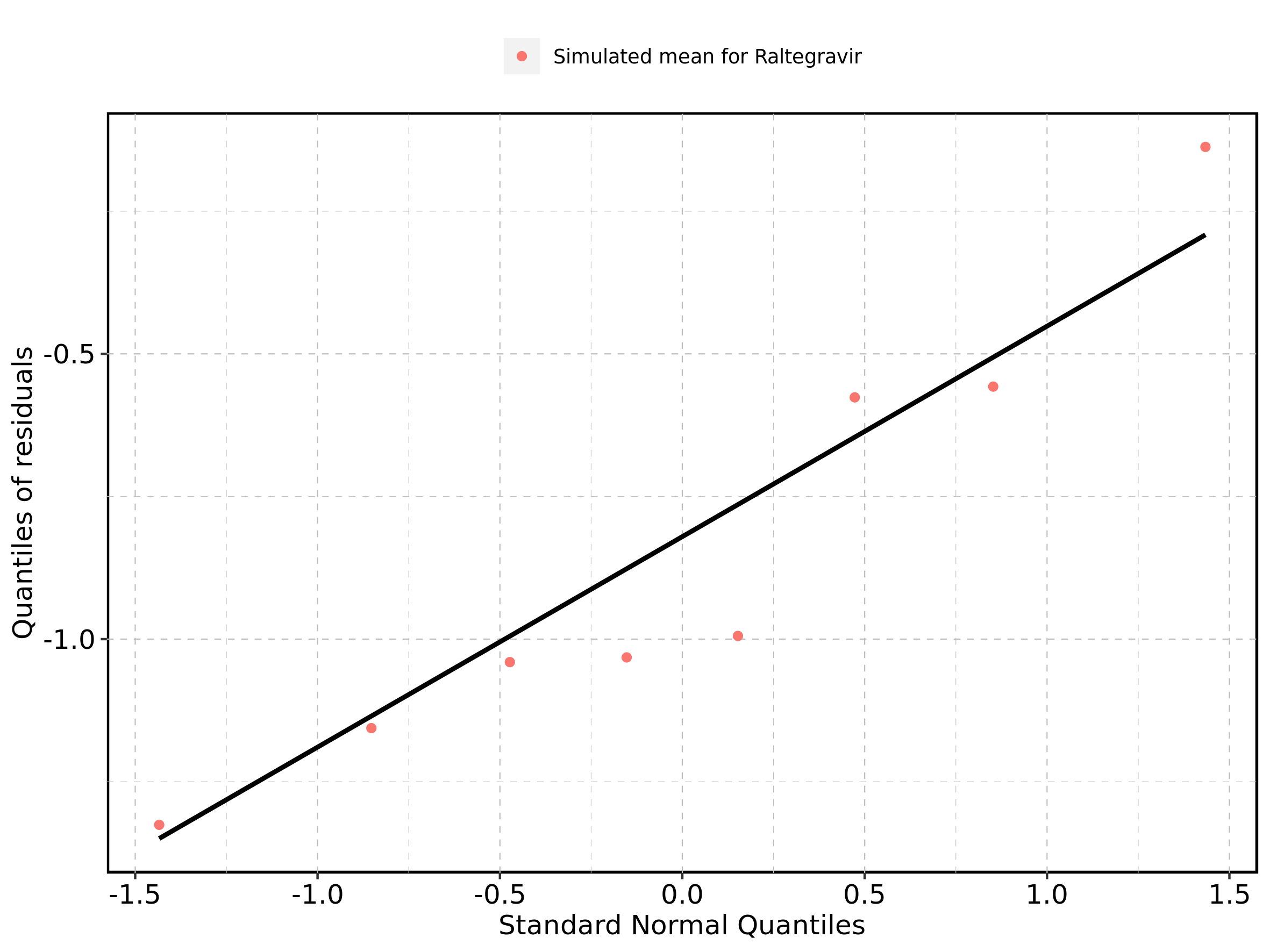


Figure 8: Logarithmic residuals of Larson 2013 8y-18y 400mg FCT meal for Larson 2013 8-18y meal as quantile-quantile plot. Data source: Data/Raltegravir\_PK.txt.



## 2.2. Time profiles and residual plots for Filmcoated\_tablet\_400mg\_sd

Figure 9: Time profiles of Filmcoated\_tablet\_400mg\_sd for Raltegravir 400mg filmcoated tablet. Data source: Data/Raltegravir\_PK.txt. Time profiles are plotted in a linear scale.

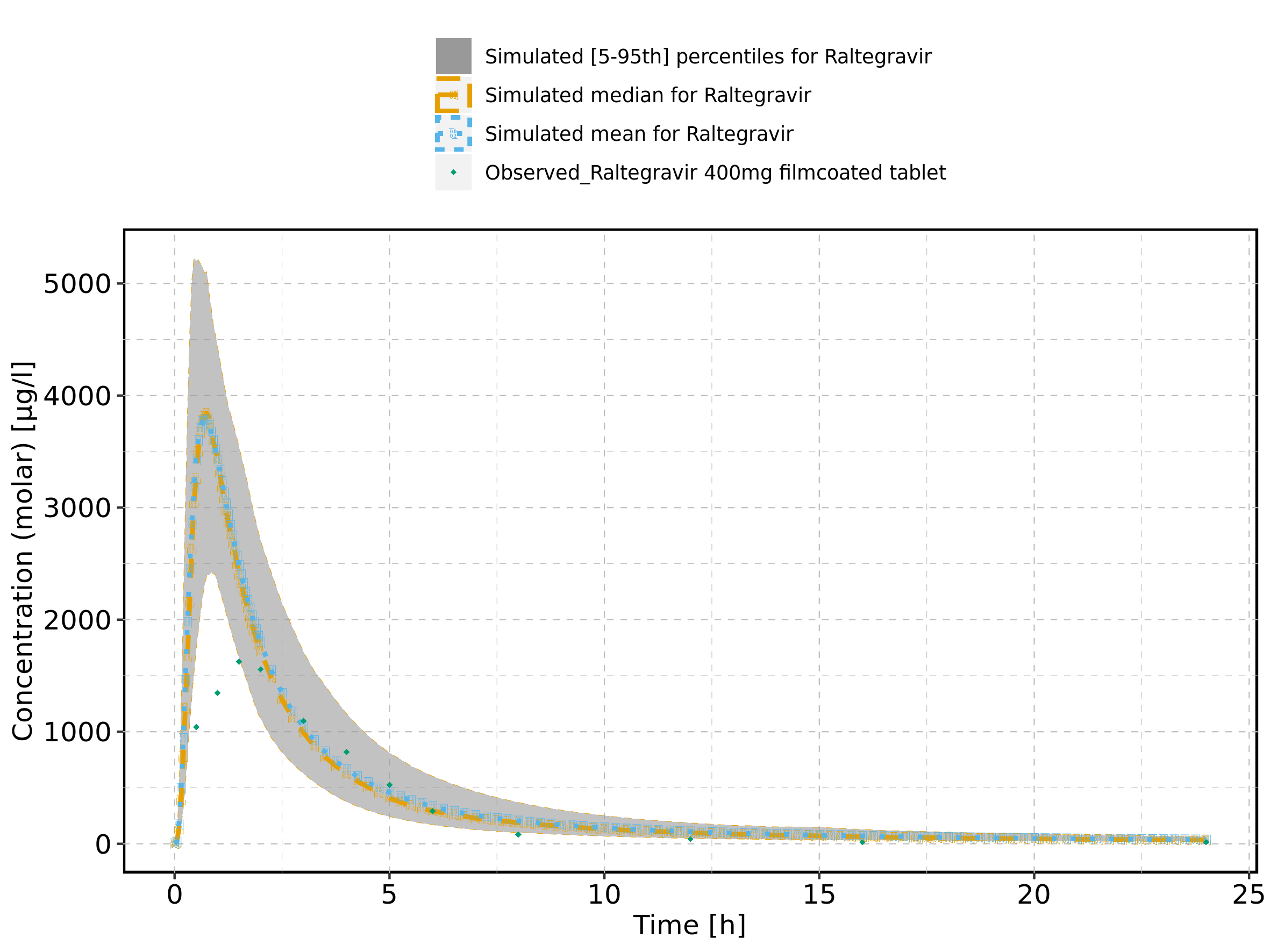


Figure 10: Time profiles of Filmcoated\_tablet\_400mg\_sd for Raltegravir 400mg filmcoated tablet. Data source: Data/Raltegravir\_PK.txt. Time profiles are plotted in a logarithmic scale.

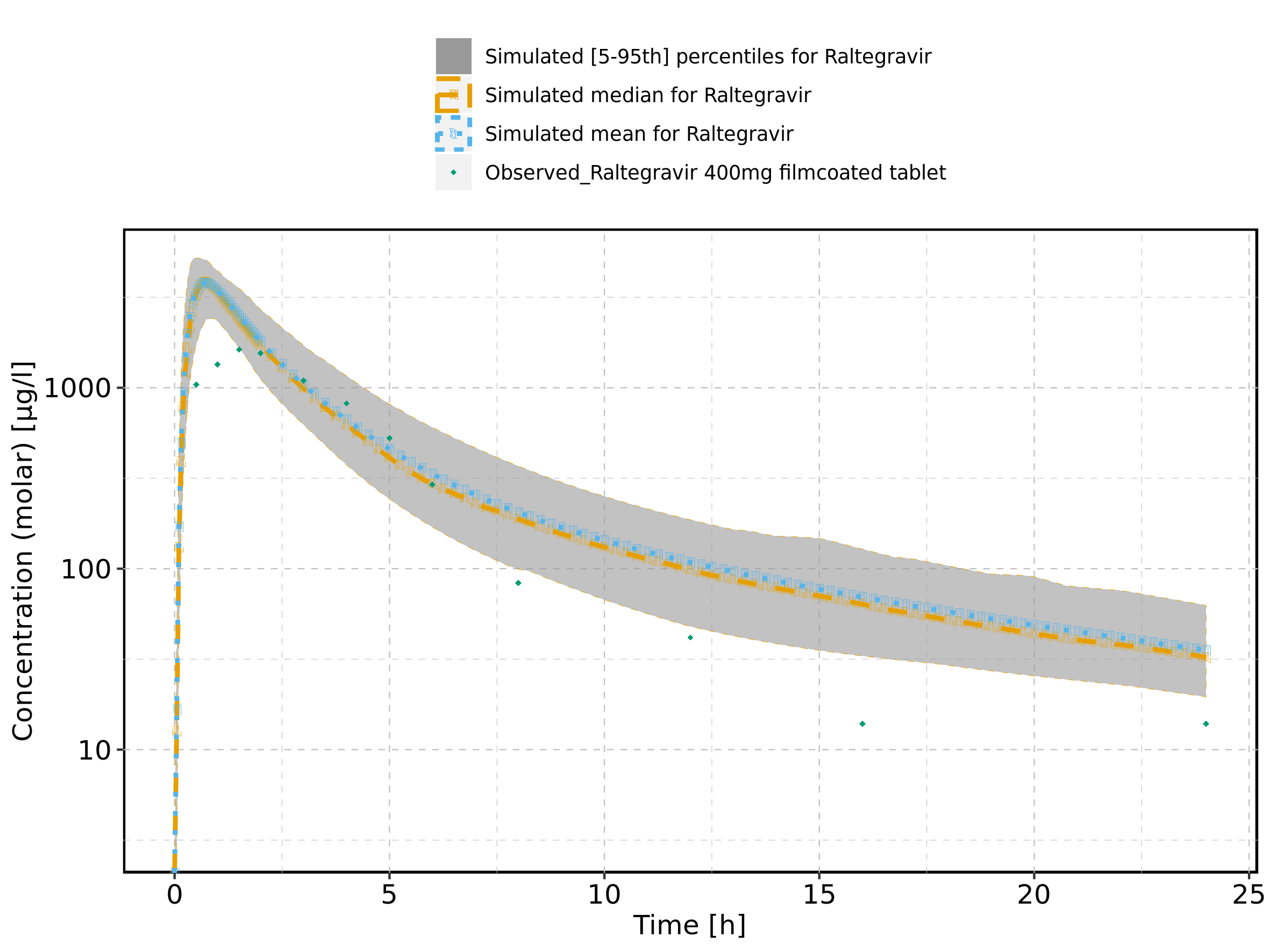


Figure 11: Predicted vs observed of Filmcoated\_tablet\_400mg\_sd for Raltegravir 400mg filmcoated tablet. Data source: Data/Raltegravir\_PK.txt. Predictions and observations are plotted in a linear scale.

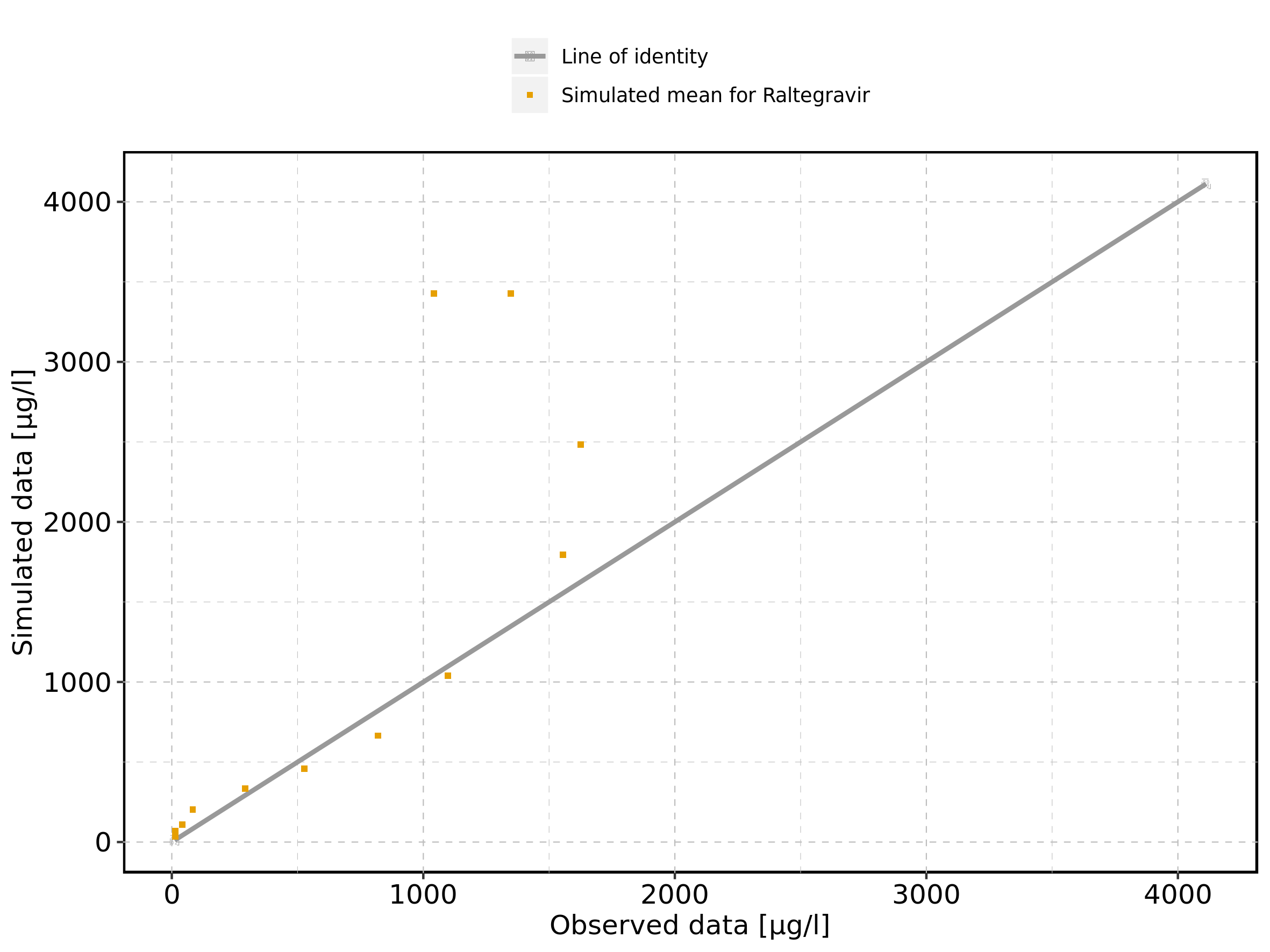


Figure 12: Predicted vs observed of Filmcoated\_tablet\_400mg\_sd for Raltegravir 400mg filmcoated tablet. Data source: Data/Raltegravir\_PK.txt. Predictions and observations are plotted in a logarithmic scale.

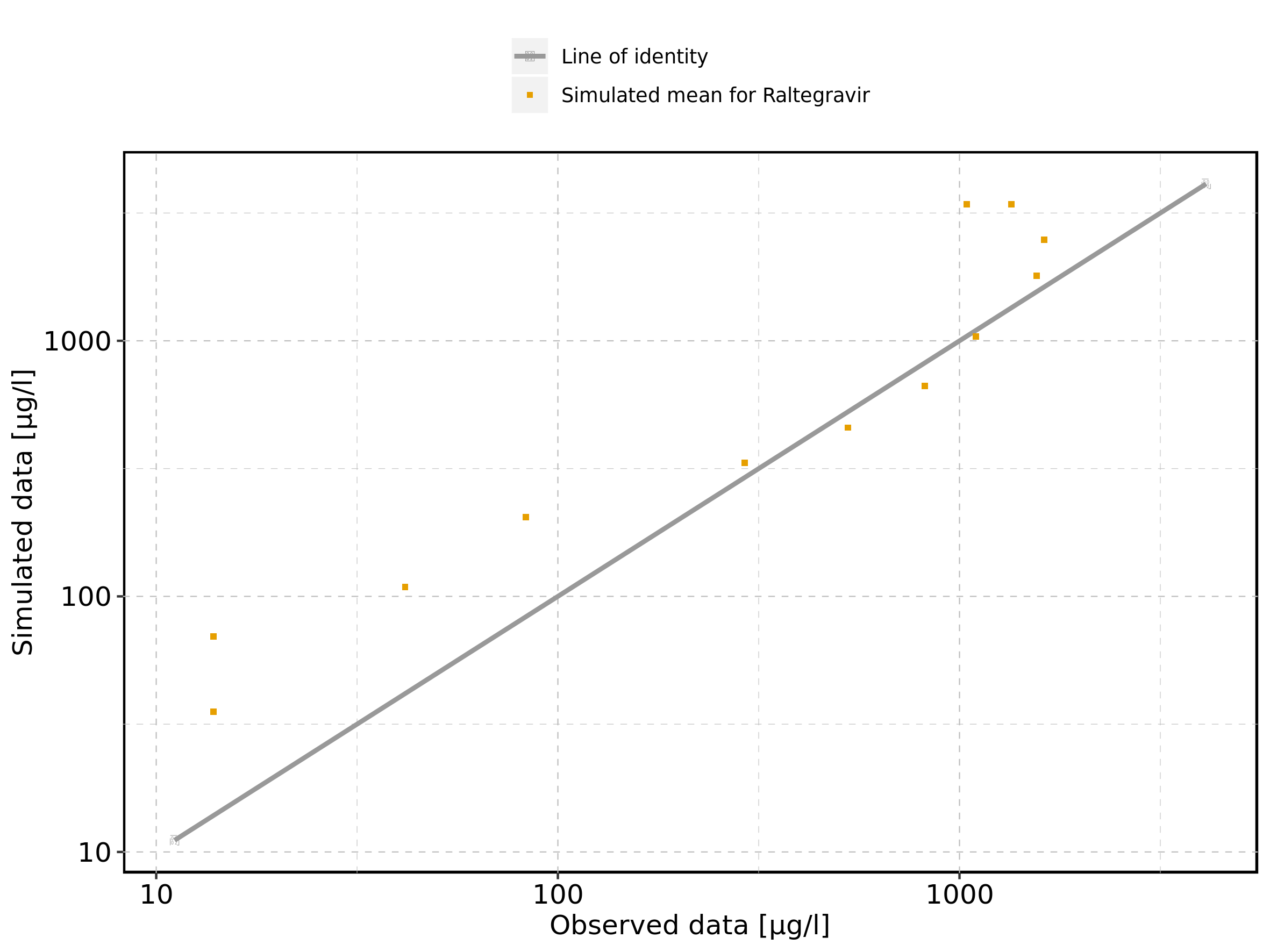


Figure 13: Logarithmic residuals vs predicted values of Filmcoated\_tablet\_400mg\_sd for Raltegravir 400mg filmcoated tablet. Data source: Data/Raltegravir\_PK.txt.

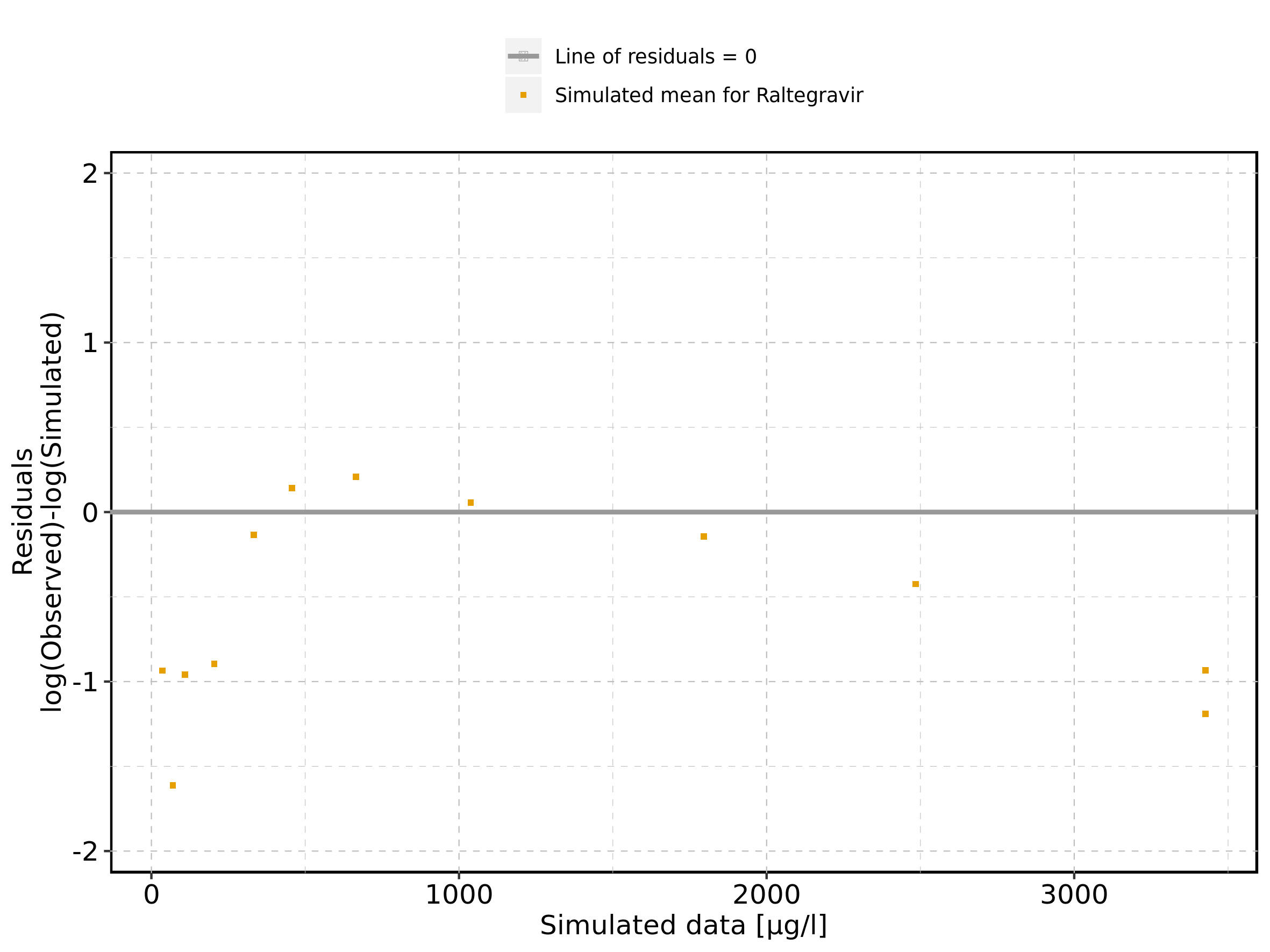


Figure 14: Logarithmic residuals vs time of Filmcoated\_tablet\_400mg\_sd for Raltegravir 400mg filmcoated tablet. Data source: Data/Raltegravir\_PK.txt.

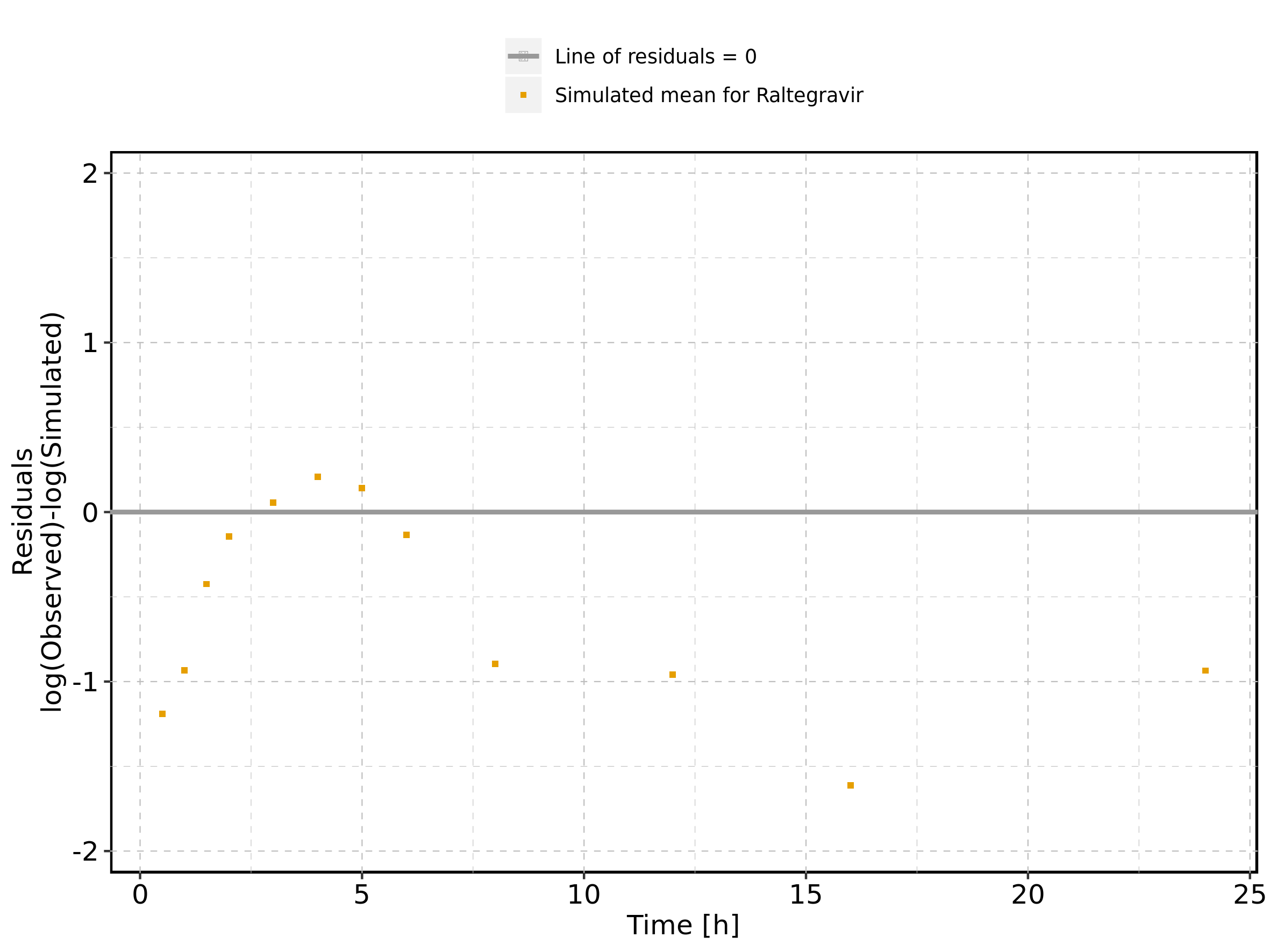


Figure 15: Logarithmic residuals distribution of Filmcoated\_tablet\_400mg\_sd for Raltegravir 400mg filmcoated tablet. Data source: Data/Raltegravir\_PK.txt.

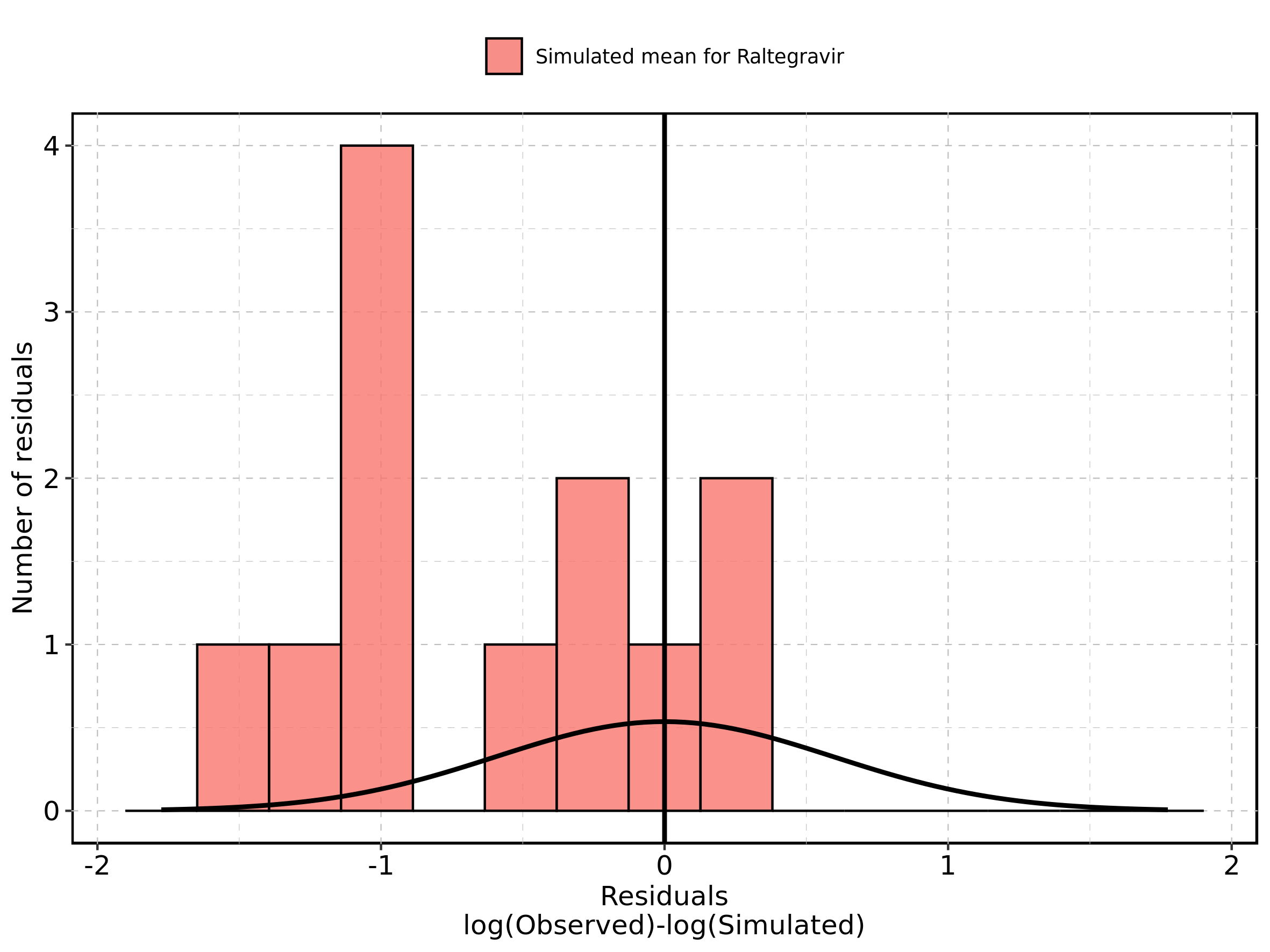
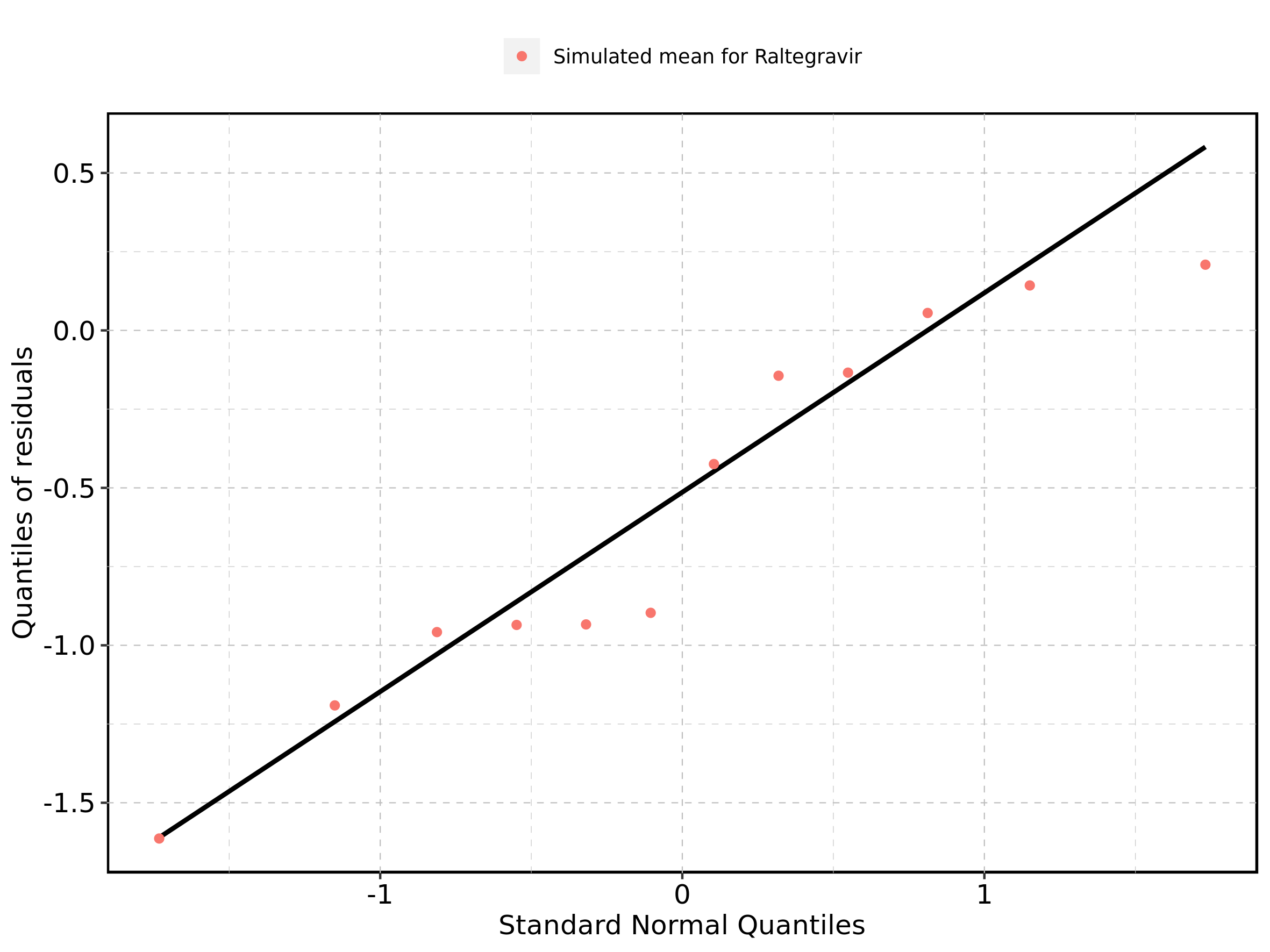


Figure 16: Logarithmic residuals of Filmcoated\_tablet\_400mg\_sd for Raltegravir 400mg filmcoated tablet as quantile-quantile plot. Data source: Data/Raltegravir\_PK.txt.



## 2.3. Residuals across all simulations

Figure 17: Distribution of residuals for Larson 2013 8y-18y 400mg FCT meal, Filmcoated\_tablet\_400mg\_sd

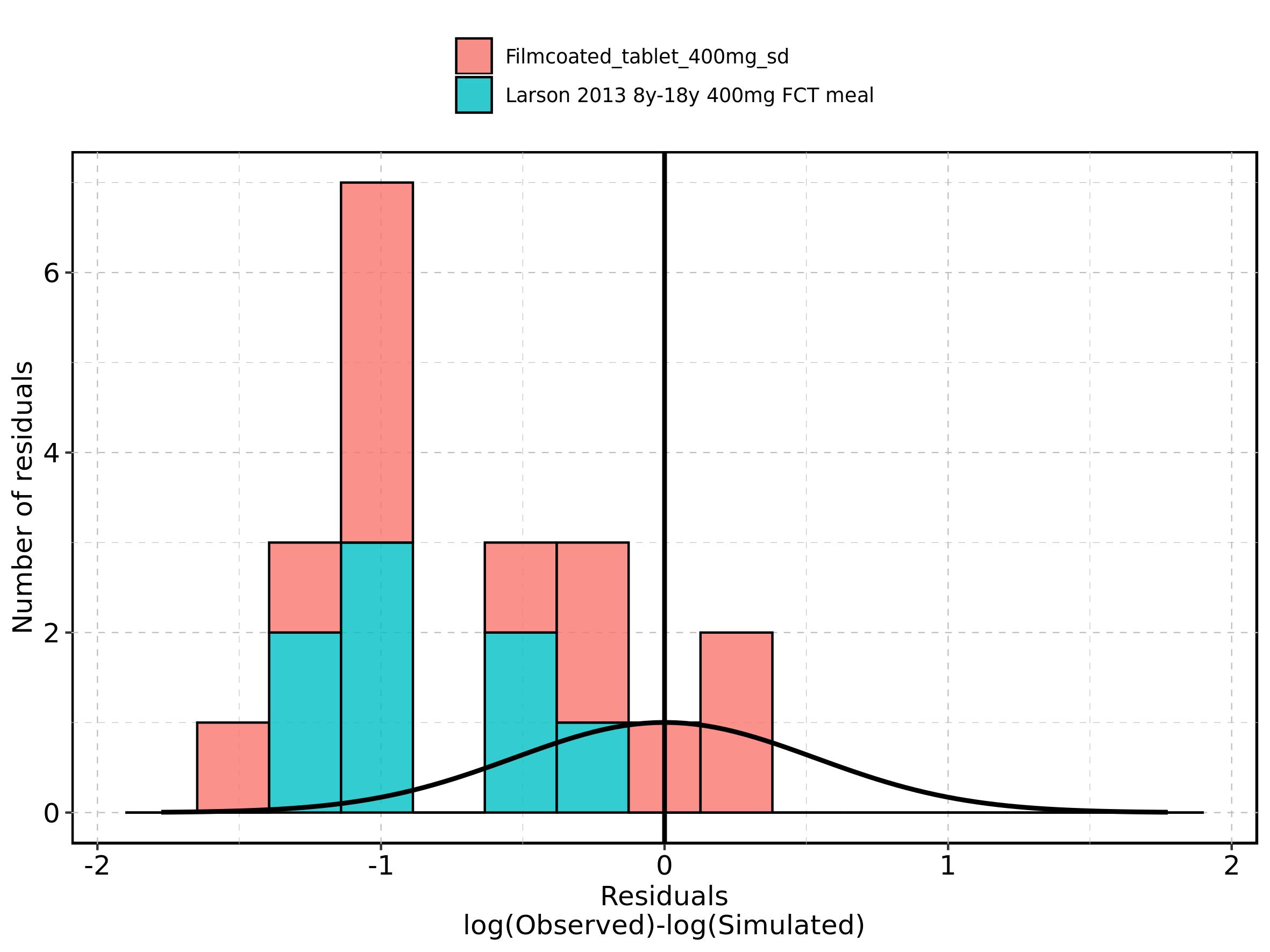
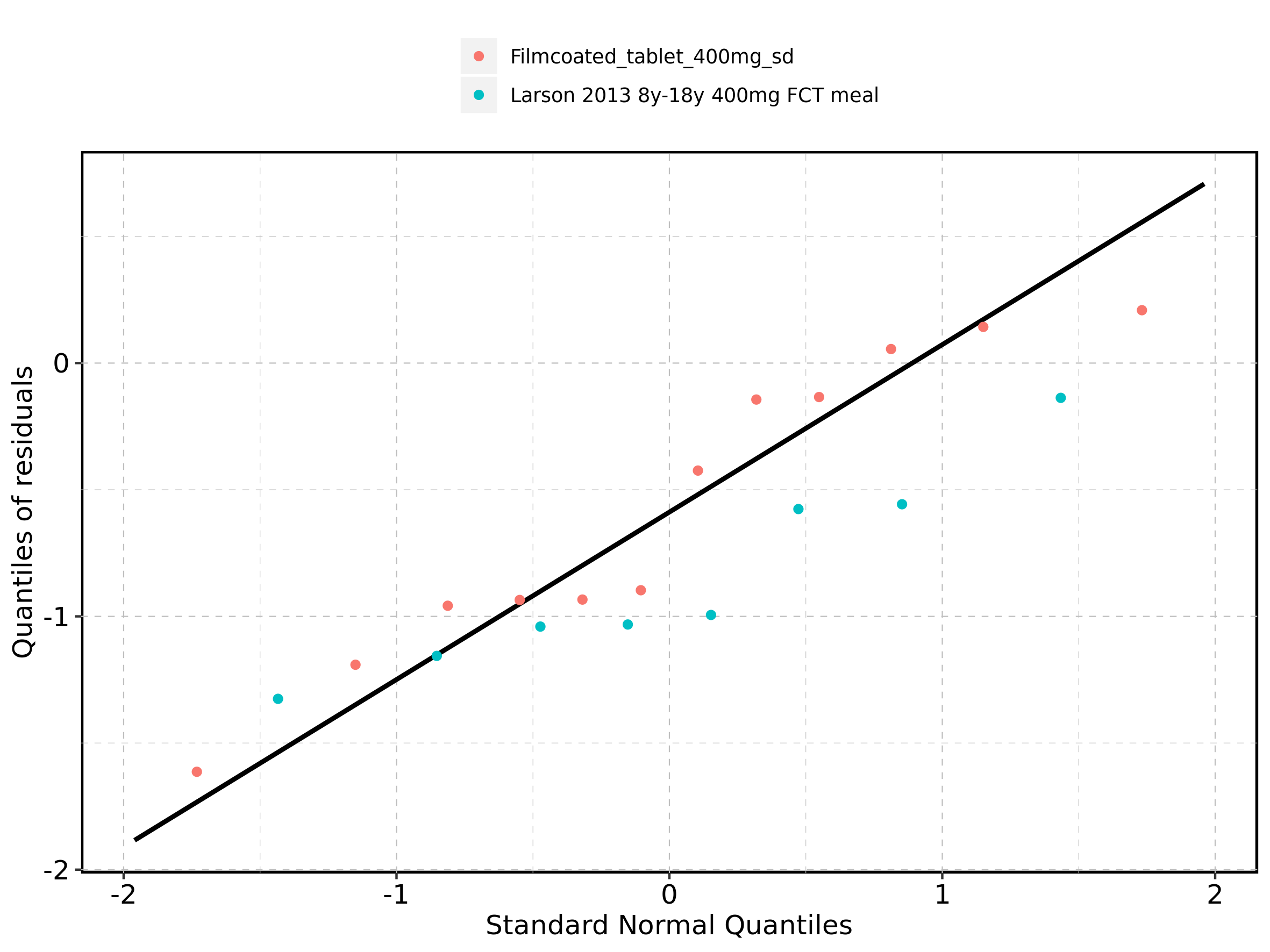


Figure 18: Residuals for Larson 2013 8y-18y 400mg FCT meal, Filmcoated\_tablet\_400mg\_sd as quantile-quantile plot.



# 3. Demography

Figure 19: Age-dependence of Height for Larson 2013 8y-18y 400mg FCT meal in comparison to Filmcoated\_tablet\_400mg\_sd. Profiles are plotted in a linear scale.

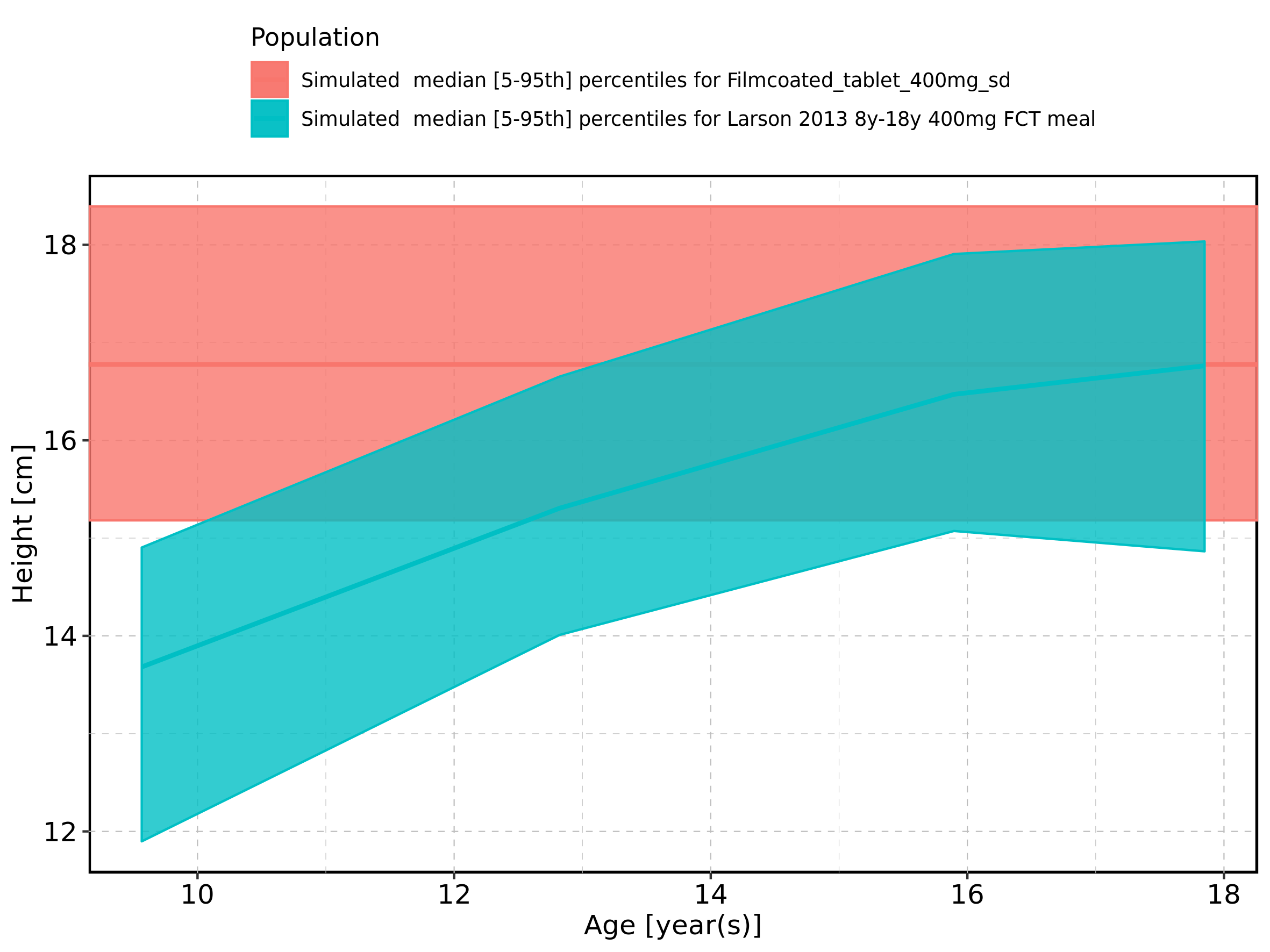


Figure 20: Age-dependence of Height for Larson 2013 8y-18y 400mg FCT meal in comparison to Filmcoated\_tablet\_400mg\_sd. Profiles are plotted in a logarithmic scale.

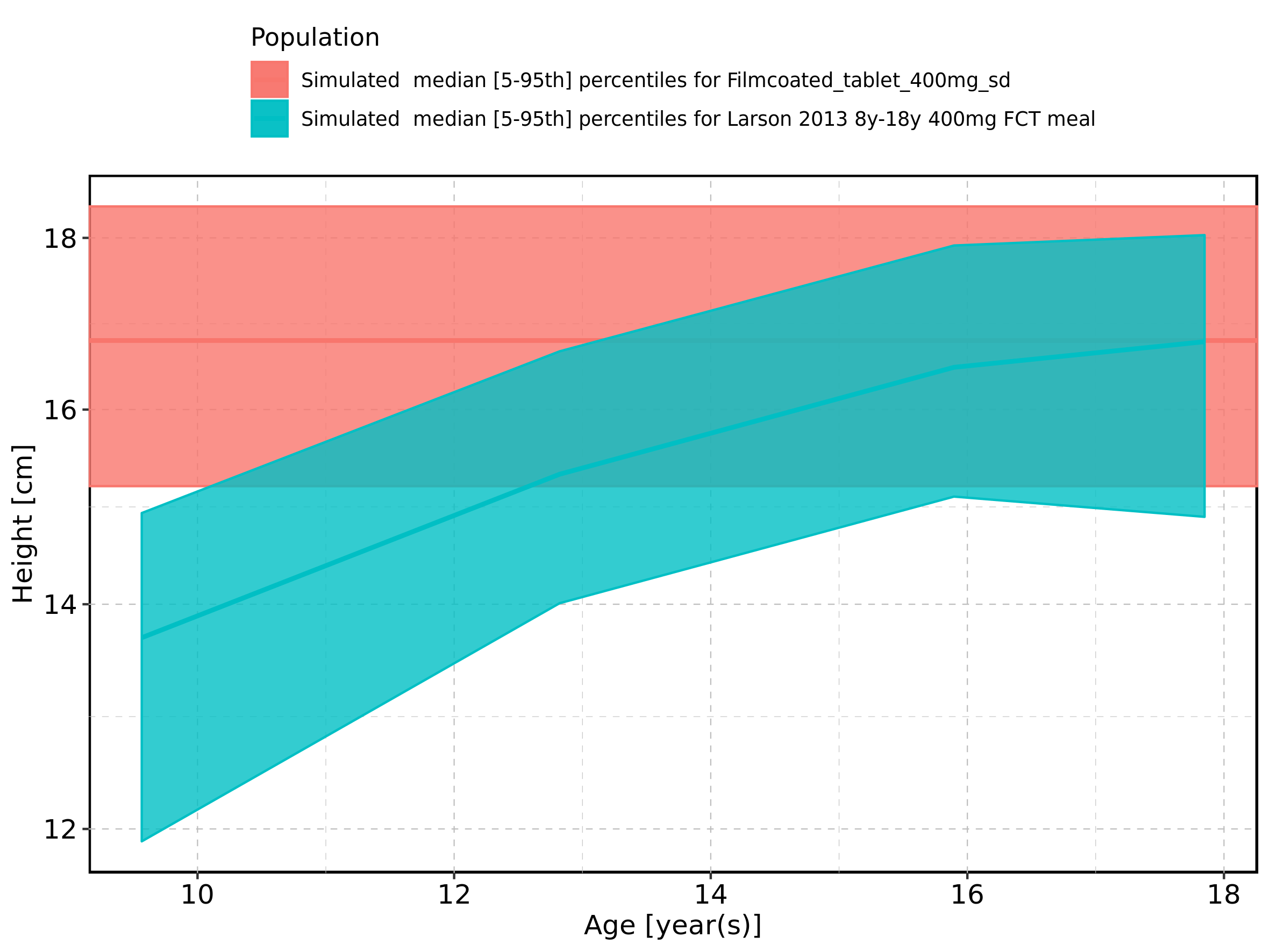


Figure 21: Age-dependence of Height for Larson 2013 8y-18y 400mg FCT meal. Profiles are plotted in a linear scale.



Figure 22: Age-dependence of Height for Larson 2013 8y-18y 400mg FCT meal. Profiles are plotted in a logarithmic scale.

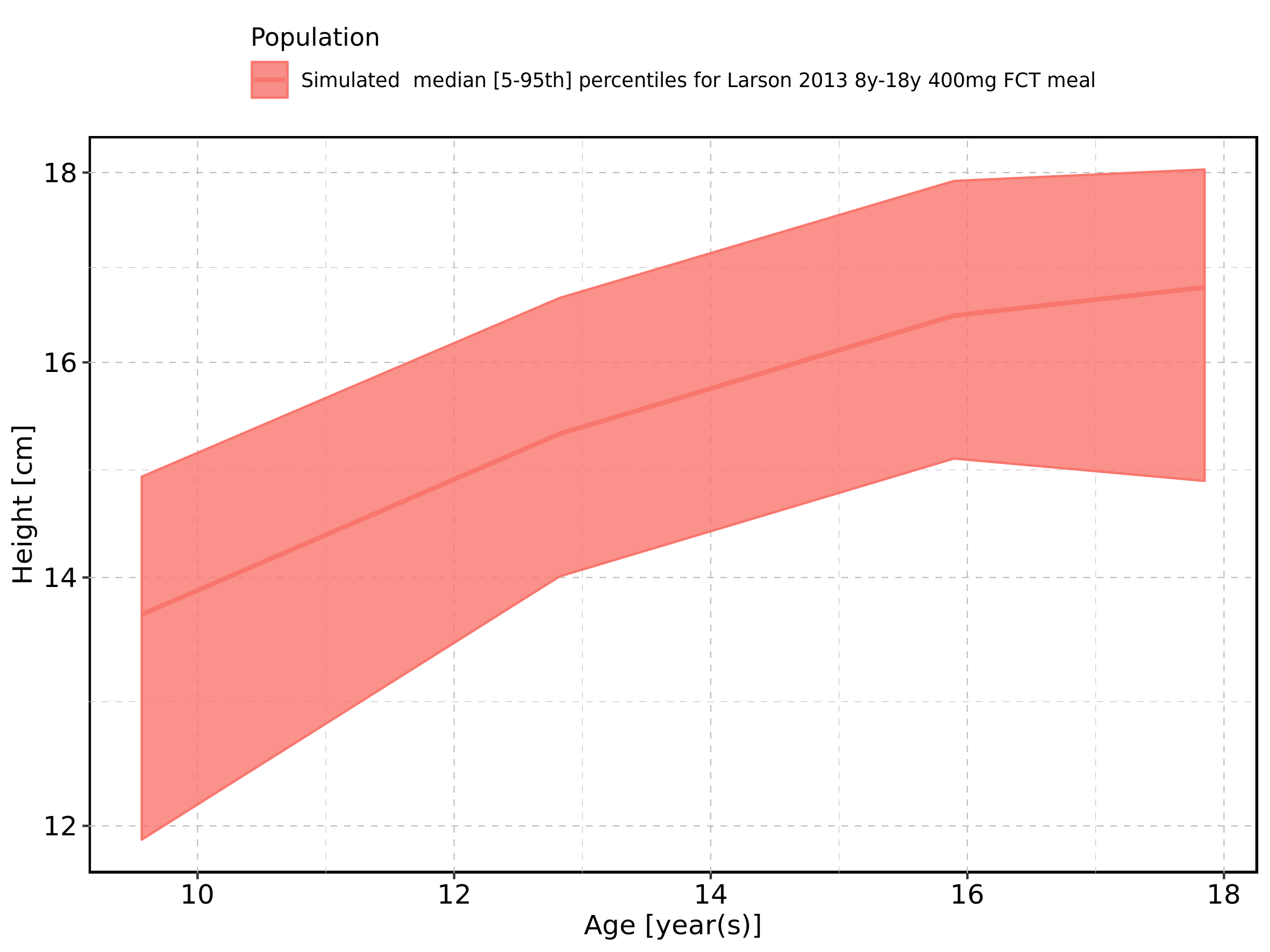


Figure 23: Age-dependence of Height for Filmcoated\_tablet\_400mg\_sd. Profiles are plotted in a linear scale.



Figure 24: Age-dependence of Height for Filmcoated\_tablet\_400mg\_sd. Profiles are plotted in a logarithmic scale.

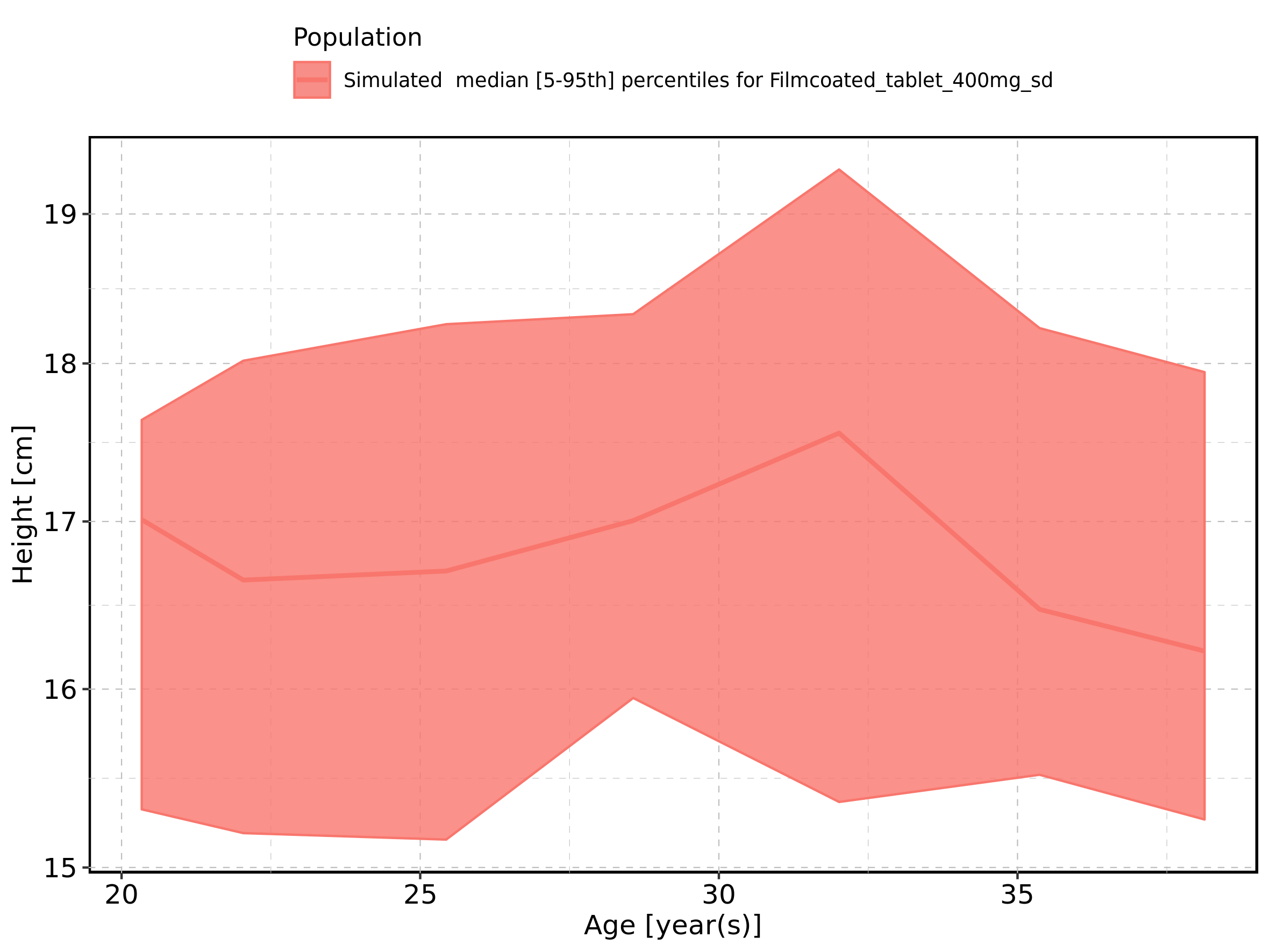


Figure 25: Age-dependence of Weight for Larson 2013 8y-18y 400mg FCT meal in comparison to Filmcoated\_tablet\_400mg\_sd. Profiles are plotted in a linear scale.

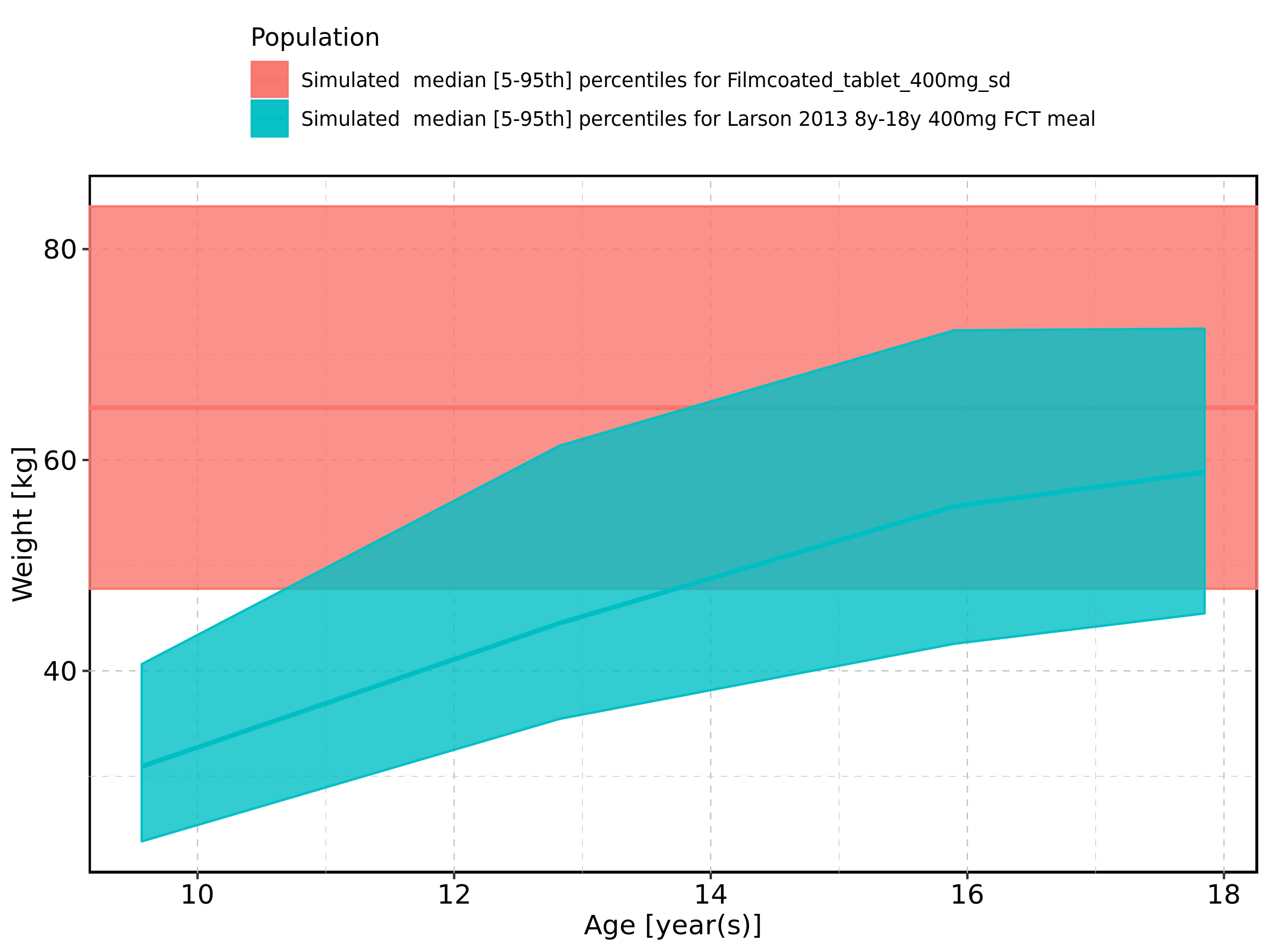


Figure 26: Age-dependence of Weight for Larson 2013 8y-18y 400mg FCT meal in comparison to Filmcoated\_tablet\_400mg\_sd. Profiles are plotted in a logarithmic scale.

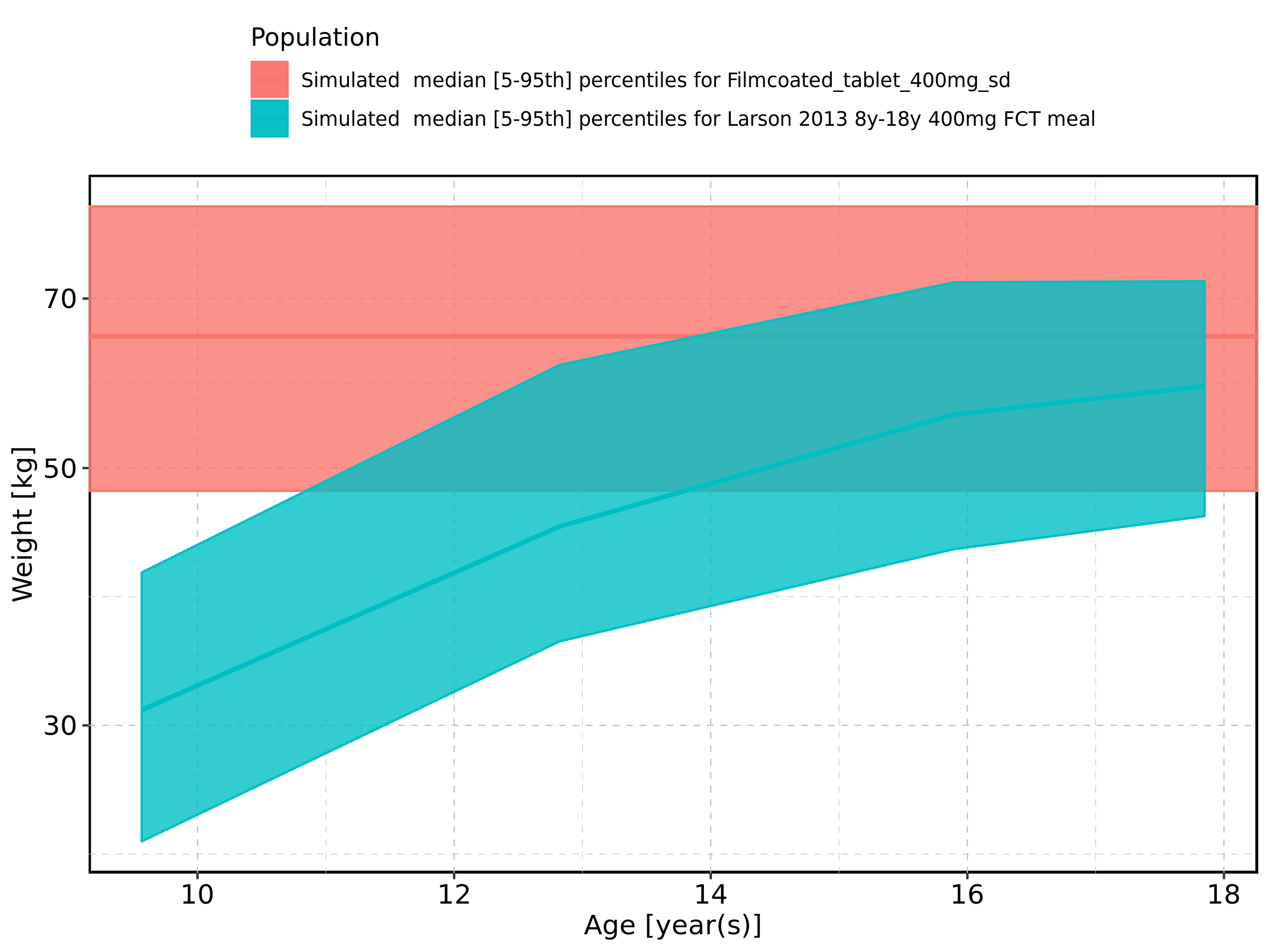


Figure 27: Age-dependence of Weight for Larson 2013 8y-18y 400mg FCT meal. Profiles are plotted in a linear scale.

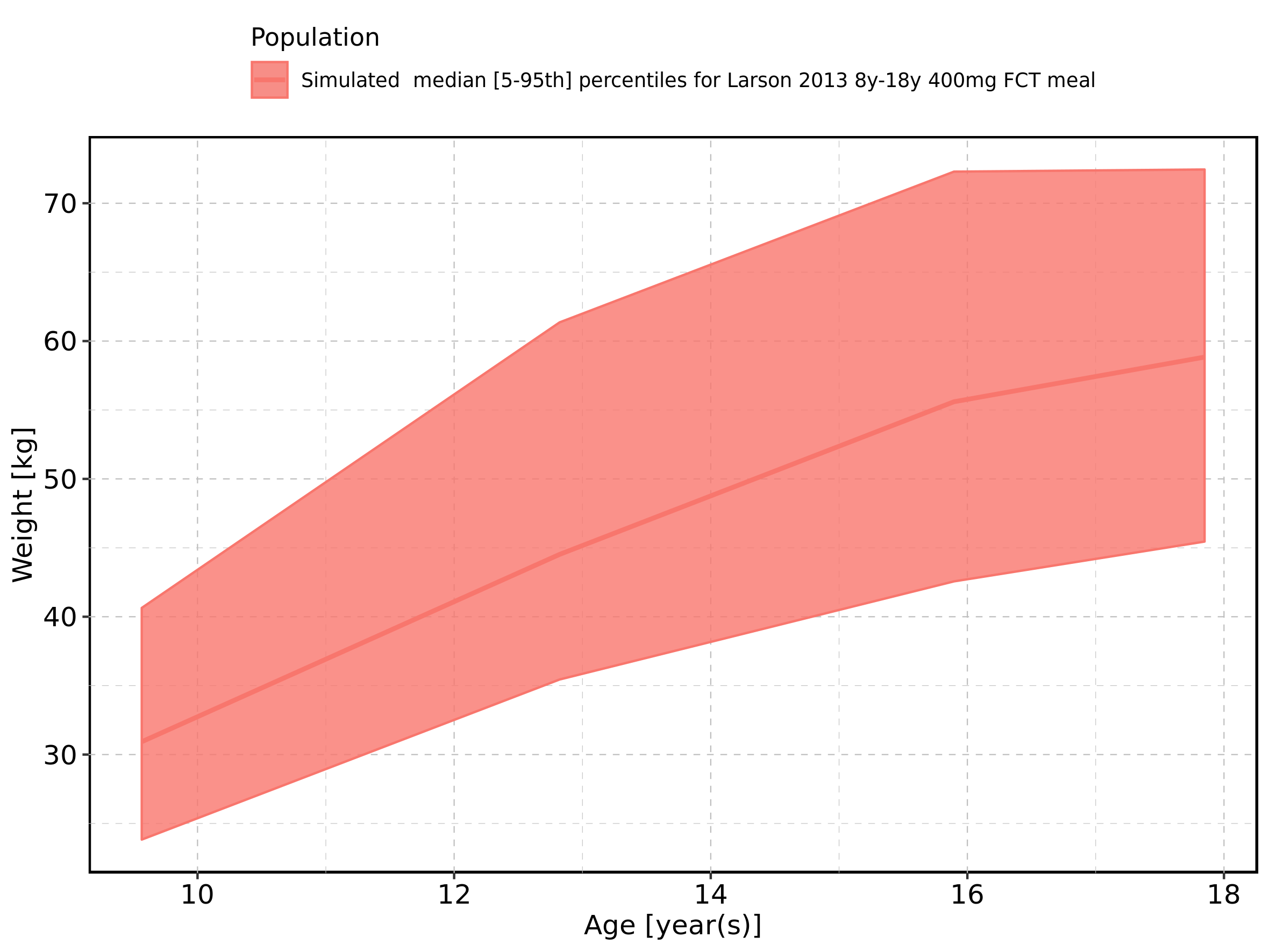


Figure 28: Age-dependence of Weight for Larson 2013 8y-18y 400mg FCT meal. Profiles are plotted in a logarithmic scale.

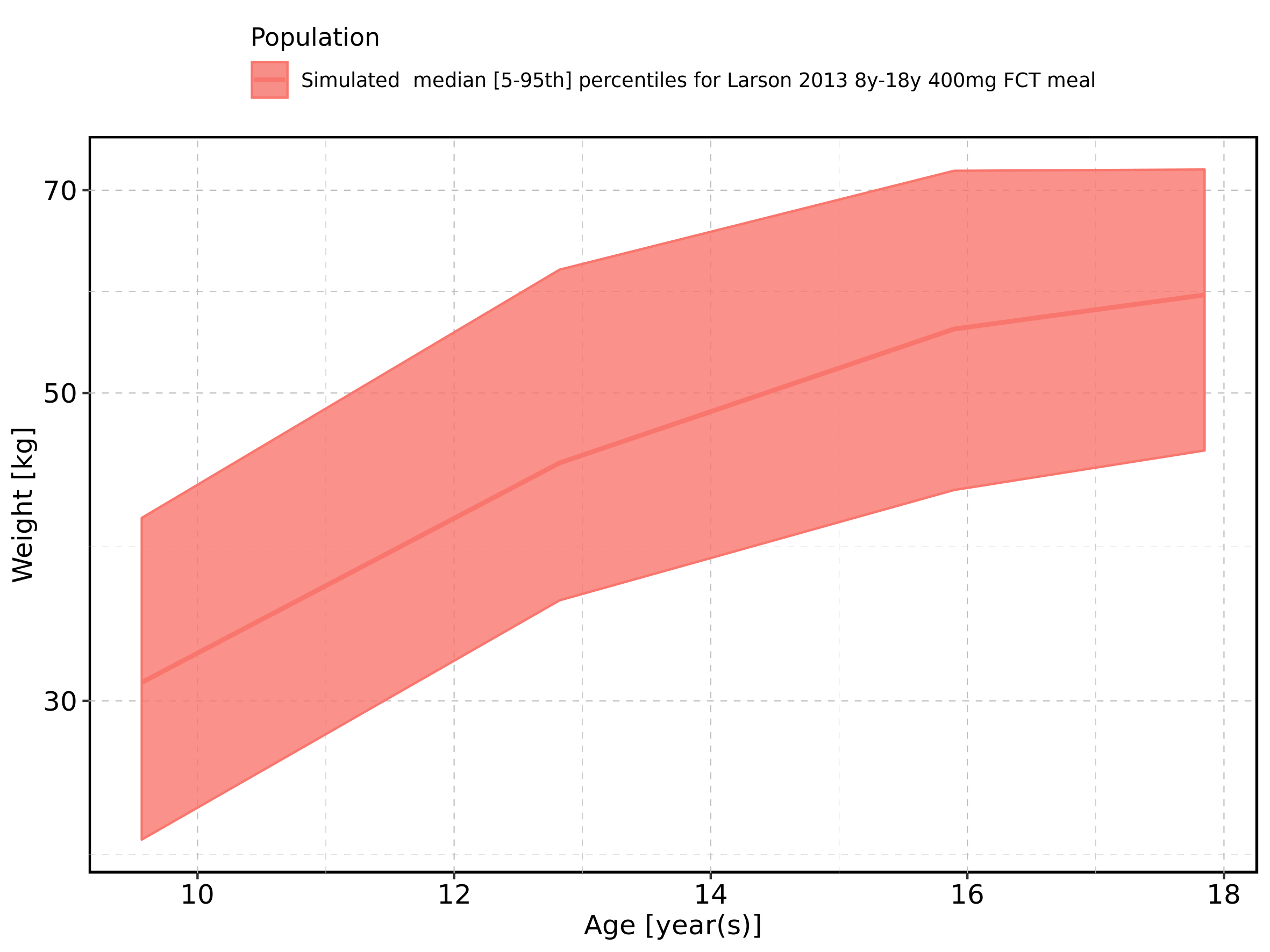


Figure 29: Age-dependence of Weight for Filmcoated\_tablet\_400mg\_sd. Profiles are plotted in a linear scale.

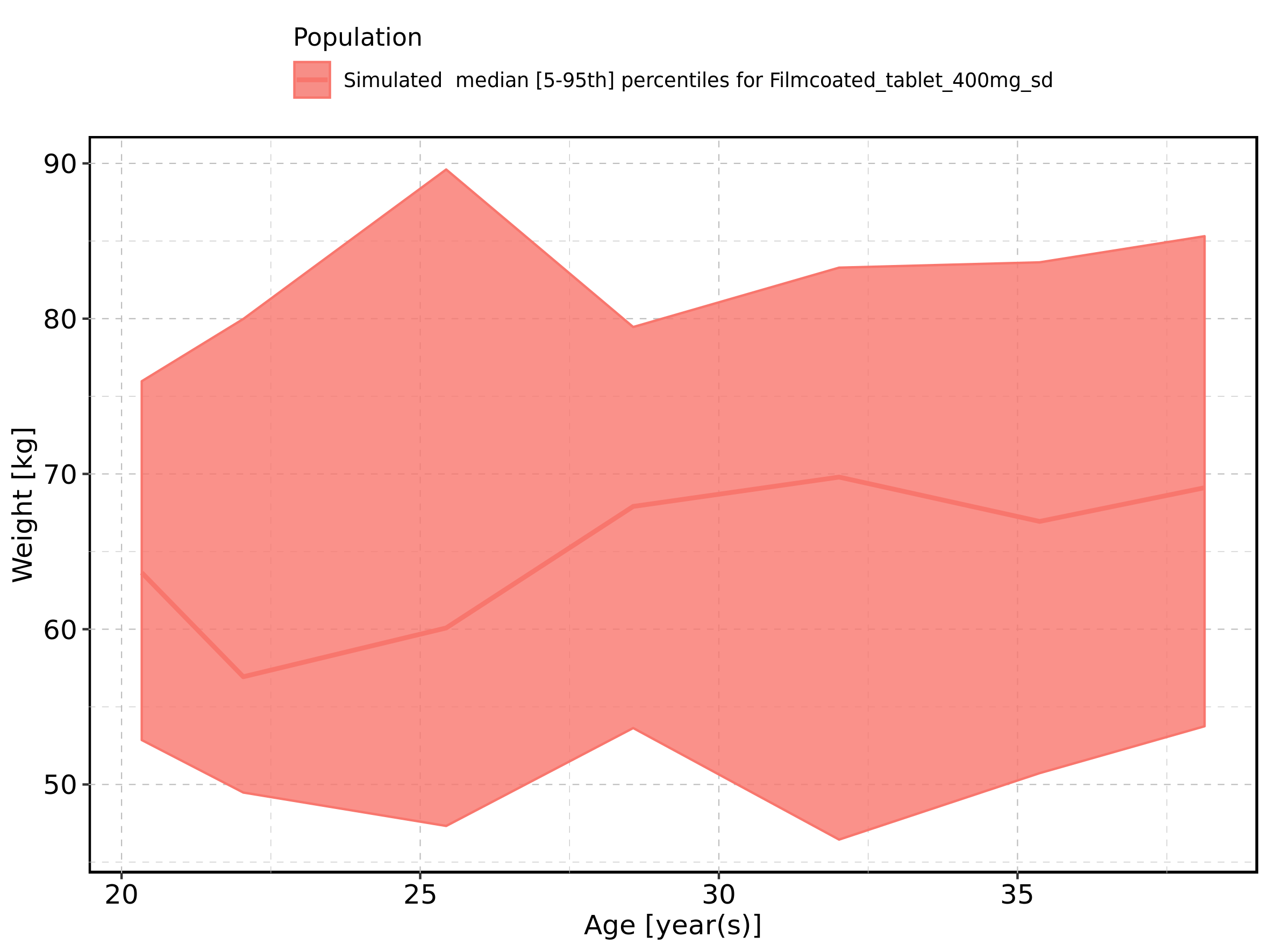


Figure 30: Age-dependence of Weight for Filmcoated\_tablet\_400mg\_sd. Profiles are plotted in a logarithmic scale.

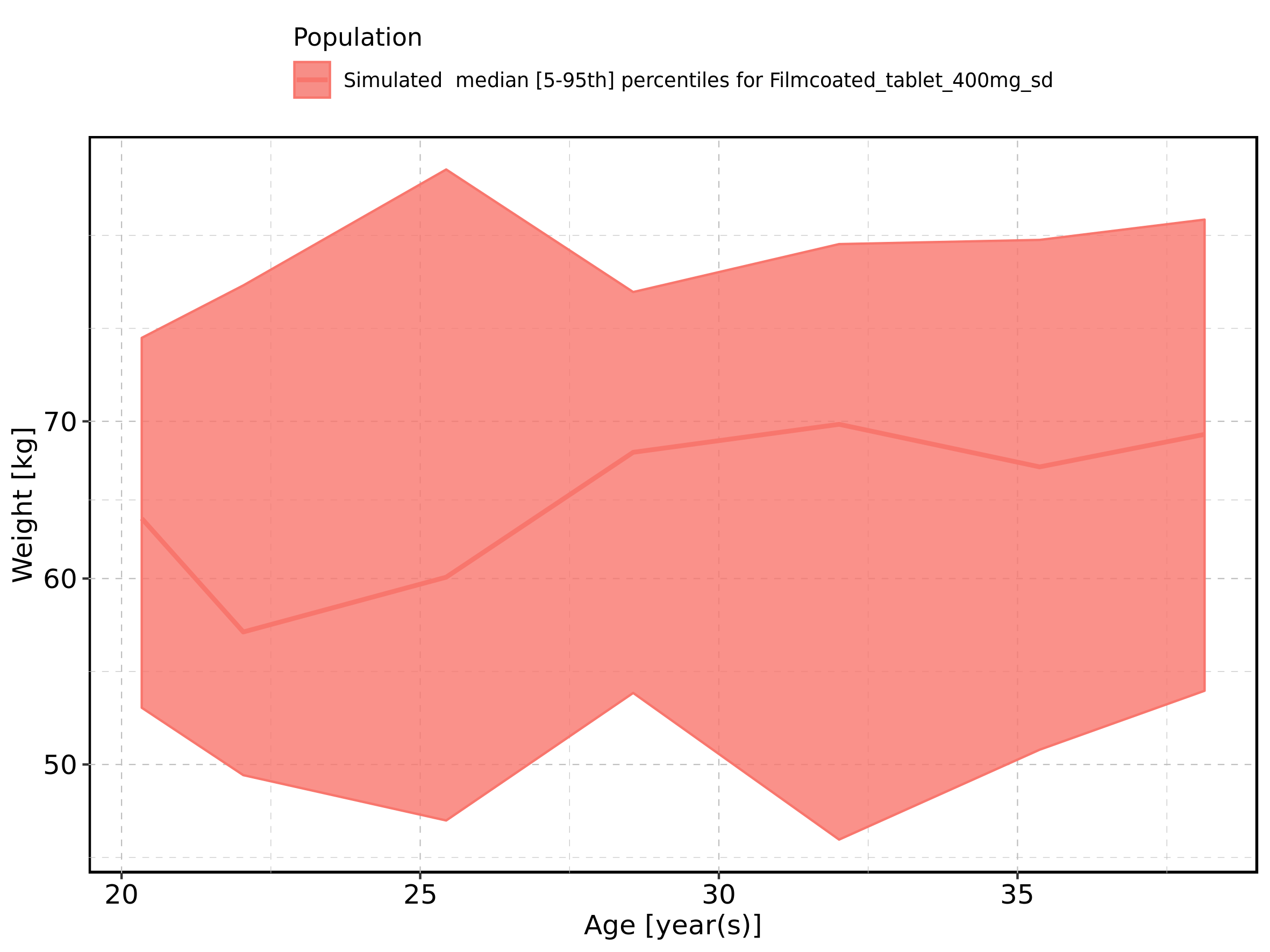


Figure 31: Age-dependence of BMI for Larson 2013 8y-18y 400mg FCT meal in comparison to Filmcoated\_tablet\_400mg\_sd. Profiles are plotted in a linear scale.



Figure 32: Age-dependence of BMI for Larson 2013 8y-18y 400mg FCT meal in comparison to Filmcoated\_tablet\_400mg\_sd. Profiles are plotted in a logarithmic scale.



Figure 33: Age-dependence of BMI for Larson 2013 8y-18y 400mg FCT meal. Profiles are plotted in a linear scale.

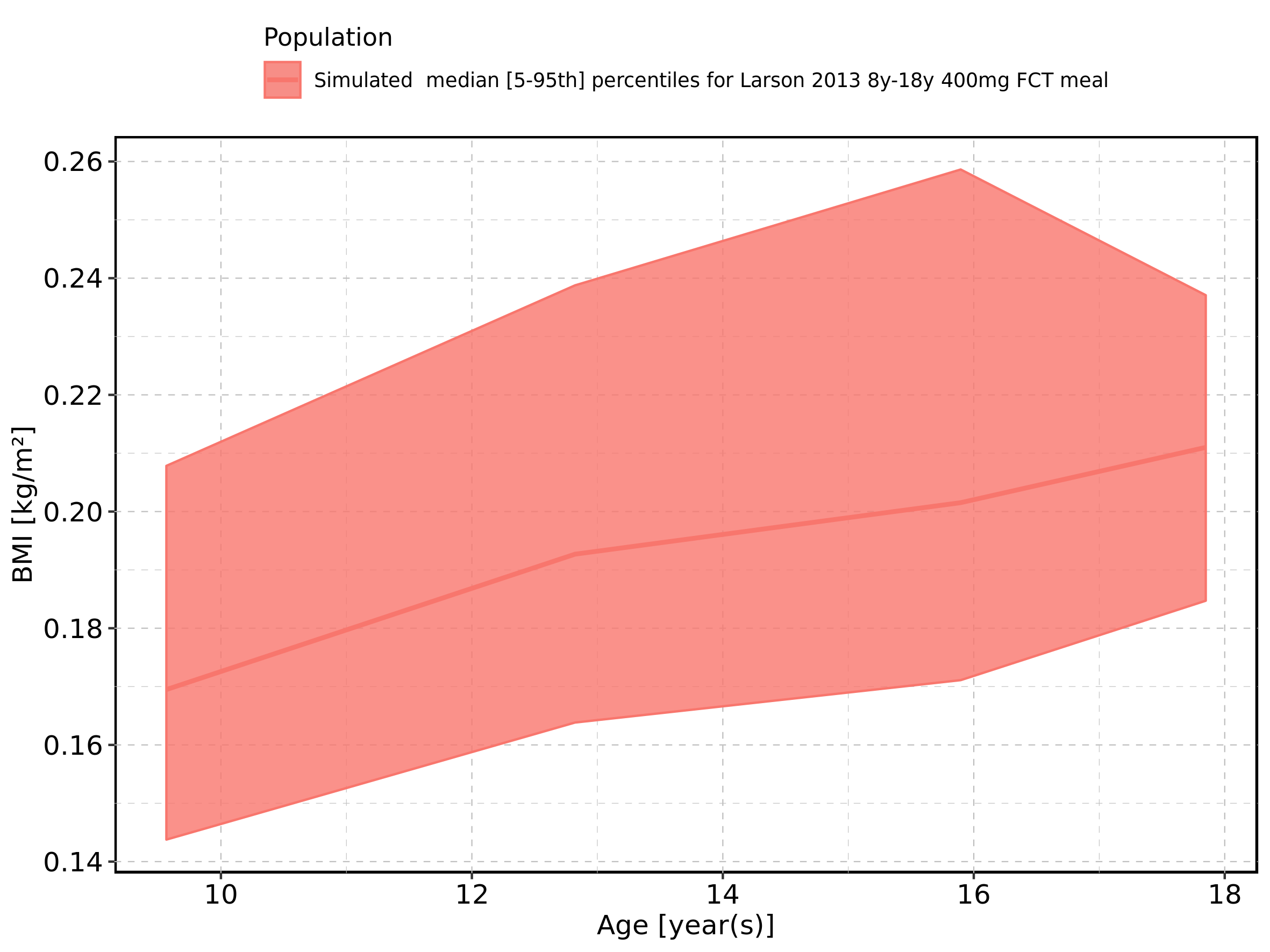


Figure 34: Age-dependence of BMI for Larson 2013 8y-18y 400mg FCT meal. Profiles are plotted in a logarithmic scale.

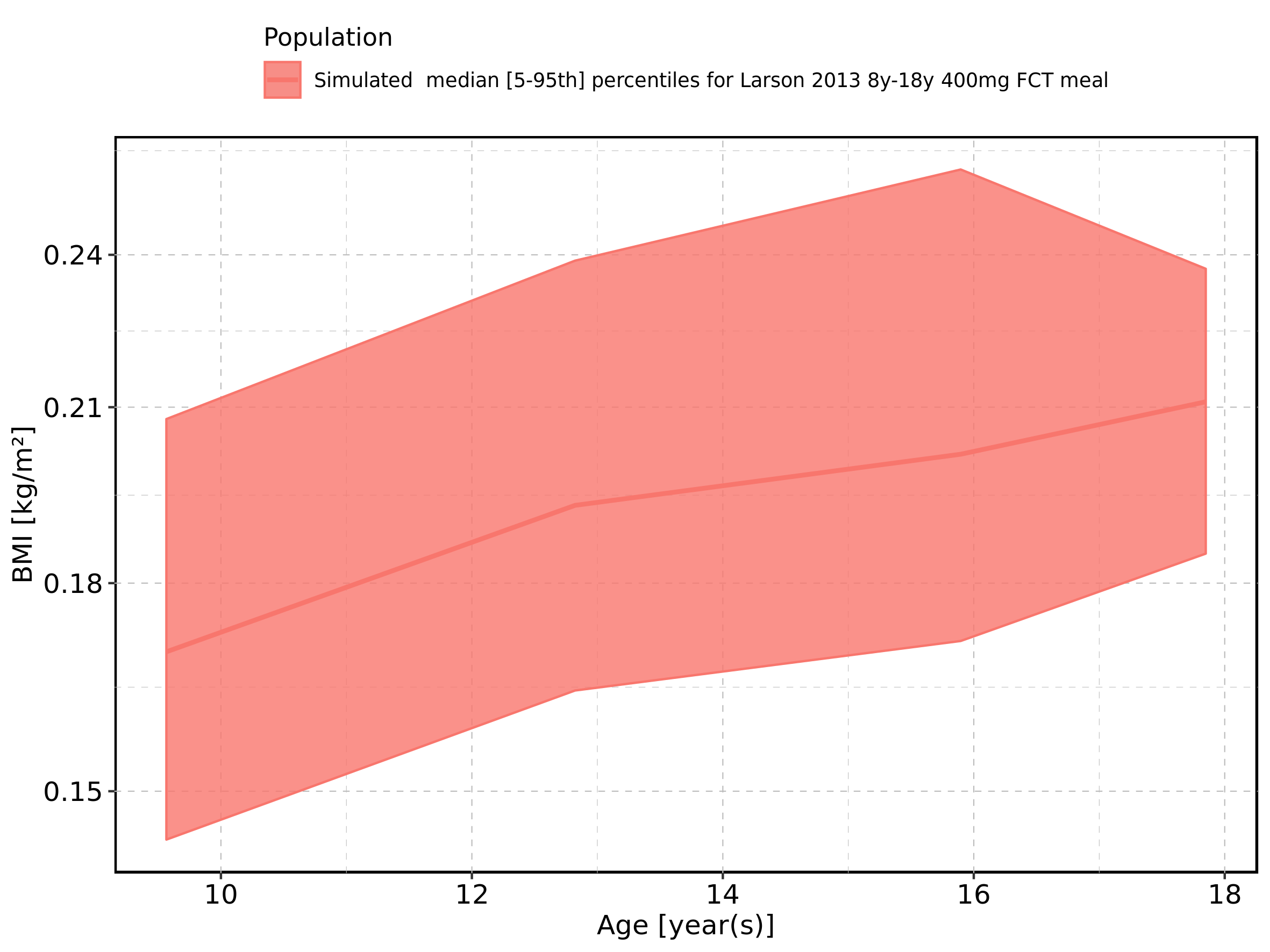


Figure 35: Age-dependence of BMI for Filmcoated\_tablet\_400mg\_sd. Profiles are plotted in a linear scale.

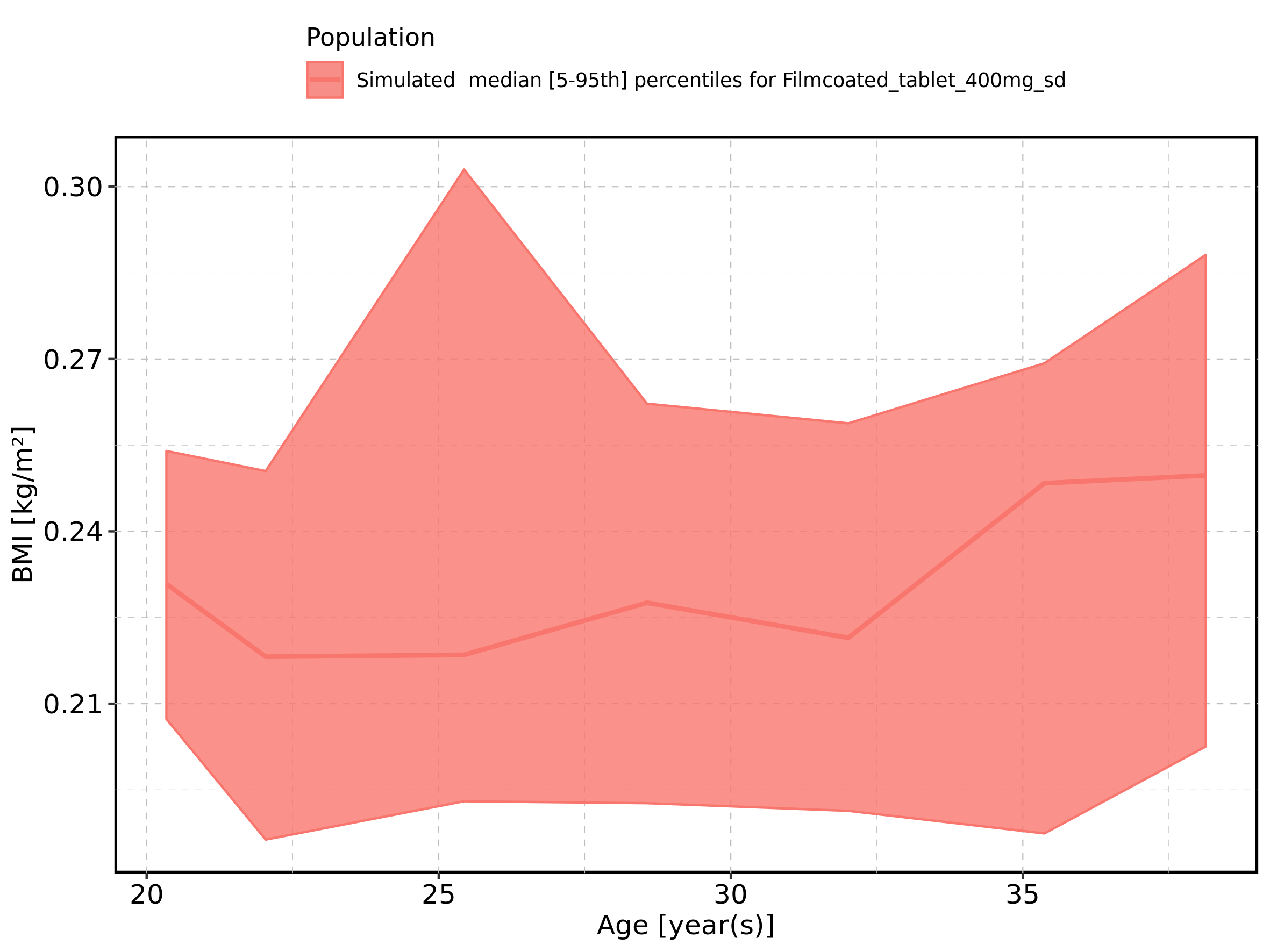


Figure 36: Age-dependence of BMI for Filmcoated\_tablet\_400mg\_sd. Profiles are plotted in a logarithmic scale.

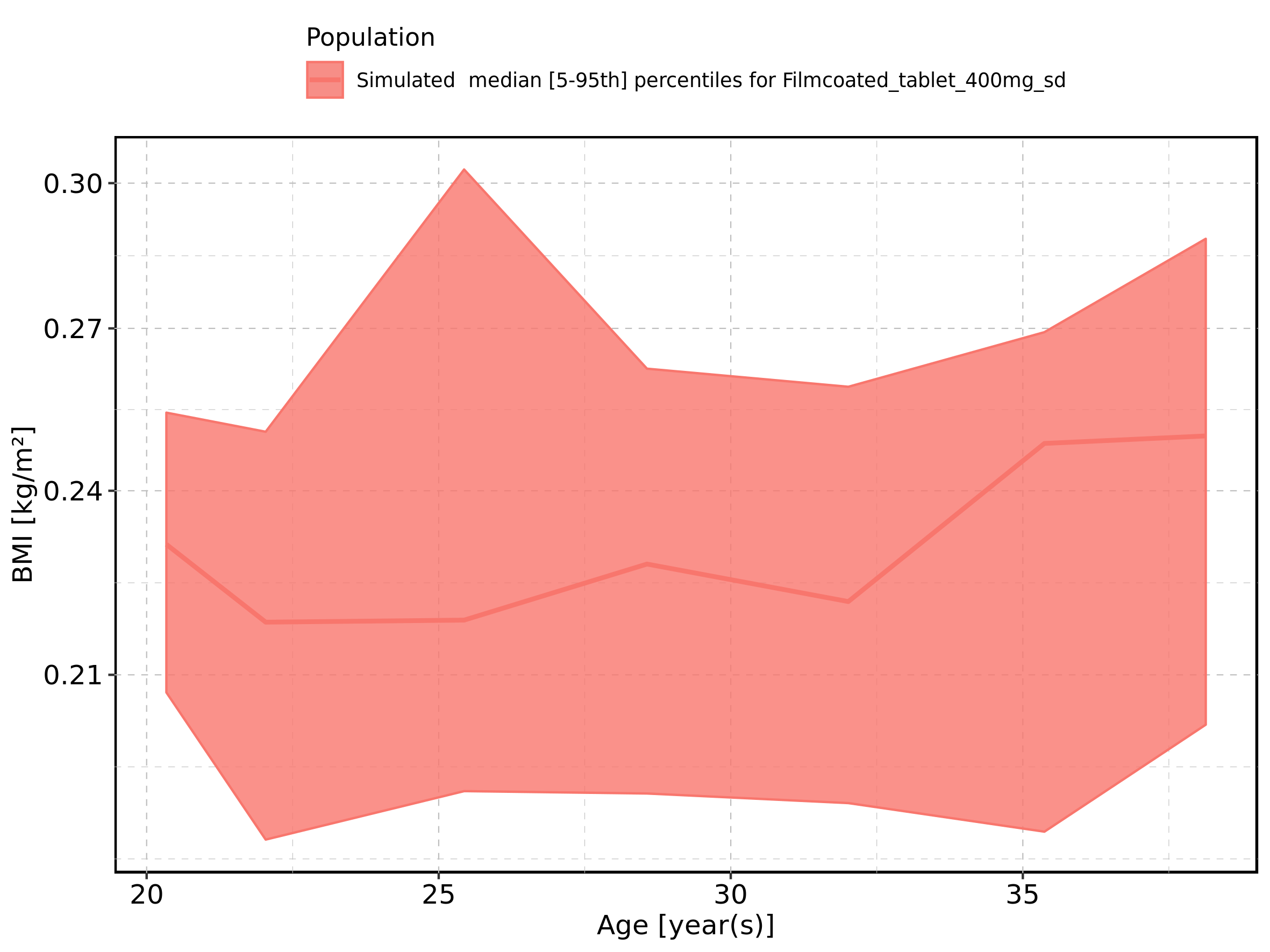


Figure 37: Age-dependence of Gender for Larson 2013 8y-18y 400mg FCT meal in comparison to Filmcoated\_tablet\_400mg\_sd. Profiles are plotted in a linear scale.

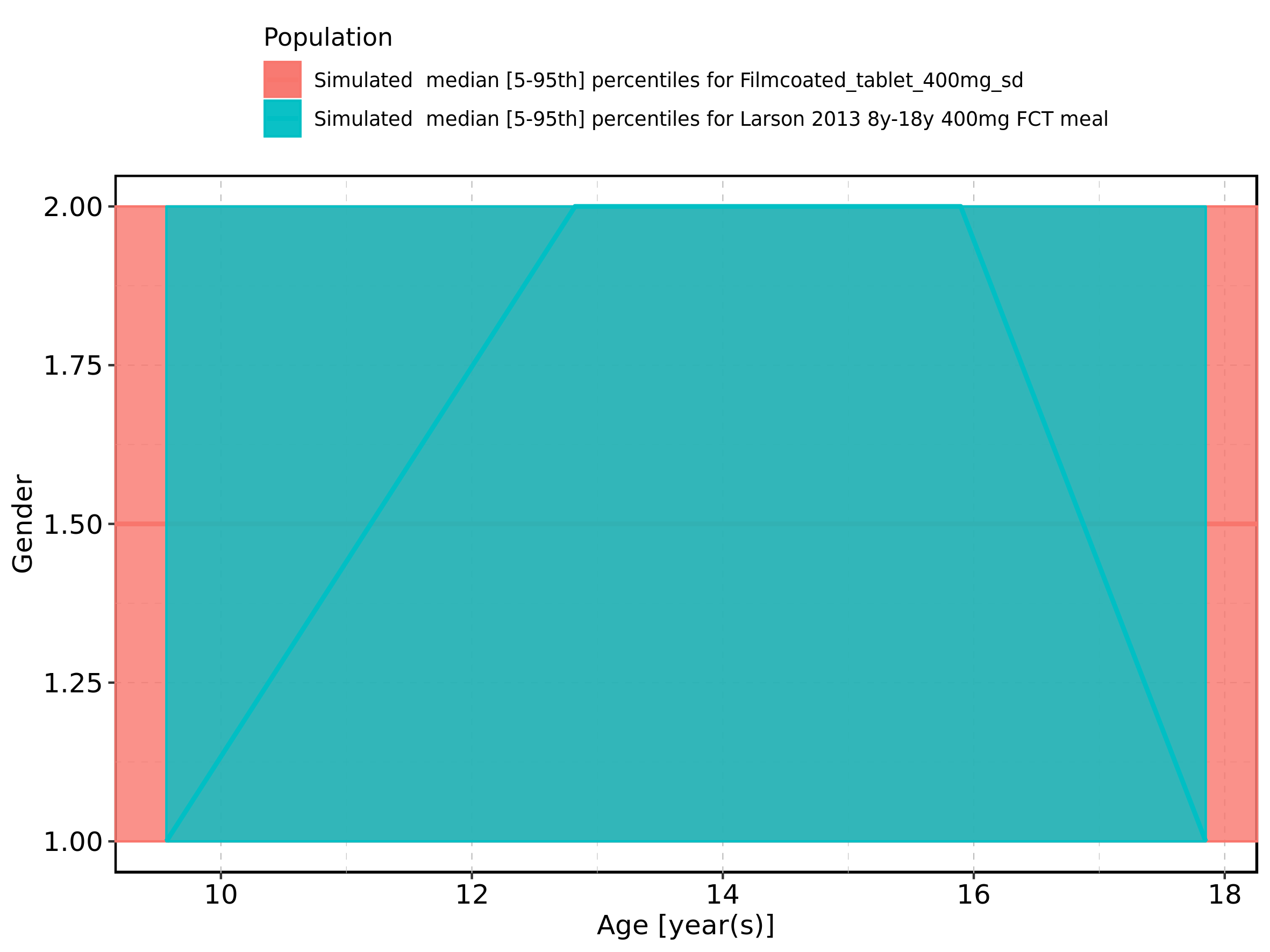


Figure 38: Age-dependence of Gender for Larson 2013 8y-18y 400mg FCT meal in comparison to Filmcoated\_tablet\_400mg\_sd. Profiles are plotted in a logarithmic scale.

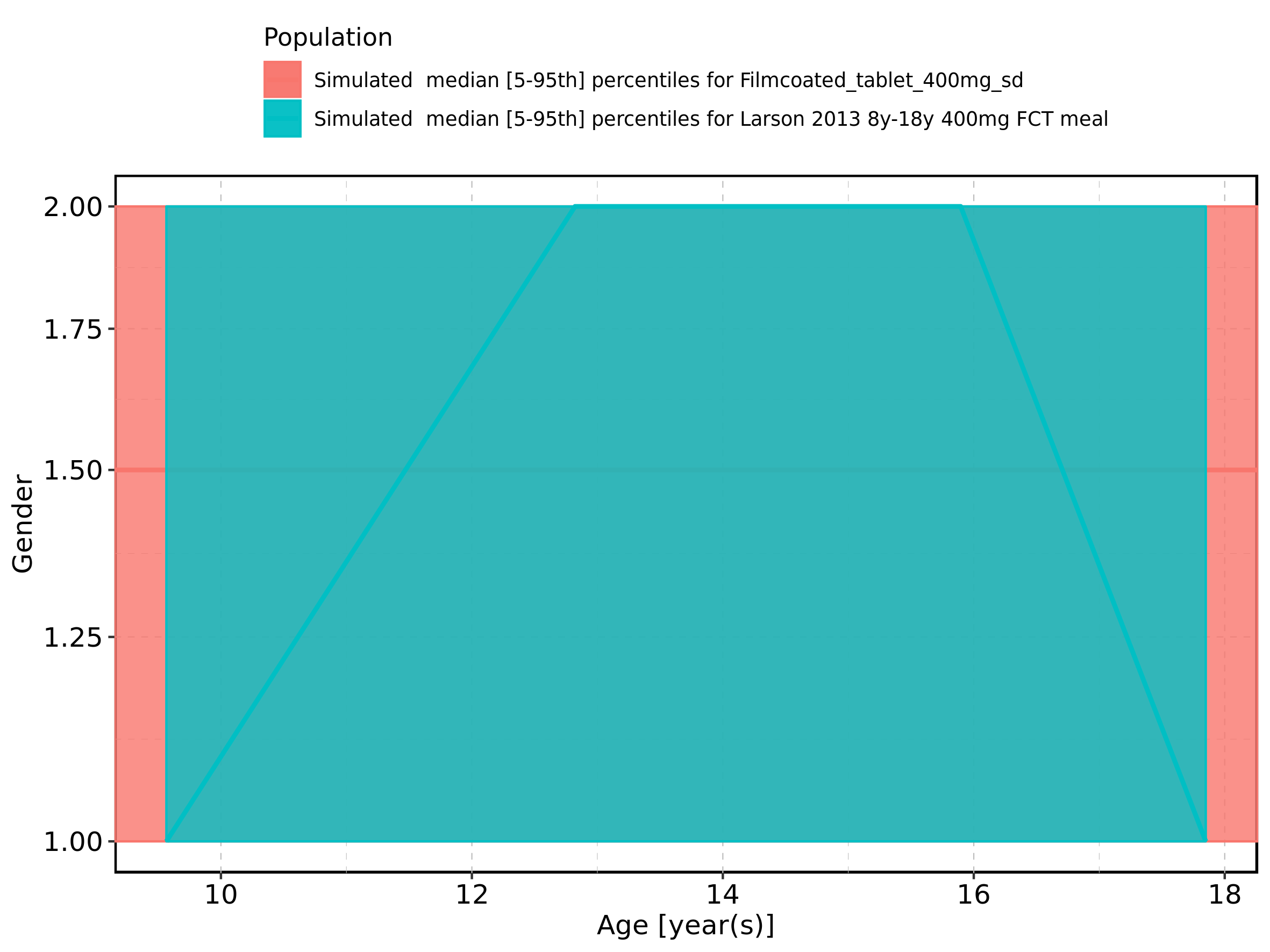


Figure 39: Age-dependence of Gender for Larson 2013 8y-18y 400mg FCT meal. Profiles are plotted in a linear scale.

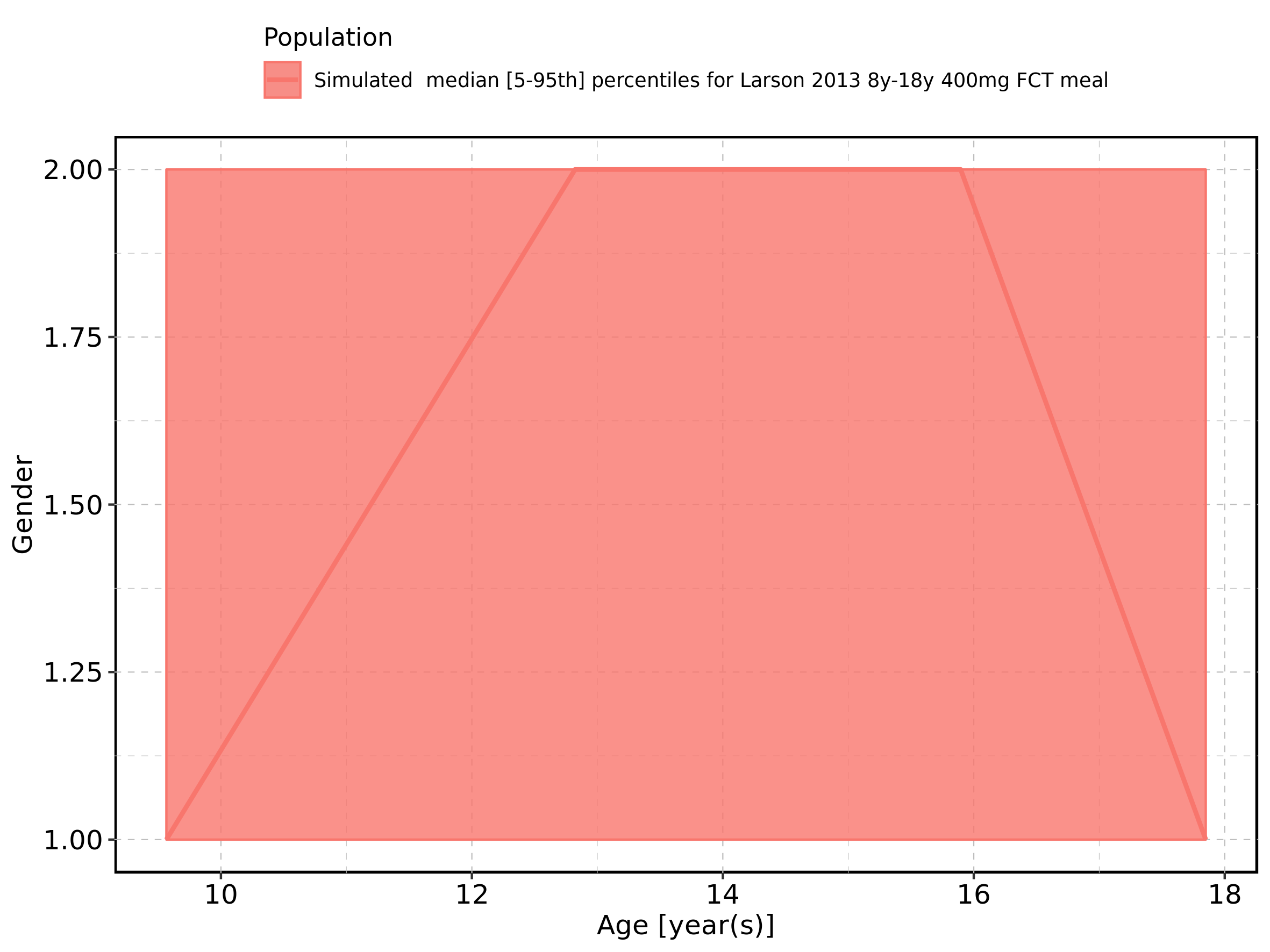


Figure 40: Age-dependence of Gender for Larson 2013 8y-18y 400mg FCT meal. Profiles are plotted in a logarithmic scale.

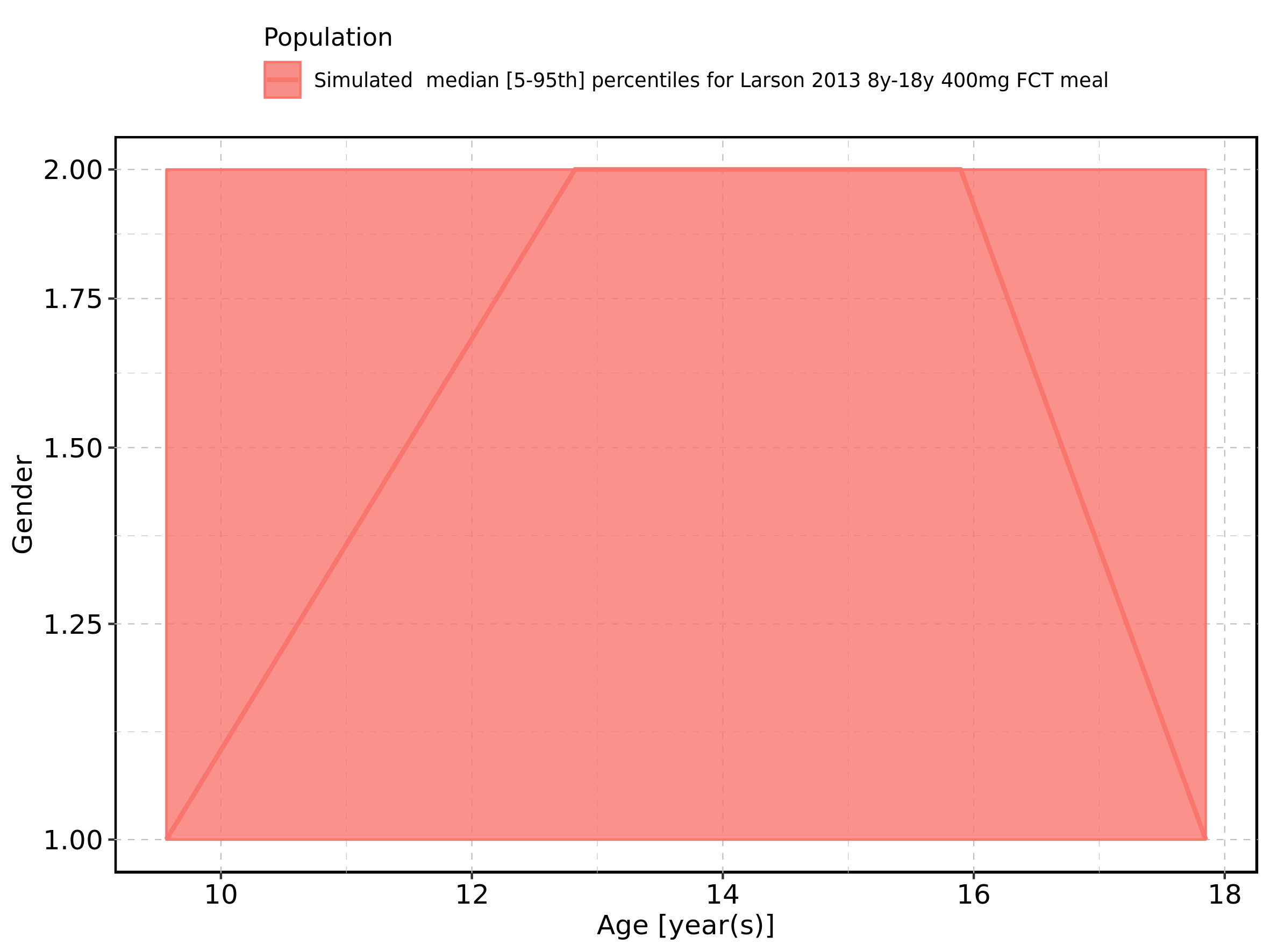


Figure 41: Age-dependence of Gender for Filmcoated\_tablet\_400mg\_sd. Profiles are plotted in a linear scale.

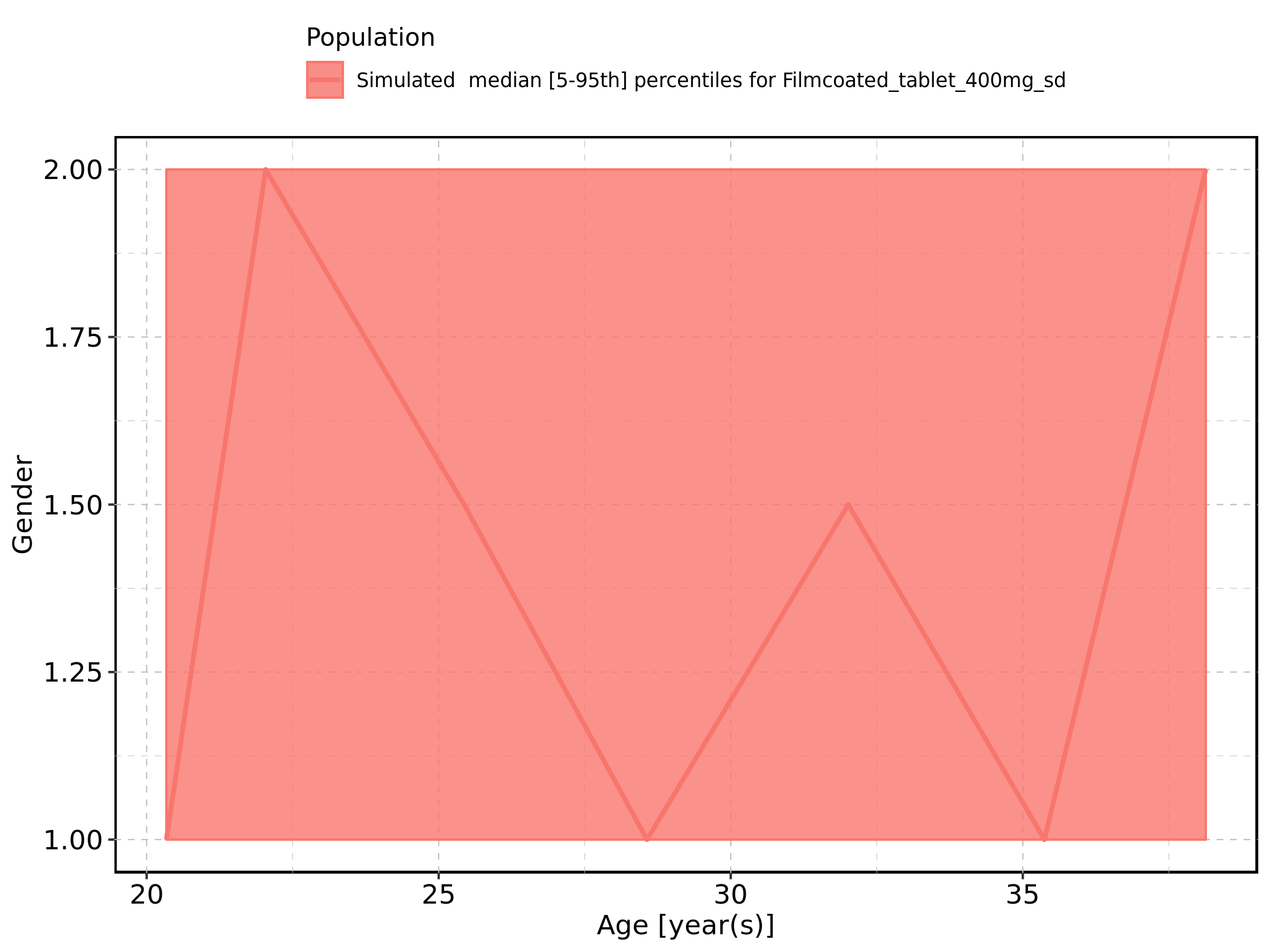


Figure 42: Age-dependence of Gender for Filmcoated\_tablet\_400mg\_sd. Profiles are plotted in a logarithmic scale.

