S5 Fig. Transformation of Age for Logistic Regression.

Antibiotic prescription according to the age of patient after a piece-wise linear function (increase in frequency of antibiotic prescription during the first 5 years of life, after 5 years no further increase is observed) (I) versus predicted probability (red line) of antibiotic prescription. Dashed line: non-parametric regression line. The confidence interval (shaded area) of this non-parametric regression line is indicated separately in the right panel, since it may comprise values >1 or <0. Black vertical line: Reference value corresponding to the intercept of the estimated logistic regression model.