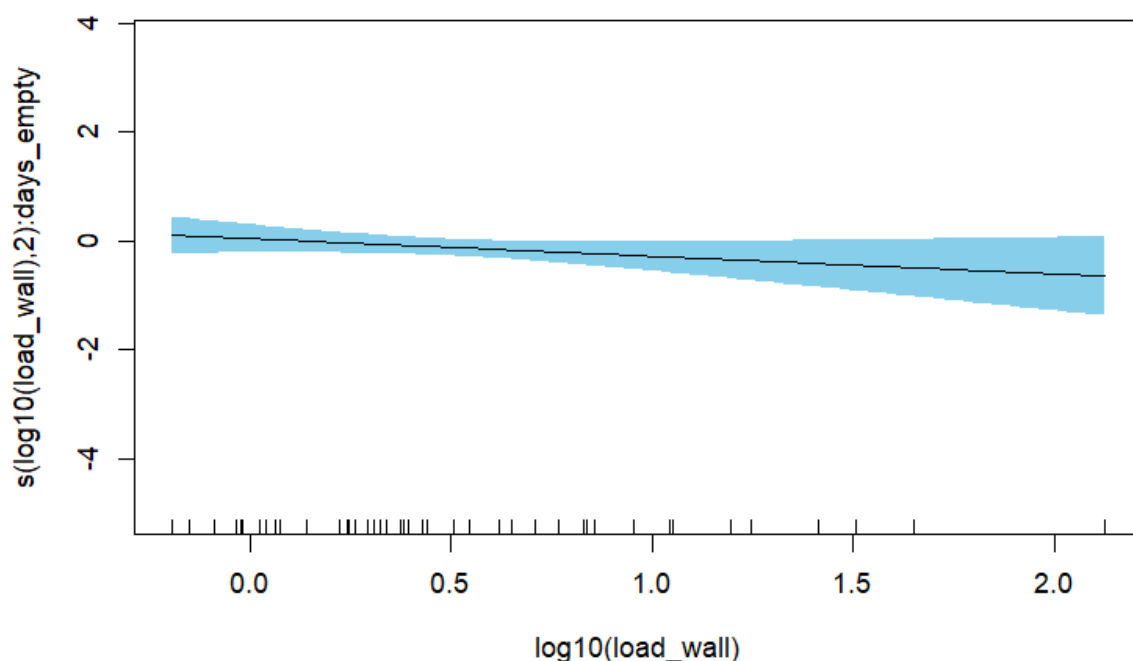


Additional file 1: relationship between the bacterial load on the floors before cleaning and the bacterial load on the walls before cleaning and time the cage was empty before cleaning



The relationship between the bacterial load on the floors before cleaning and the bacterial load on the walls before cleaning and time the cage was empty before cleaning. The y-axis (days) shows the spline effect (s) of the interaction of the \log_{10} -transformed bacterial load on the walls by the time the cage was empty before cleaning. The x-axis shows the bacterial load on the walls in \log_{10} CFU/cm². X-values are plotted along the bottom of the plot. The full line shows the nonlinear relationship (edf:2) between the time the cage was empty before cleaning (the interaction of the \log_{10} -transformed bacterial load on the wall by time the cage was empty before cleaning) and the \log_{10} -transformed bacterial load on the wall. The blue shade shows the 95% confidence interval for the mean shape of the effect.