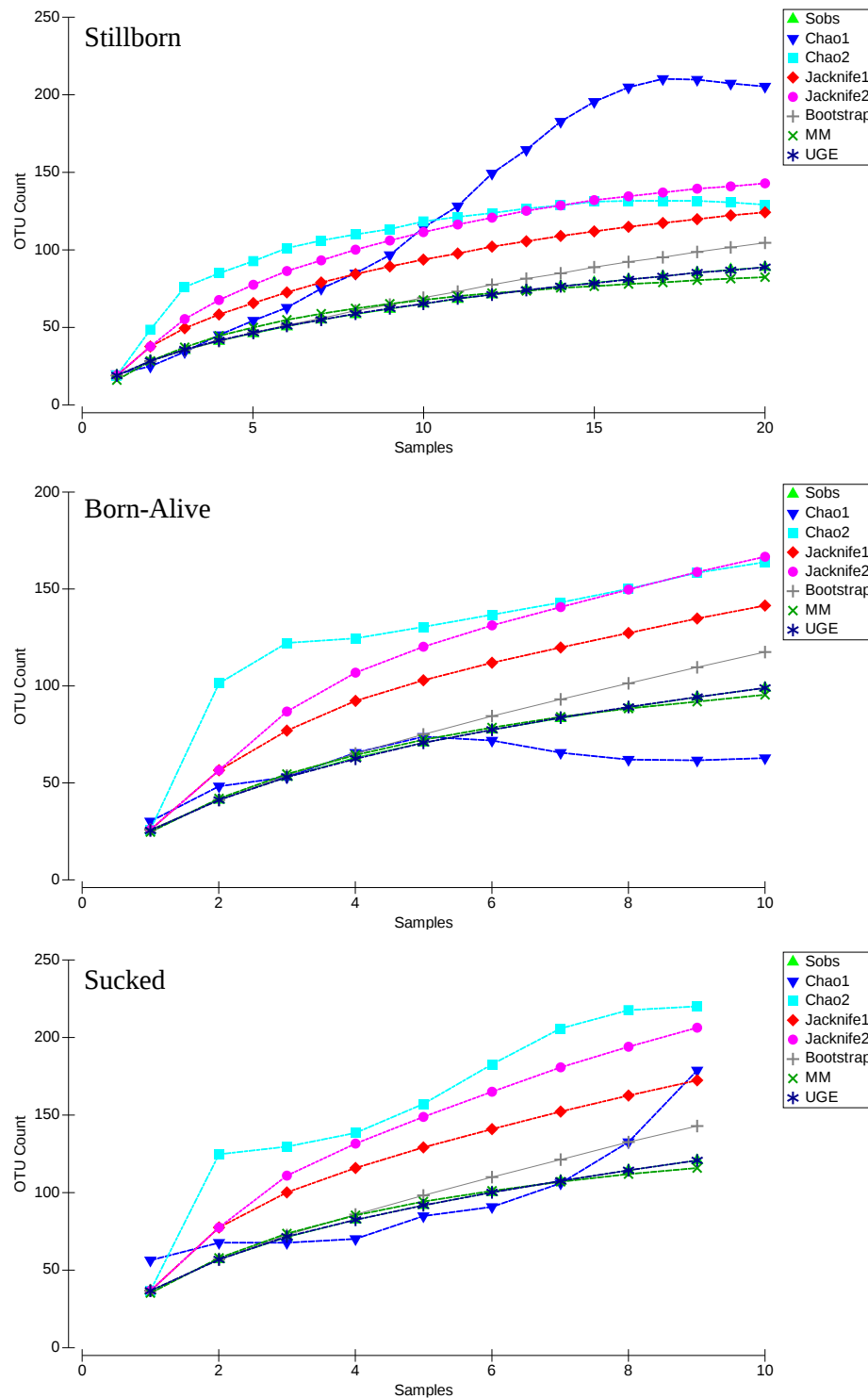




Supplementary Figure 1. Species accumulation curves and richness indices of the bacterial communities in the spiral colon of piglets in the stillborn, born-alive and sucked groups. Green triangle represent the observed accumulated species richness (Sobs). Blue upside-down triangle and blue square represent the abundance-based estimator of species richness (Chao). Red diamond and pink circle represent the absence or presence-based estimator of species richness (Jackknife). Grey plus sign represents an estimator of true richness (Bootstrap). Green

“X” sign representing Michaelis-Menten (MM), a parametric approach to richness and the blue star represents true regional richness given by the Uland-Gray-Elligsen (UGE) index.