



Article

Effect of Sample Collection (Manual Expression vs. Pumping) and Skimming on the Microbial Profile of Human Milk Using Culture Techniques and Metataxonomic Analysis

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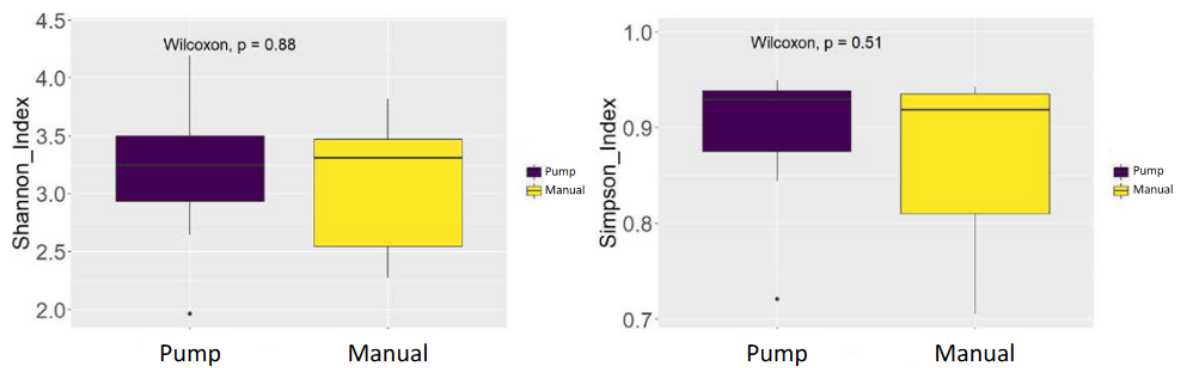
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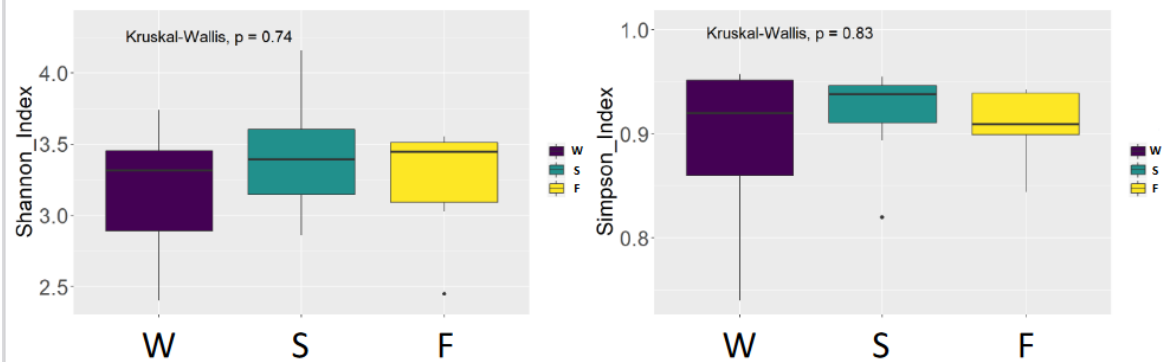
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Supplementary Figure A1. Alpha diversity in human milk samples obtained with different collection methods. The box-plots illustrate the alpha diversity indices (Shannon diversity and Simpson index) in human milk samples collected from women 1 to 8 by pumping with single-use sterile devices or by manual expression. Median (horizontal line in the box) and interquartile ranges (vertical lines or whiskers extending from the top and bottom of the box) are indicated in the plots. No significant differences between samples according to the collection method ($p > 0.05$; Wilcoxon rank sum tests).



Supplementary Figure A2. Alpha diversity in human milk samples according to their processing. The box-plots illustrate the alpha diversity indices (Shannon diversity and Simpson index) in whole human milk samples (W) collected from women 21 to 27 and their fractions: the skimmed milk (S) and the fat layer (F). Median (horizontal line in the box) and interquartile ranges (vertical lines or whiskers extending from the top and bottom of the box) are indicated in the plots. No significant differences between samples according to the collection method ($p > 0.05$; Kruskal-Wallis tests)