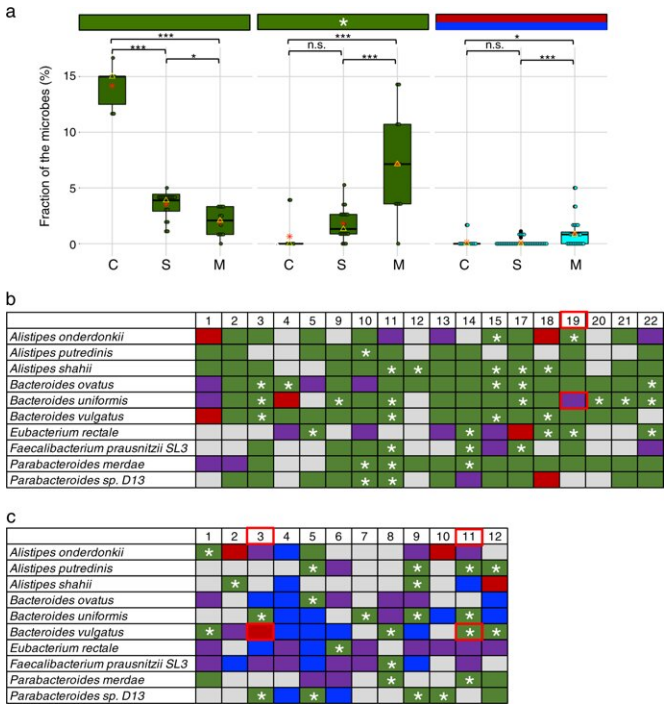
Transient and long-term disruption of gut microbes after antibiotics

22 October 2019, by Jeff Hansen



Summarized WSS scores. The top 10 species that were abundant across all individuals (n = 36) from the three data sets (control and single antibiotic data sets from Raymond et al.,8 and multiple antibiotics data set from Palleja et al.9) were selected to compare the WSS scores between every possible pair of samples per each individual. a The boxplots show the fraction of the top 10 species of each data set (C = control, S = single antibiotic, and M = multiple antibiotics) that fall into the respective color box group indicated by the horizontal color-coded bars (colors described in the main text). Values from the red and blue color box groups were merged to represent a single boxplot per each data set. The boxplots display a median (a yellow triangle), a mean (a red asterisk), interquartile range boxes. Each dot in the boxplot represents a value observed per individual in each data set, and the whiskers of the box are extended to the lowest and highest value observed in each data set. Significant differences (P value

APA citation: Transient and long-term disruption of gut microbes after antibiotics (2019, October 22) retrieved 30 April 2021 from https://medicalxpress.com/news/2019-10-transient-long-term-disruption-gut-microbes.html

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.