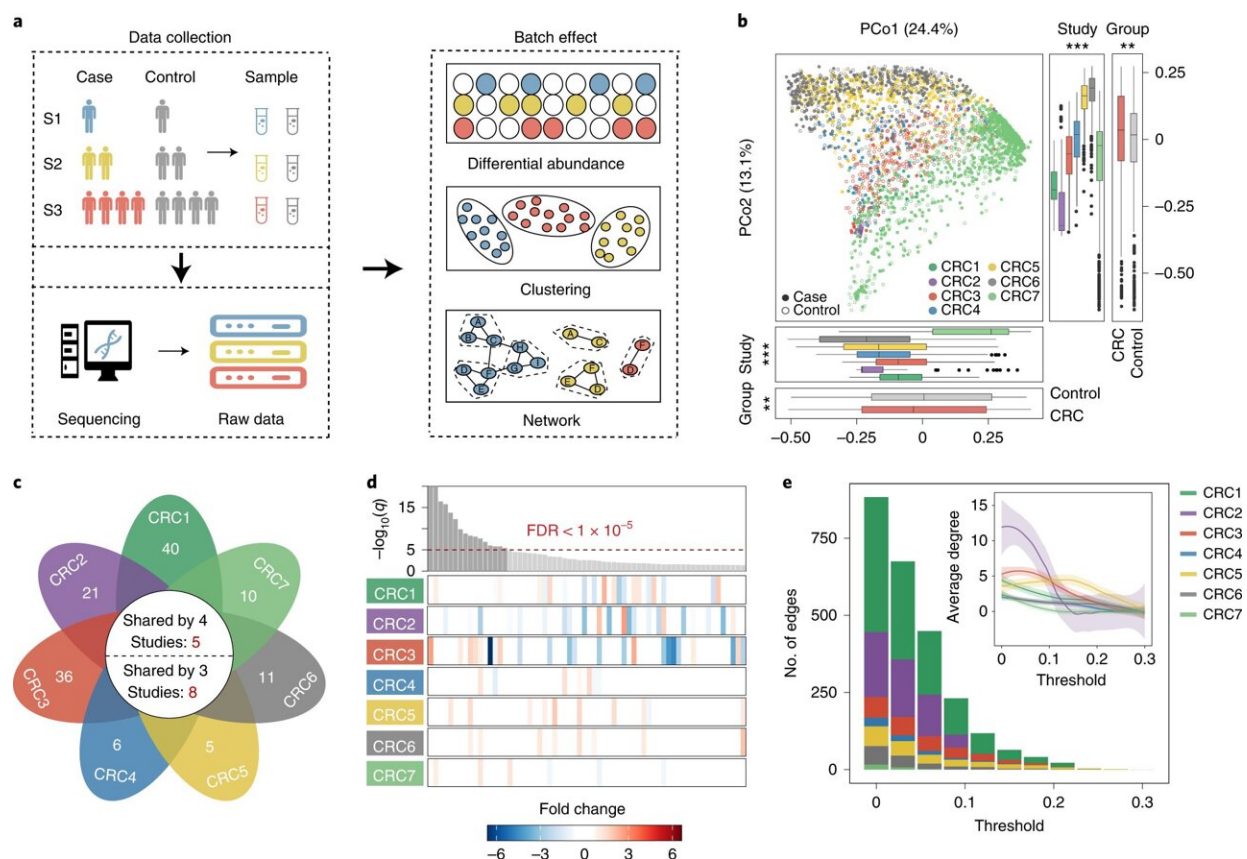# Researchers propose new method for large-scale data integration and biomarker identification

June 7 2022, by Li Yuan

Batch effects and challenges in meta-analysis of the gut microbiota. a, Common challenges in the integration of multiple datasets. b, Principal coordinates analysis based on the relative abundance of control samples (open points) and CRC samples (filled points) from seven studies. Box plots represent differences among seven studies or between case and control groups. In the box plots: center line, median; box, interquartile range (IQR; the range between the 25th and 75th

percentiles); whiskers, 1.5 × IQR; dots, outliers. Two-sided Wilcoxon test or Kruskal–Wallis rank sum test. ***P

Citation: Researchers propose new method for large-scale data integration and biomarker identification (2022, June 7) retrieved 27 April 2024 from https://medicalxpress.com/news/2022-06-method-large-scale-biomarker-identification.html