## MelonnPan - Predict

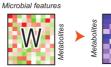


## Input: Reads from microbiome sequencing

Step 1: Measure the community taxonomic or functional profiles



Step 2:
Identify predictive microbial features
as determined by a pre-trained
MelonnPan model and multiply the
abundances by their trained weights W



Output: Table of relative abundances of metabolites of interest

Samples



Downstream statistical analysis

