PSM-level dataset

↓

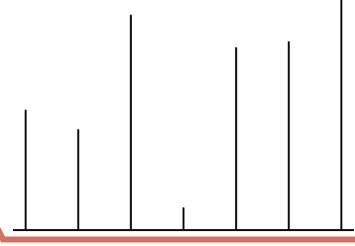
Custom preprocessing

↓

Robust Modeling

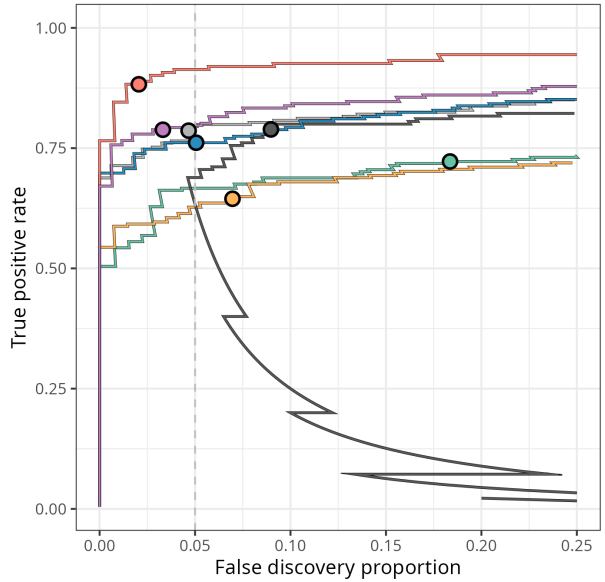
msqrob2TMT

Reporter Region

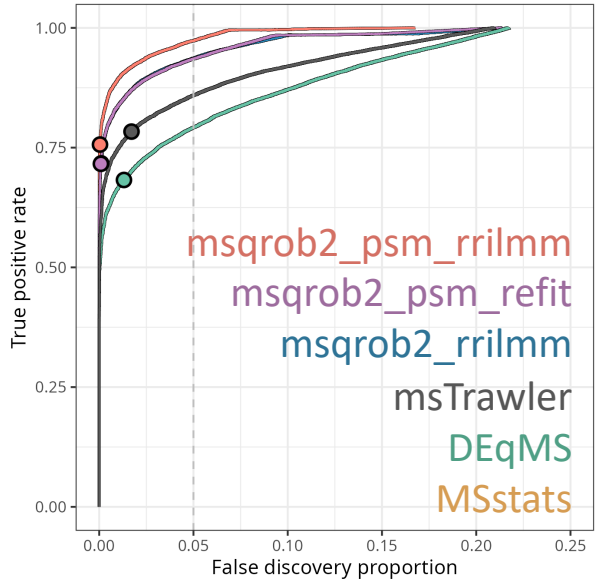


Improved performance

MSstatTMT Spike-in



msTrawler Spike-in



Mouse case-study

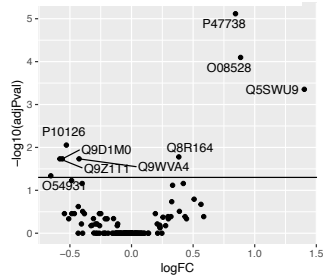
Treatment: Diet + Time + Diet x Time +

Correlation: (1|spectrum) + (1|sample) + (1|run) + (1|bio-repeat) + (1|mixture)

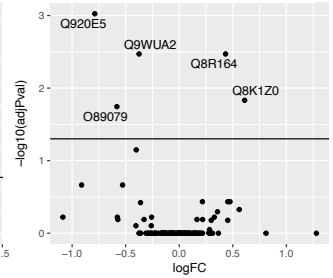
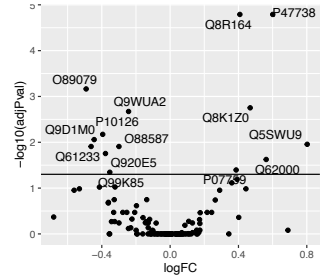
	Fat	Time
🐭	High	early
🐭	Low	early
🐭	High	late
🐭	Low	late

Custom hypotheses

Early Diet



Late Diet



Average Diet