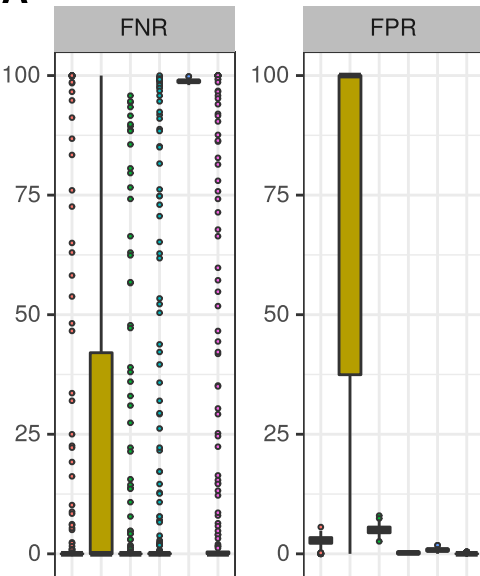
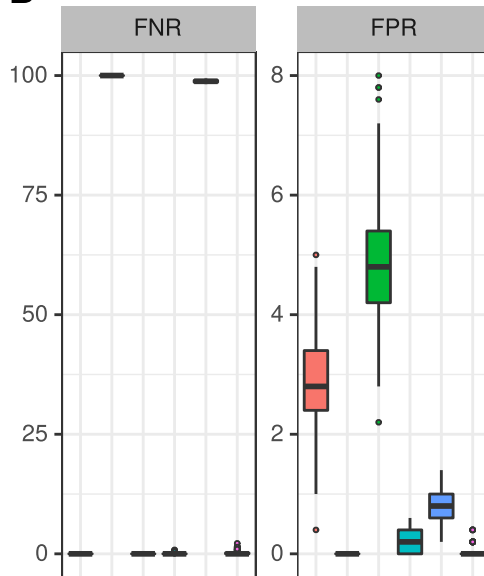


A

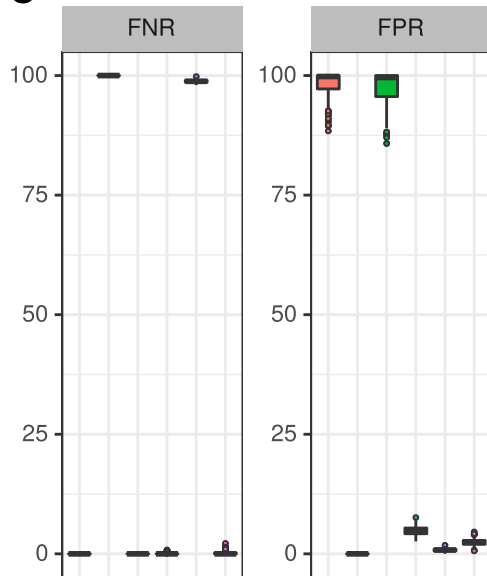
different mean (log scale)

**B**

different standard deviation (log scale) in class

**C**

different standard deviation (log scale) in subclass



methods

- ANCOM
- ANCOMBC
- KW
- LEfSe
- metagenomeSeq
- mp_diff_analysis