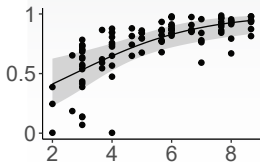


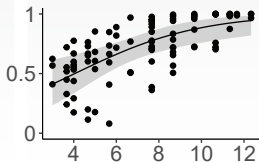
**A**

Bacterial  
xylose oxidation

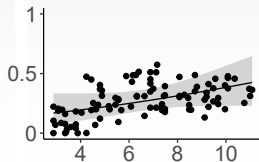
$R^2$   
predicted vs.  
observed  $F$

**B**

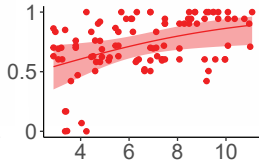
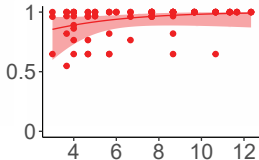
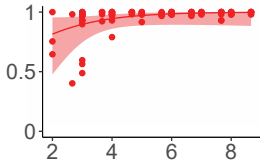
Bacterial  
starch hydrolysis

**C**

Bacterial  
butyrate secretion



$F(s_{\text{opt}}) / F_{\text{max}}$



Avg. number of data points per fitted FEE