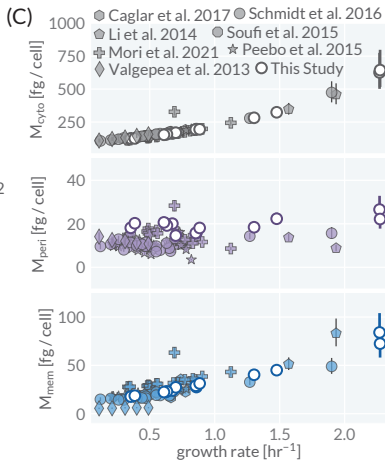
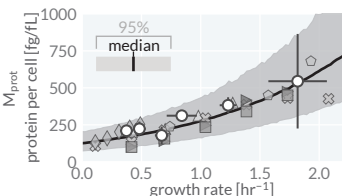


compartment protein load

- (A) **compartment proteome fraction**
 protein mass in compartment X = $\phi_X M_{prot}$
 protein per cell
- (B) \diamond This Study ∇ Li et al. 2014
 \otimes Arike et al. 2012 \triangle Basan et al. 2015
 \otimes Bremer & Dennis 2008 \blacktriangleright Churchward et al. 1982
 \blacksquare Dennis & Bremer 1987 \blacklozenge Valgepea et al. 2013



compartment protein density

- (D) **compartment proteome fraction**
 protein mass density in compartment X = $\frac{\phi_X M_{prot}}{\text{compartment size}}$
 volume, surface area protein per cell
- (E) ∇ Pierucci 1978 \triangle Si et al. 2017
 \blacktriangleright Zaritsky et al. 1993 \triangle Basan et al. 2015
 \circ This Study \otimes Grossman et al. 1982
 \blacksquare Trueba & Woldringh 1980
 \blacktriangleleft Zaritsky & Woldringh 1978

