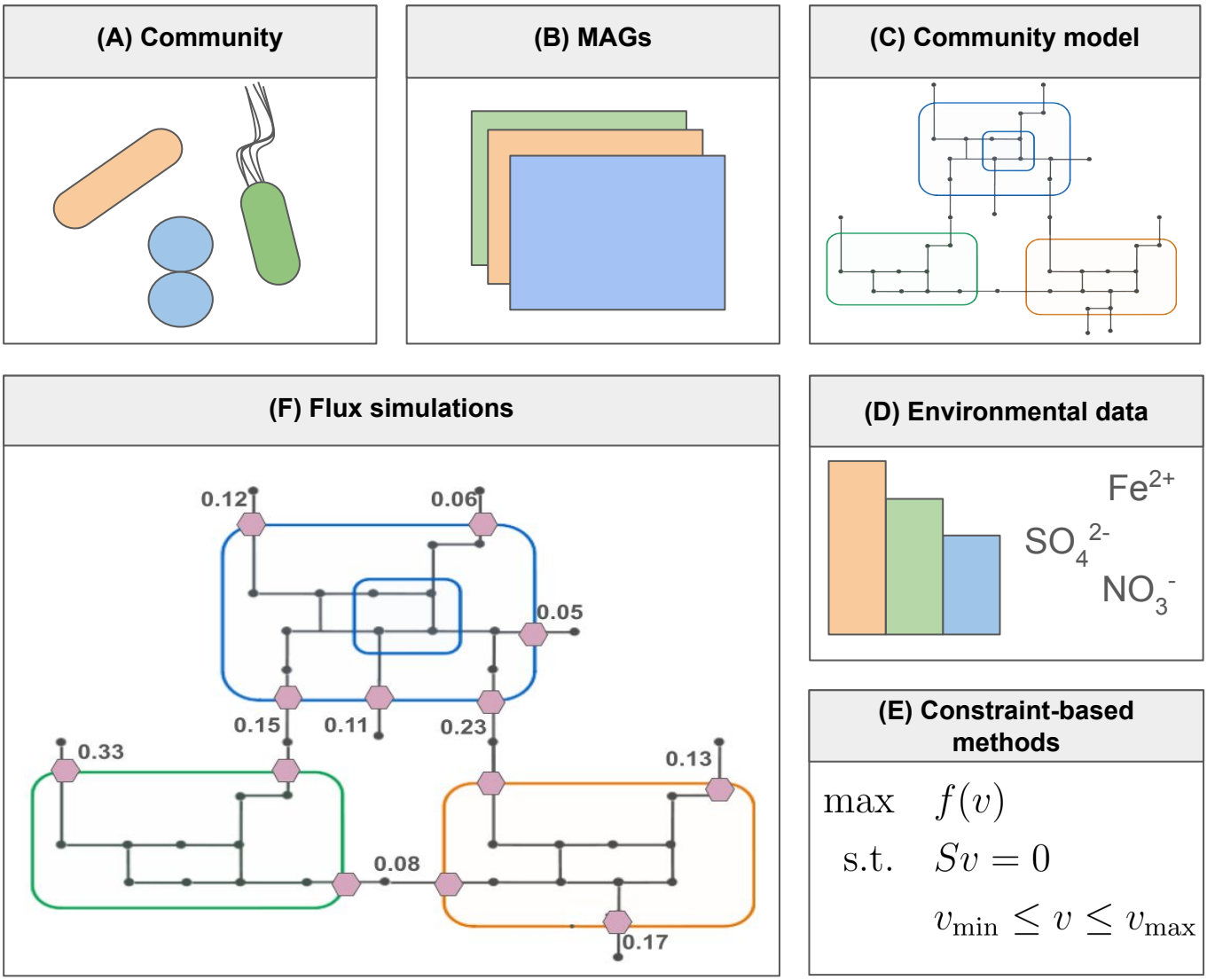
(A) Community
(B) MAGs
(C) Community model
(F) Flux simulations
0.12
0.06
0.05
0.15
0.11
0.23
0.33
0.13
0.08
0.17
(D) Environmental data
$Fe^{2+}$
$SO_4^{2-}$
$NO_3^-$
(E) Constraint-based methods
$\max \quad f(v)$
$\text{s.t.} \quad Sv = 0$
$v_{\min} \leq v \leq v_{\max}$