

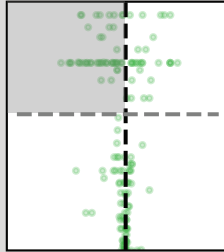
# Interpretation of ConYE for metabolites consumed by one strain and produced by another

ConYE result

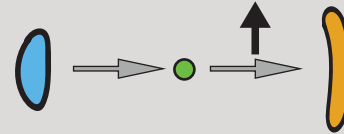
Possible explanations  
for ConYE result

Importance in growth  
benefit to consumer

Metabolite less  
abundant than  
expected

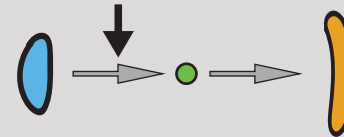


More consumption



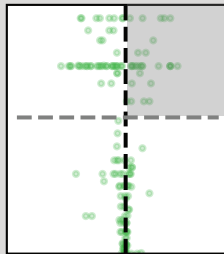
**Very high**

Less production

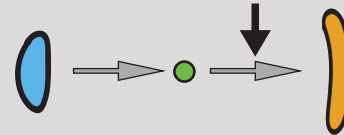


Low

Metabolite more  
abundant than  
expected

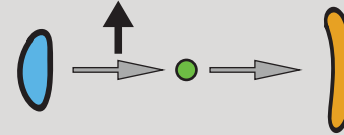


Less consumption



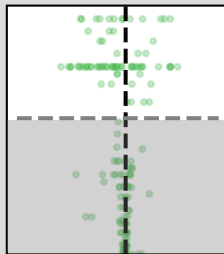
Low

More production

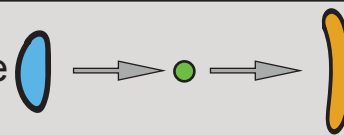


Low

Metabolite as  
abundant as  
expected

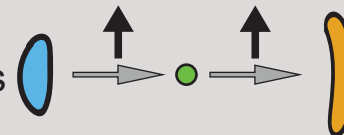


Same as monoculture



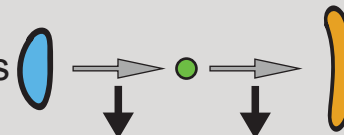
High

Concurrent increases






**Very high**

Concurrent decreases



Low

 = Producer     = Cross-fed metabolite     = Consumer