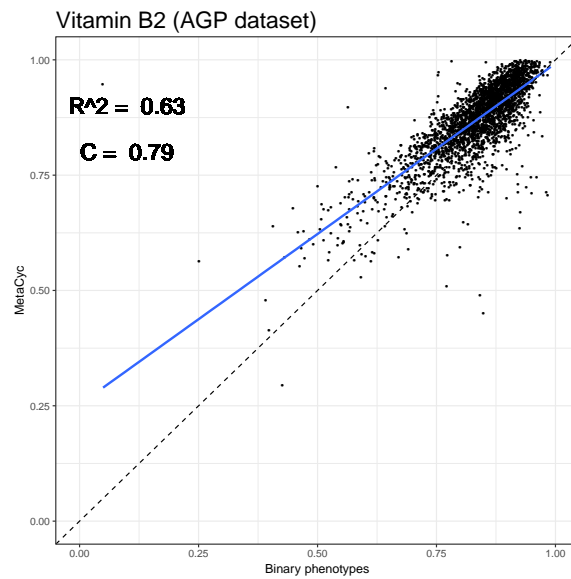
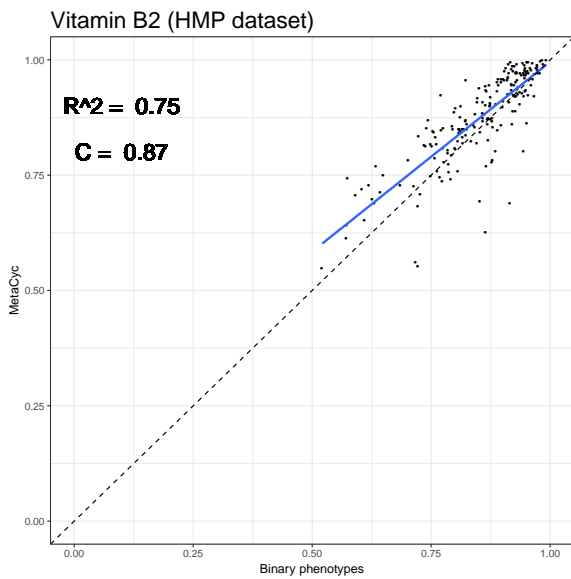
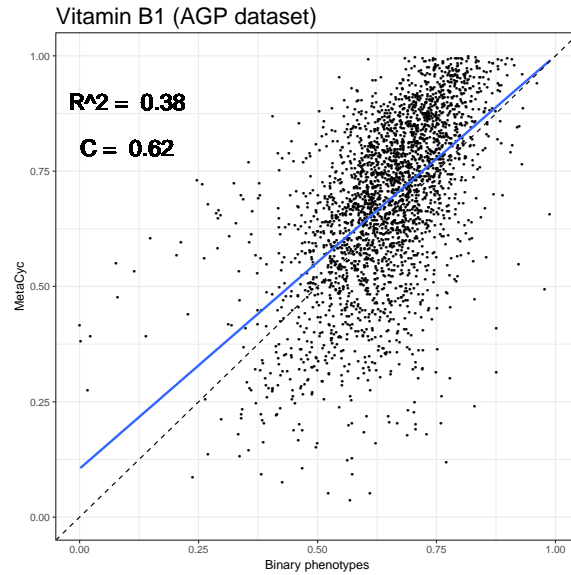
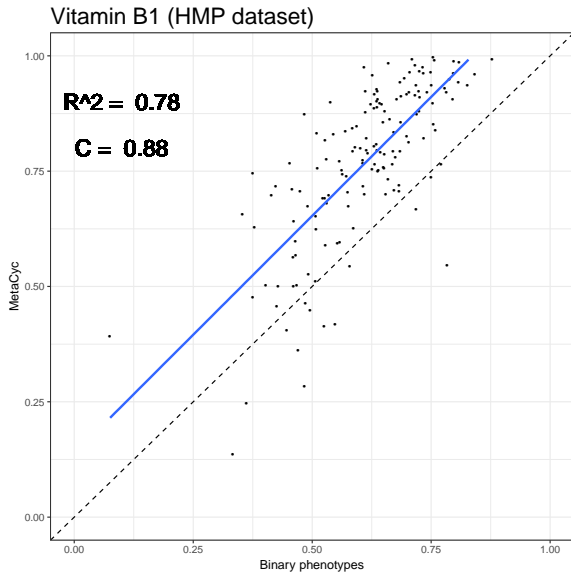
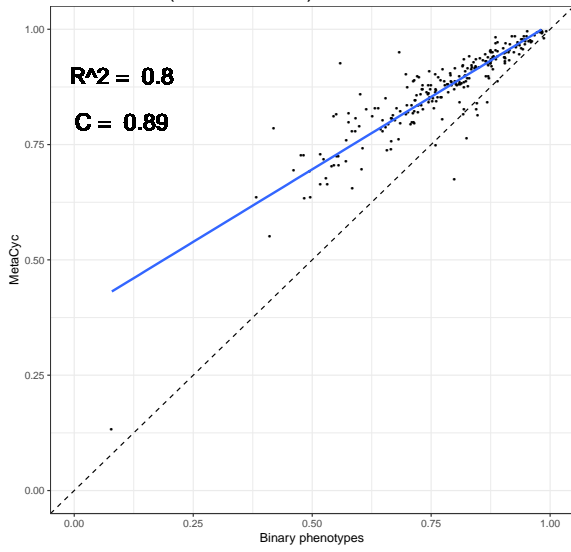


Supplementary Figure S7. Comparison of vitamin production phenotype abundances (calculated by PICRUST2 and based on binary phenotypes from BPM) with MetaCyc pathway abundances (obtained by the standard PICRUST2/MinPath approach) for HMP and AGP datasets.

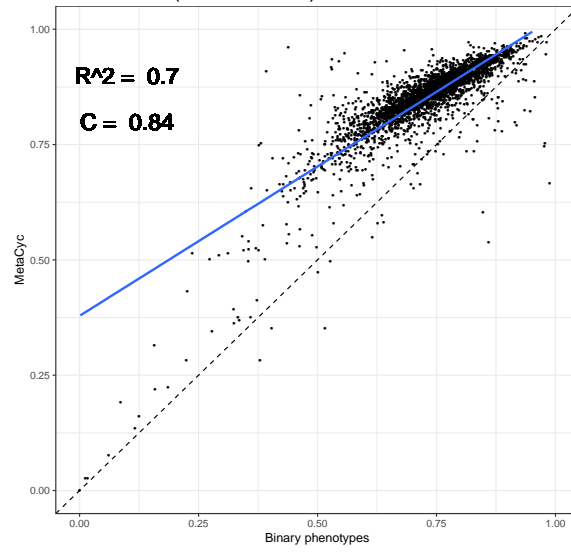
Linear regression line is shown in blue. The main diagonal (intersect=0 and slope=1) is shown as a dashed line indicating equality in predictions. Correlation coefficients “C” and coefficients of determination “R²” are shown.



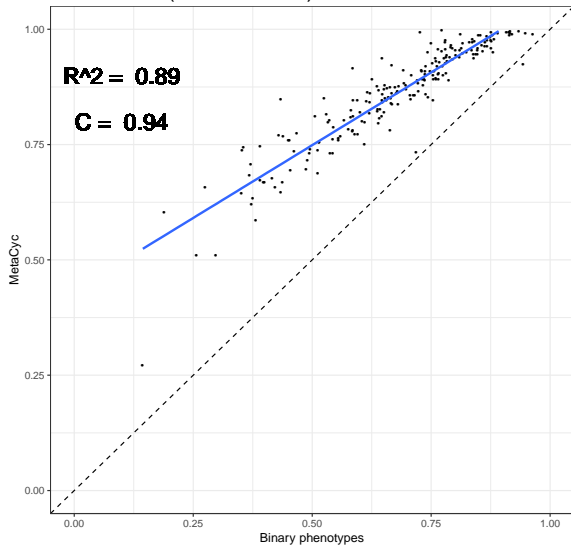
Vitamin B3 (HMP dataset)



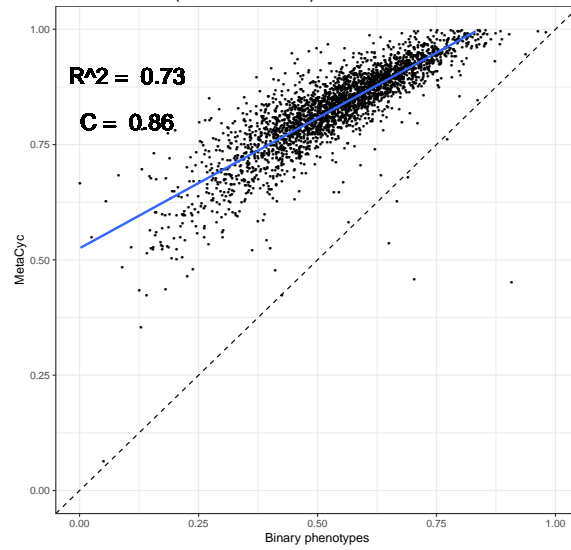
Vitamin B3 (AGP dataset)



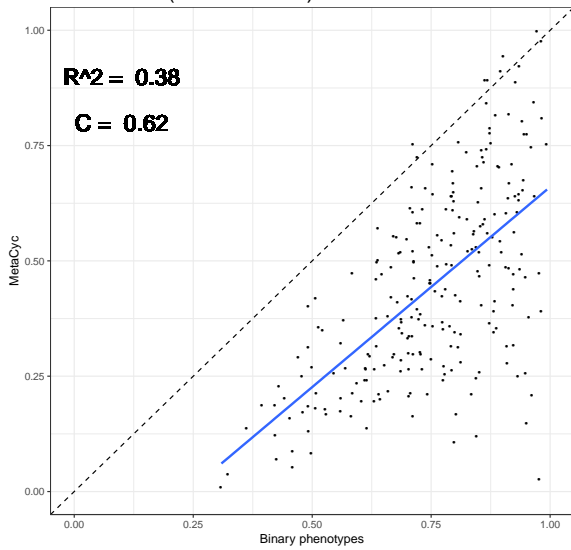
Vitamin B5 (HMP dataset)



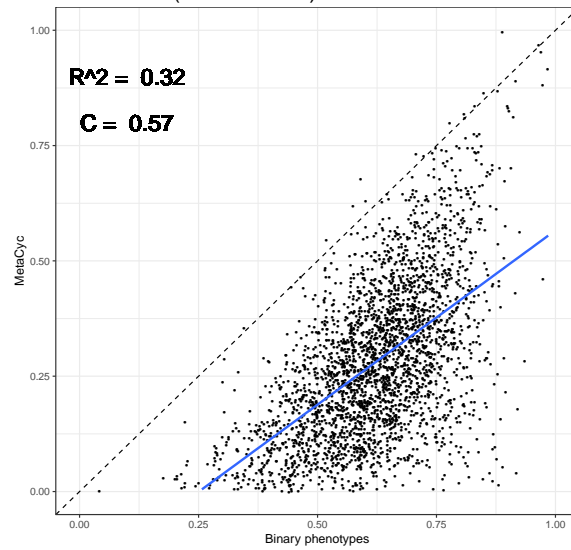
Vitamin B5 (AGP dataset)



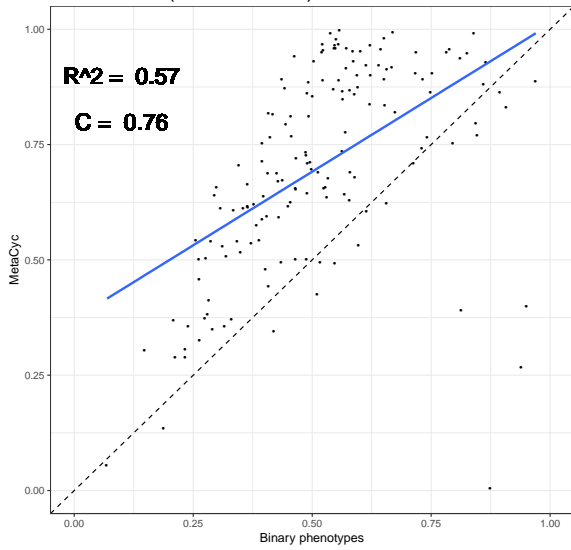
Vitamin B6 (HMP dataset)



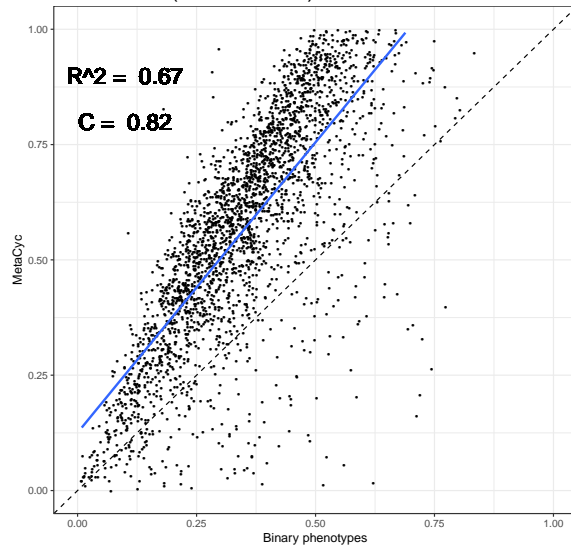
Vitamin B6 (AGP dataset)



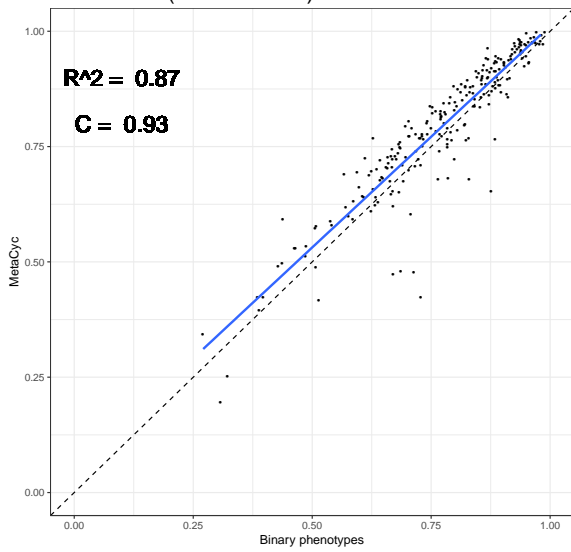
Vitamin B7 (HMP dataset)



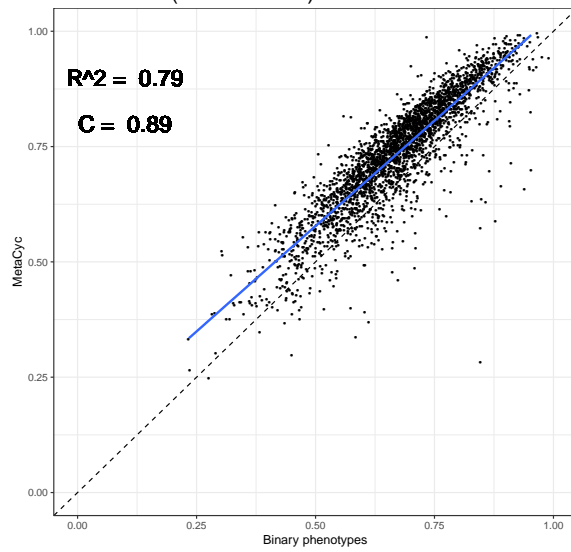
Vitamin B7 (AGP dataset)



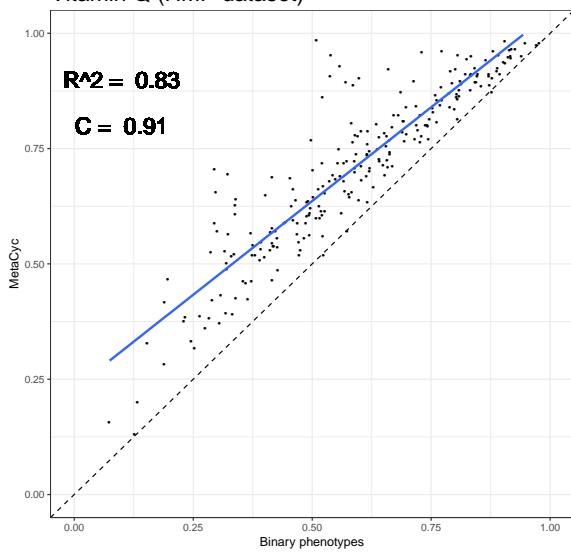
Vitamin B9 (HMP dataset)



Vitamin B9 (AGP dataset)



Vitamin Q (HMP dataset)



Vitamin Q (AGP dataset)

