S3 Fig. The correlation matrix of $\beta$, $p$, and $q$ in the setting of different observables, calculated in Stage 1. Green means (almost) not statistically correlated while yellow/purple represents positively/negatively correlated. When $I_{\text{sum}}$, $H_{\text{sum}}$, and $D_{\text{sum}}$ are available, the model is practically identifiable. In other cases, there is correlation between the parameters.