Asymmetric mutual inhibition strengths for SOM and VIP neurons also enhances the amplification index. When one of the connections, VIP→SOM ($\hat{w}_{SV}$) or SOM→VIP ($\hat{w}_{VS}$), is kept constant, increasing the respective other weight leads to a strengthening of the amplification. Fixed weight was set to $\hat{w}_{VS/SV} = 1$. 

Fig S1. Asymmetric mutual inhibition strengths for SOM and VIP neurons also enhances the amplification index.