Figure 6 - Supplementary 1 NANDY

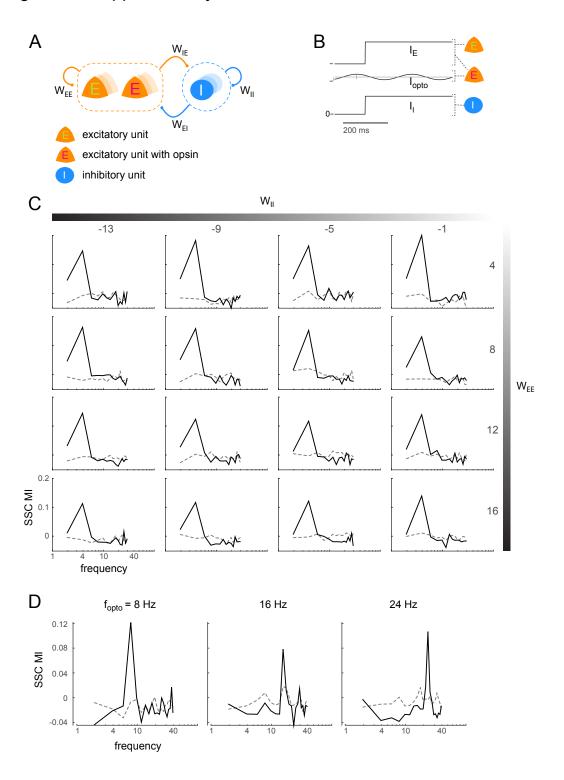


Fig 6 - Supp 1. Induction of coherent activity in the E-I model is robust across network and stimulation parameters - I. (**A**)-(**B**) same as Fig 6A-B. (**C**) Spike-spike coherence modulation index (SSC MI; see Fig 6D) as a function of varying the self-coupling parameters W_{EE} and W_{II} , keeping the other two parameters fixed (W_{IE} =4, W_{EI} =-18). SSC MI exhibits a peak at the 4Hz optical stimulation frequency irrespective of the self-coupling parameters. The dotted lines represent the null SSC MI obtained by shuffling trial identities. (**D**) The peak SSC MI shifts with increasing optical stimulation frequency (f_{opto} , network parameters same as in Fig 5), indicating that the peak is not due to any intrinsic resonant activity in the network. Dotted lines same as in **C**.