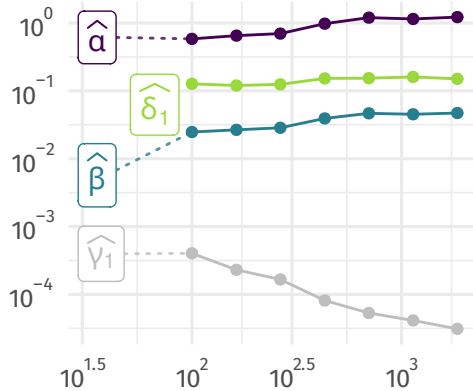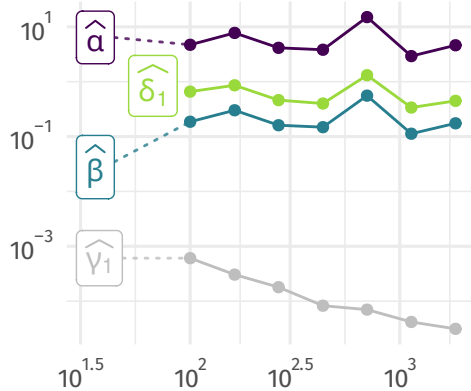Simulations on an intransitive network