Complete Comparison - convergence of SuperScientistAgent Parameter Importance Across Network Types num agents  $old\_theory\_payoff$  $new\_theory\_payoff\_old\_true$ new\_theory\_payoff\_new\_true parameter belief\_strength\_min  $belief\_strength\_max$ network\_type  $h_{index_min}$ cycle wheel complete bipartite  $h\_index\_max$ cliques 60 80 20 40 100 Mean Absolute Elementary Effect Parameter Interactions Across Network Types num\_agents  $old\_theory\_payoff$ new\_theory\_payoff\_old\_true network type new\_theory\_payoff\_new\_true parameter cycle wheel complete bipartite belief strength min cliques  $belief\_strength\_max$ h index min  $h\_index\_max$ 0 50 100 150 200 250 Standard Deviation