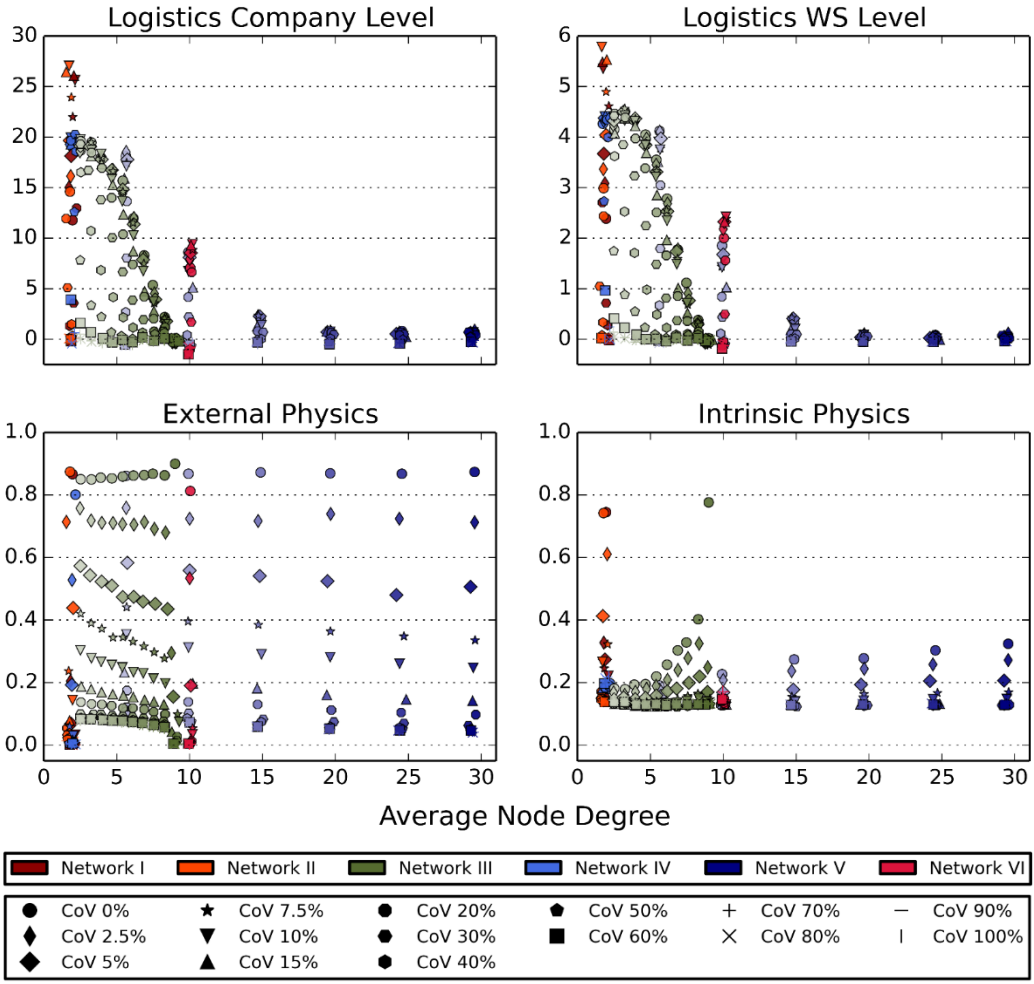

Figure 9: Relation between average node degree and synchronization (values averaged over 30 replications per experiment), for all networks, all CoV values and workload level 90%. Variants of Network III and V are visualized by colour gradient (the darker colour stands for more links in the networks: larger p_c and p).

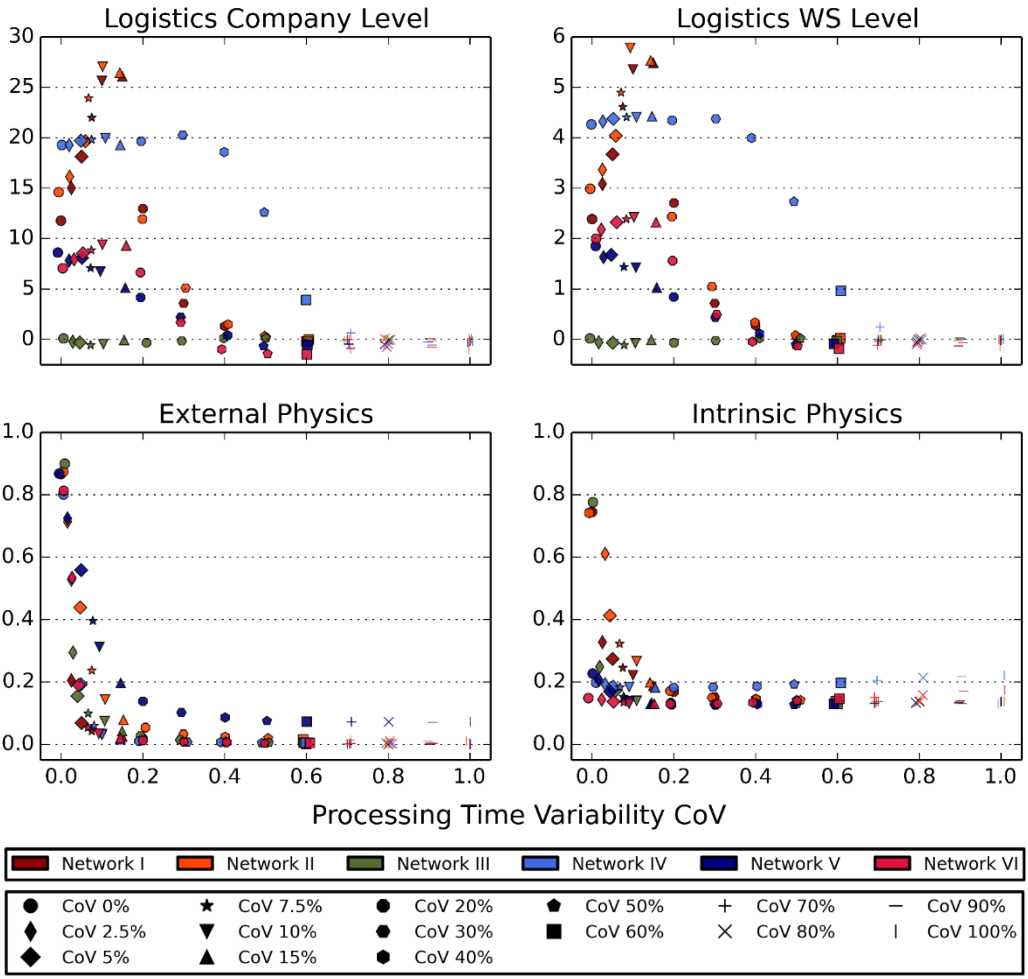

Figure 10: Relation between processing time variability and synchronization (values avaraged over 30 replications per experiment), for six basic networks, all CoV values and workload level 90%.

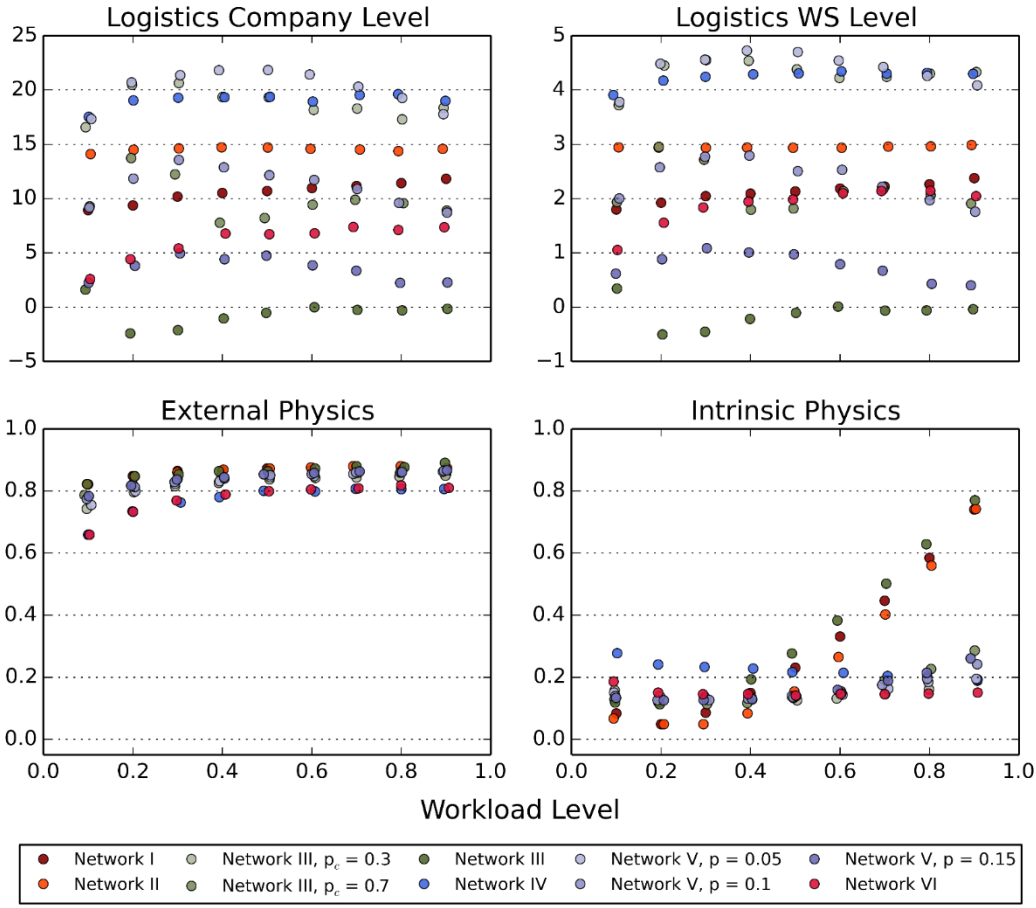

Figure 11: Relation between workload level and synchronization (values averaged over 30 replications per experiment), for six basic networks, two Network III variants (p_c = 0.30 and p_c = 0.70) and two Network V variants (p = 0.05 and p = 0.15), CoV 0% and workload level 10-90%.

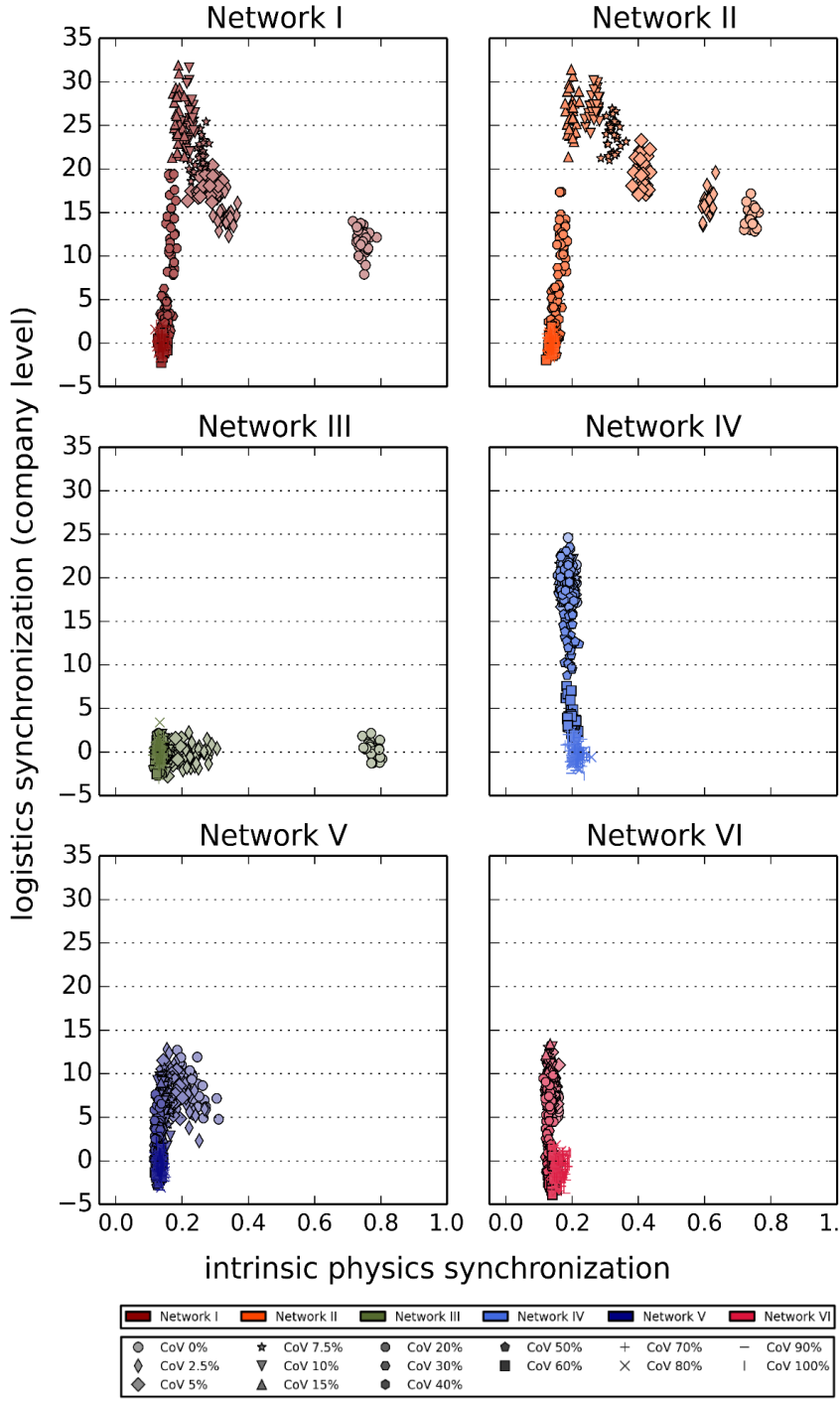

Figure 12: Relation between logistics synchronization on company level (z-score) and intrinsic physics synchronization with interval of 1 day (averaged over all days).

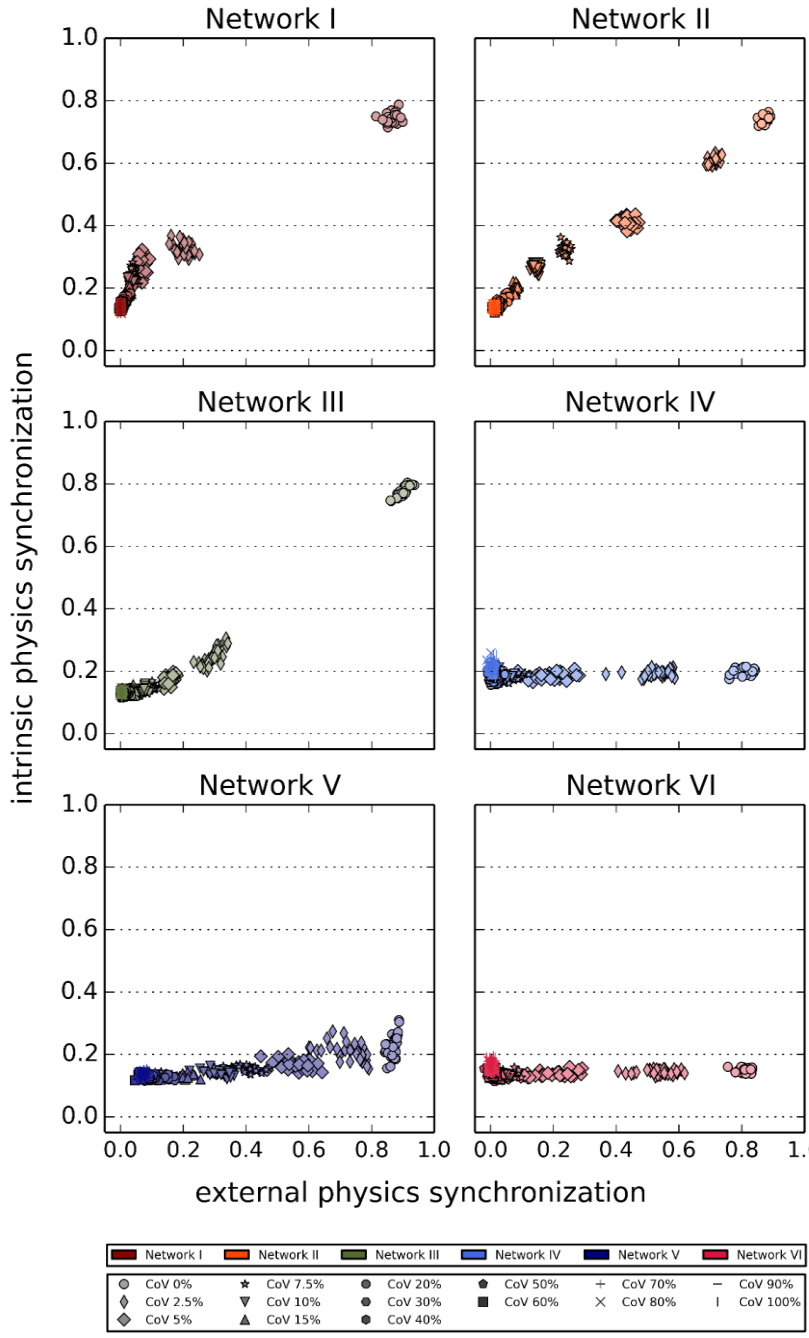

Figure 13: Relation between external physics synchronization for phase ω = 0.1 days (averaged across all WSs) and d intrinsic physics synchronization with interval of 1 day (averaged over all days).

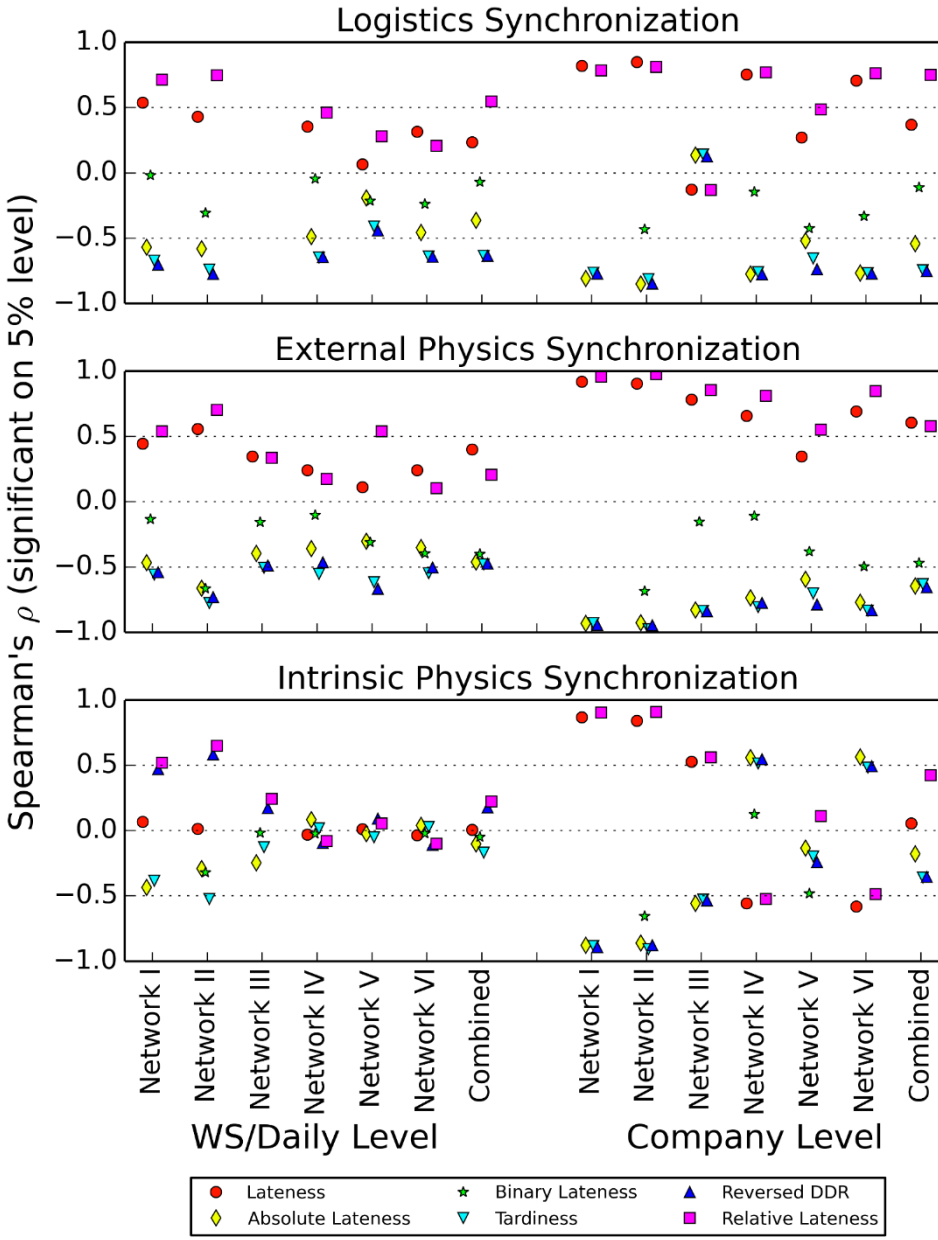

Figure 14: Relation between synchronization and due date performance measures.