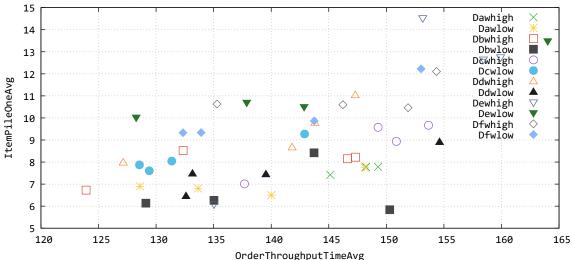
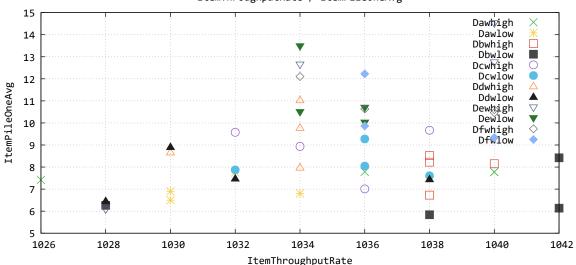
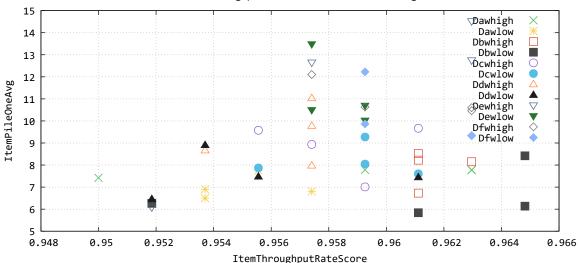
# OrderThroughputTimeAvg / ItemPileOneAvg



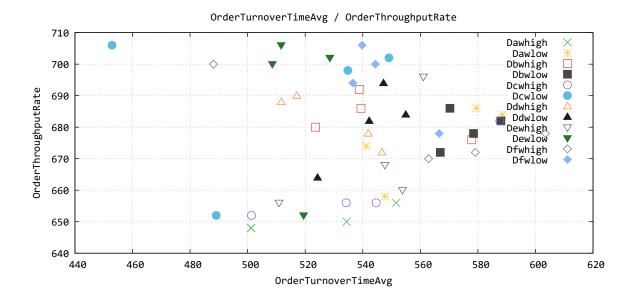
ItemThroughputRate / ItemPileOneAvg

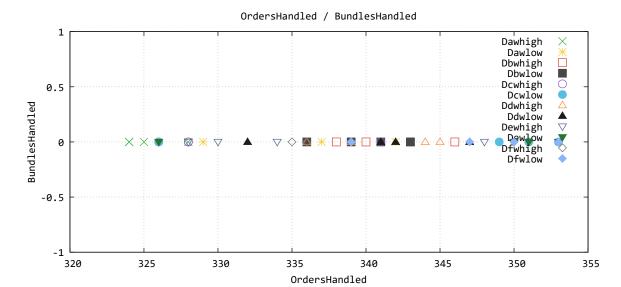


### ItemThroughputRateScore / ItemPileOneAvg



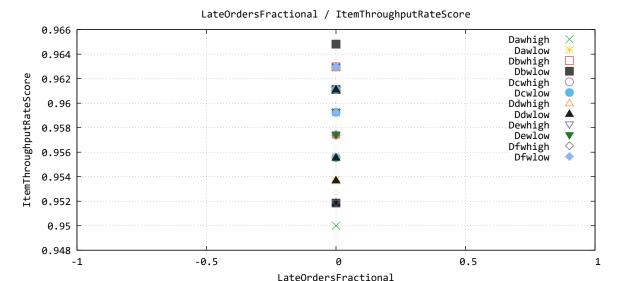
OrderThroughputTimeAvg / OrderThroughputRate Dawhigh Dawlow Dbwhigh Dbwlow Dcwhigh Dcwlow OrderThroughputRate Ddwhigh Ddwlow Dewhigh Dewlow Dfwhigh Dfwlow OrderThroughputTimeAvg

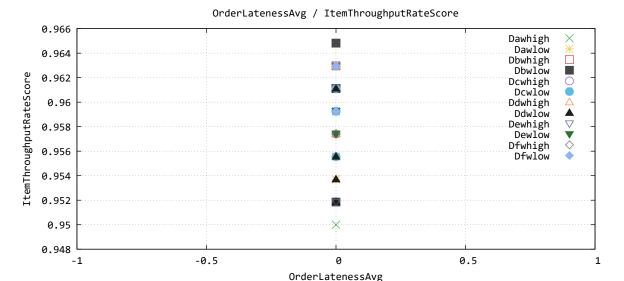




TripDistance / ItemPileOneAvg 15 Dawhigh Dawlow Dbwhigh Dbwlow 13 Dcwhigh Dcwlow Ddwhigh Ddwlow ItemPileOneAvg 11 Dewhigh Dewlow 10 Ofwhigh Dfwlow 14.6 14.8 15 15.2 15.4 15.6 15.8 16 16.2 16.4 16.6 16.8

TripDistance





## LateOrdersFractional / OrderLatenessAvg Dawhigh Dawlow Dbwhigh Dbwlow Dcwhigh Dcwlow Downlow Downigh Downlow Ddwhigh Ddwlow Dewhigh Dewlow 0.5 OrderLatenessAvg Dfwhigh Dfwlow -0.5

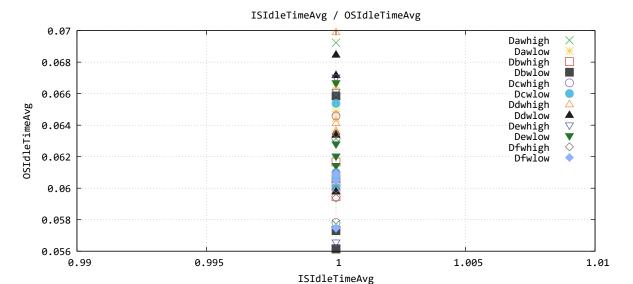
-0.5

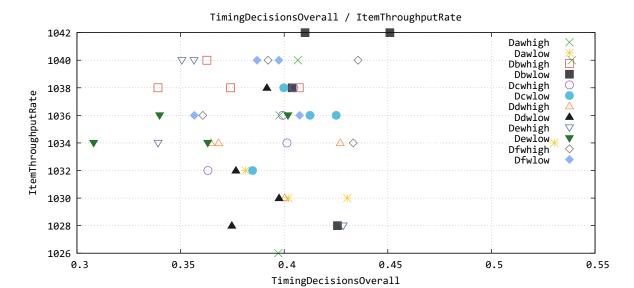
LateOrdersFractional

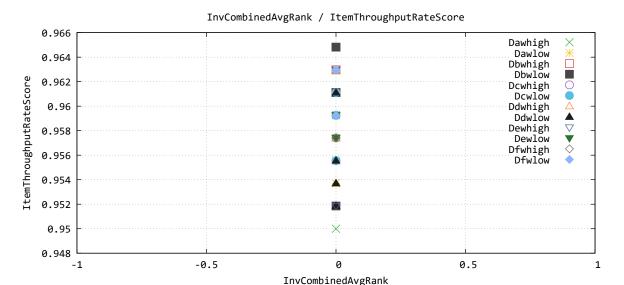
0.5

#### ItemThroughputRateScore / OrderOffsetAvg -9980 √Dawhigh Dawlow -10000 Dbwhigh Dbwlow -10020 √Dcwhigh -10040 Dcwlow Ddwhigh OrderOffsetAvg -10060 Ddwlow Dewhigh Dewlow -10080 → fwhigh -10100 Dfwlow -10120 -10140 -10160 -10180 -10200 0.948 0.95 0.952 0.954 0.956 0.958 0.96 0.962 0.964 0.966

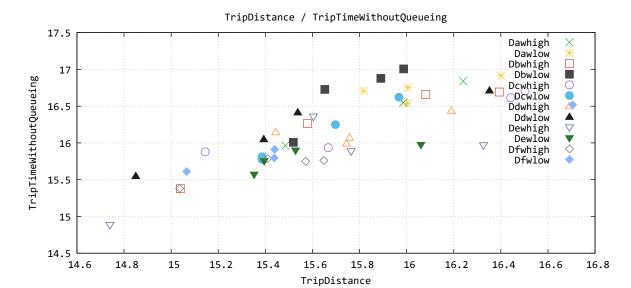
ItemThroughputRateScore

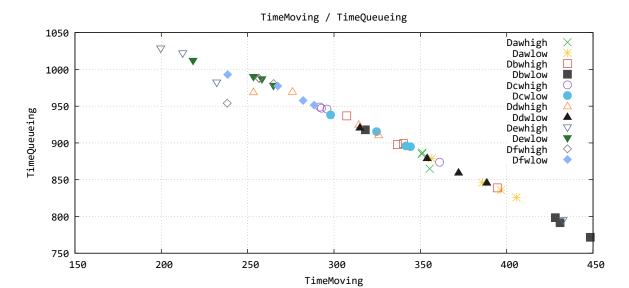






TripDistance / TripTime 110 Dawhigh Dawlow Dbwhigh Dbwlow 100 Dcwhigh Dcwlow 90 Ddwhigh Ddwlow TripTime Dewhigh Dewlow 80 Dfwhigh Dfwlow 70 60 50 14.6 14.8 15 15.8 16 15.2 15.4 15.6 16.2 16.4 16.6 16.8 TripDistance





TimeQueueing / ItemThroughputRateScore 0.966 Dawhigh Dawlow 0.964 Dbwhigh Dbwlow  ${ t ItemThroughputRateScore}$ 0.962 Dcwhigh Dcwlow Ddwhigh Ddwlow 0.96 Dewhigh Dewlow 0.958 Dfwhigh Dfwlow 0.956 0.954 0.952 0.95 0.948 750 800 850 900 950 1000 1050 TimeQueueing

### DistanceTraveledPerBot / ItemThroughputRateScore 0.966 Dawhigh Dawlow 0.964 Dbwhigh Dbwlow ${ t ItemThroughputRateScore}$ 0.962 Dcwhigh Dcwlow Ddwhigh Ddwlow 0.96 Dewhigh Dewlow 0.958 Dfwhigh Dfwlow 0.956 0.954 0.952 0.95 0.948 150 200 250 300 350 400 450

DistanceTraveledPerBot