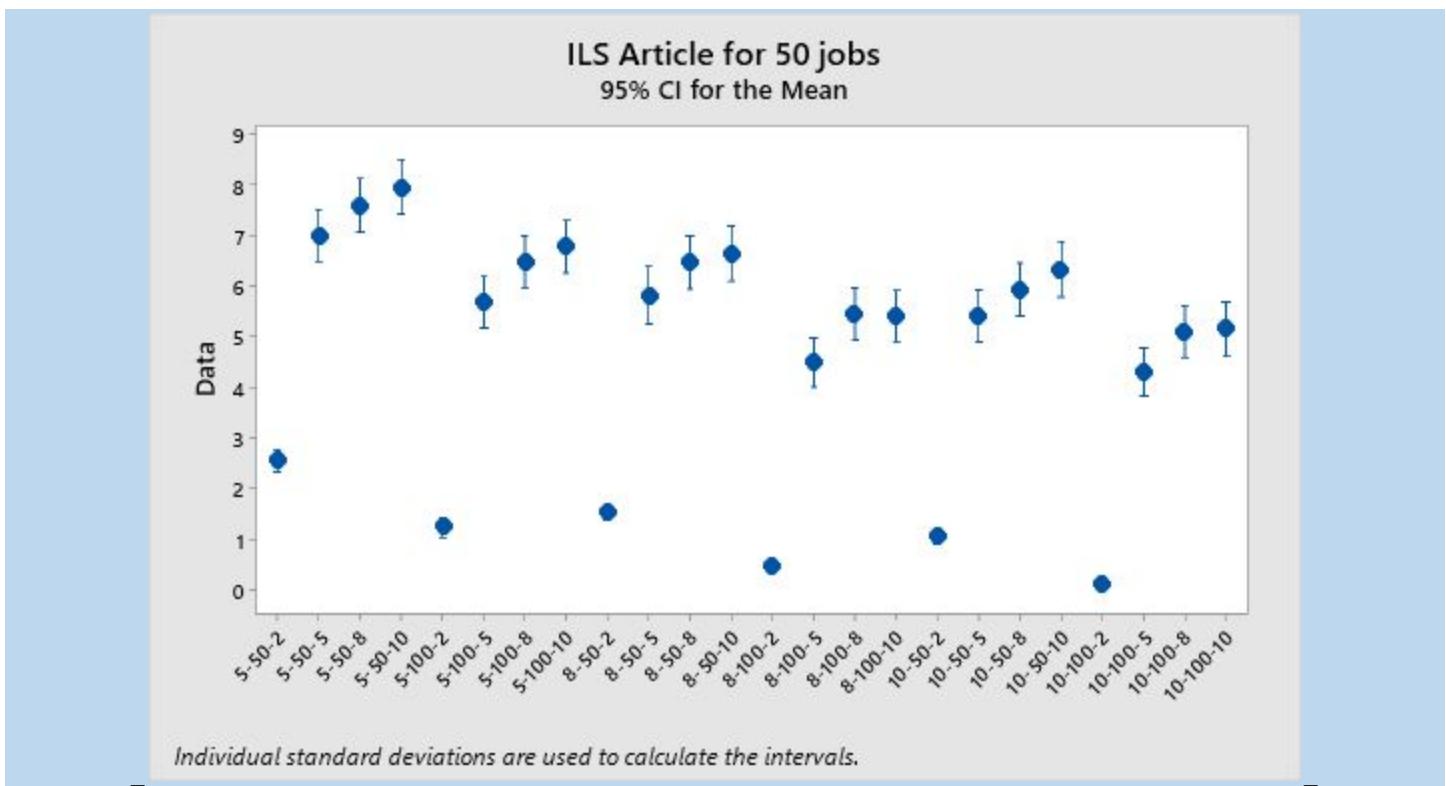
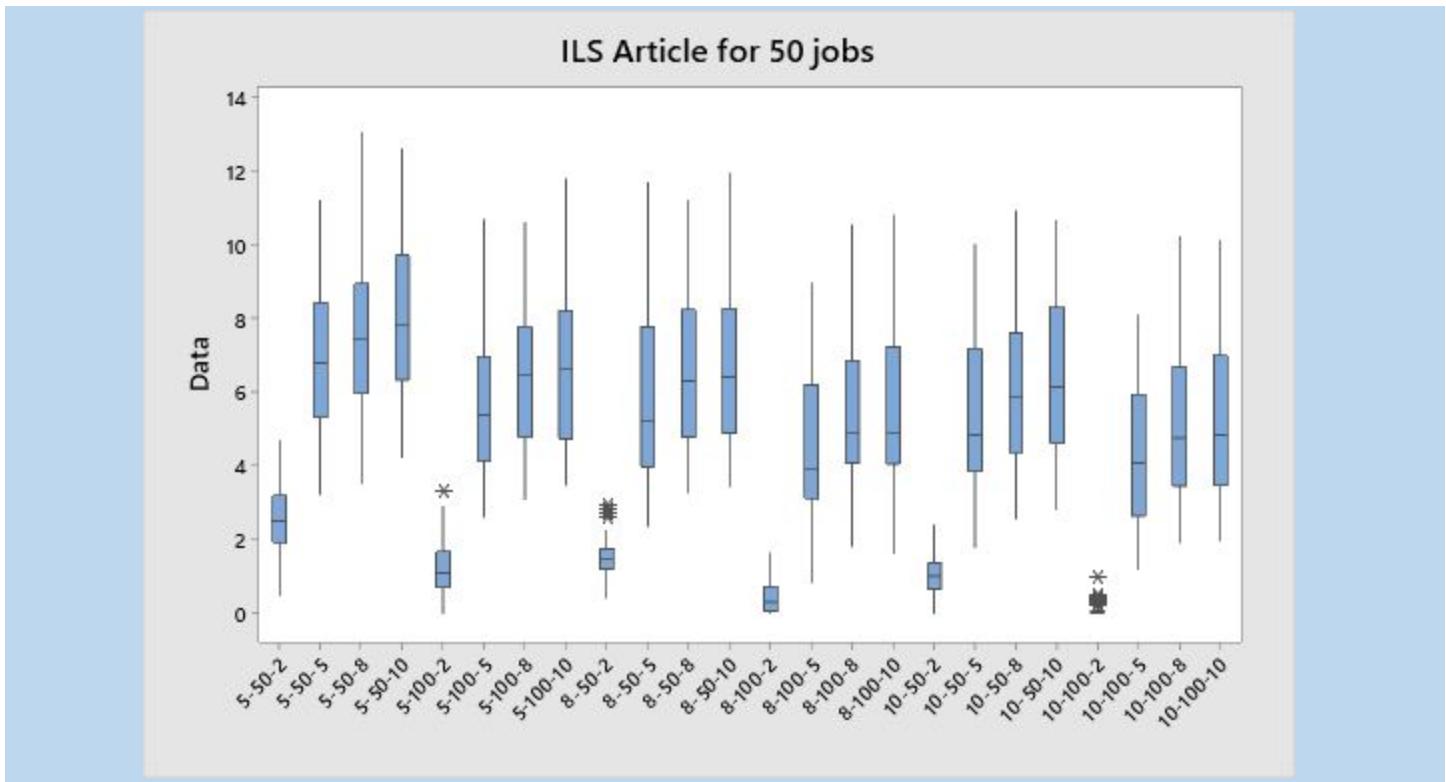
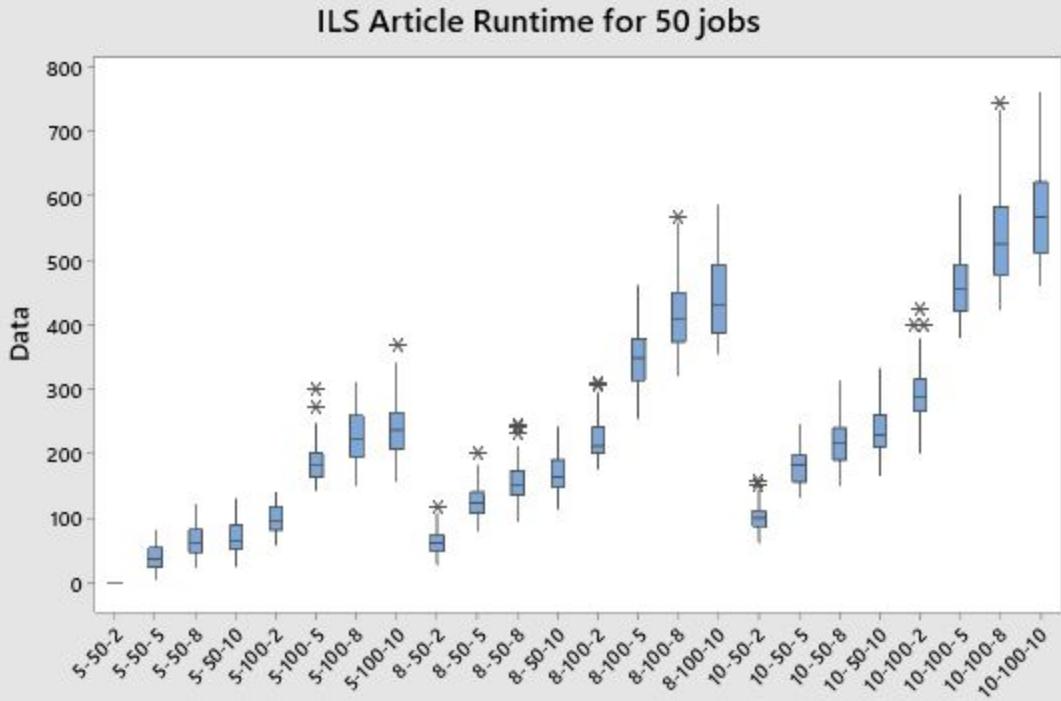


ILS-RVND with Custom Route Enhancement

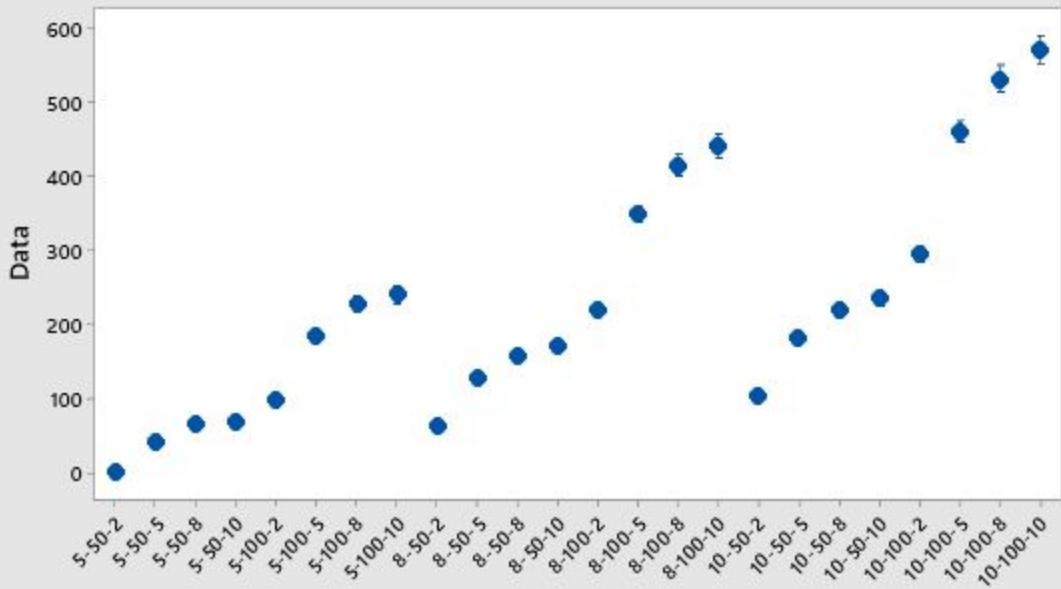
50 jobs OBJ FUNCTION



50 jobs TIME

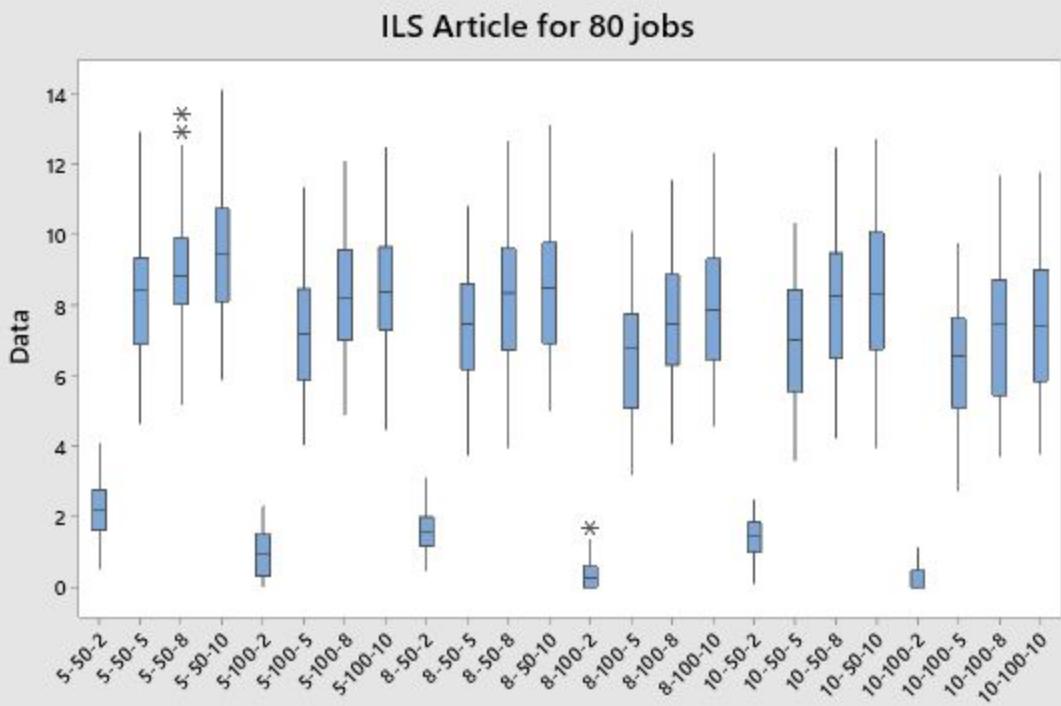


ILS Article Runtime for 50 jobs
95% CI for the Mean

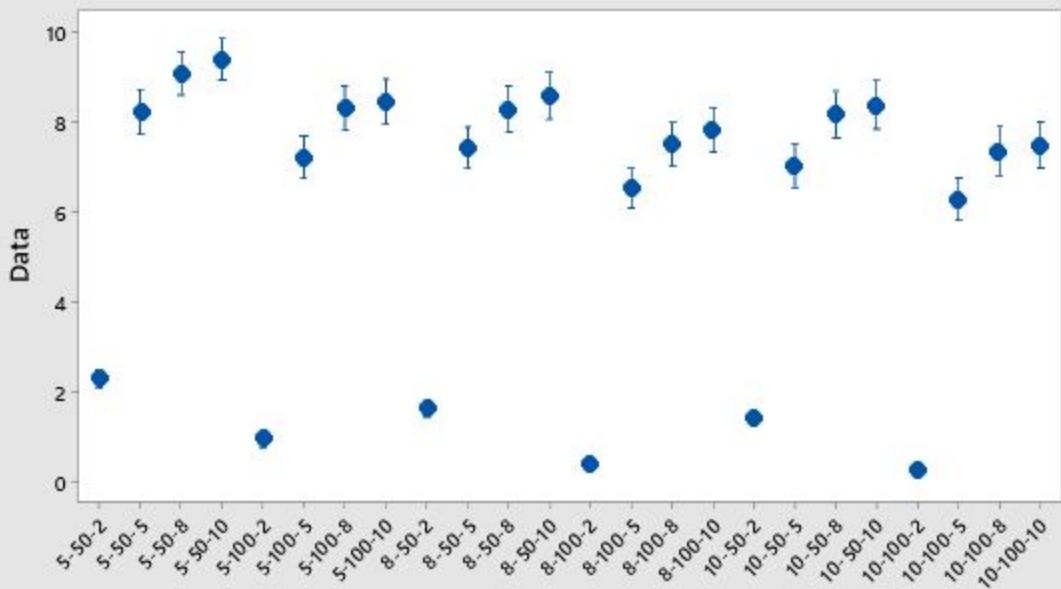


Individual standard deviations are used to calculate the intervals.

80 jobs OBJ FUNCTION

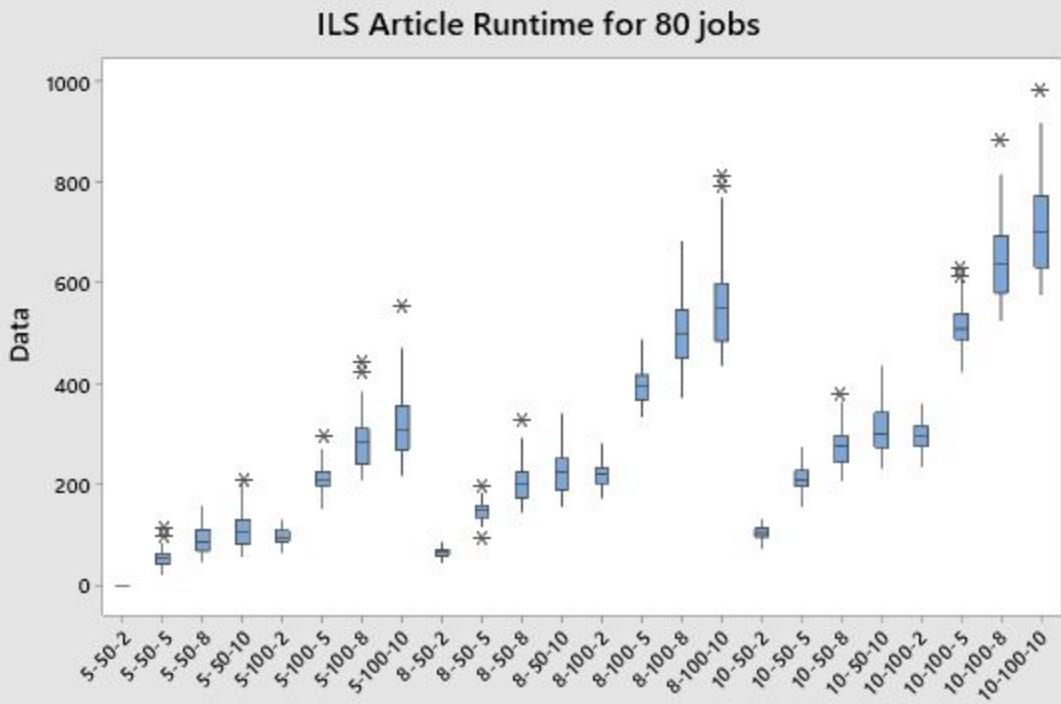


ILS Article for 80 jobs
95% CI for the Mean

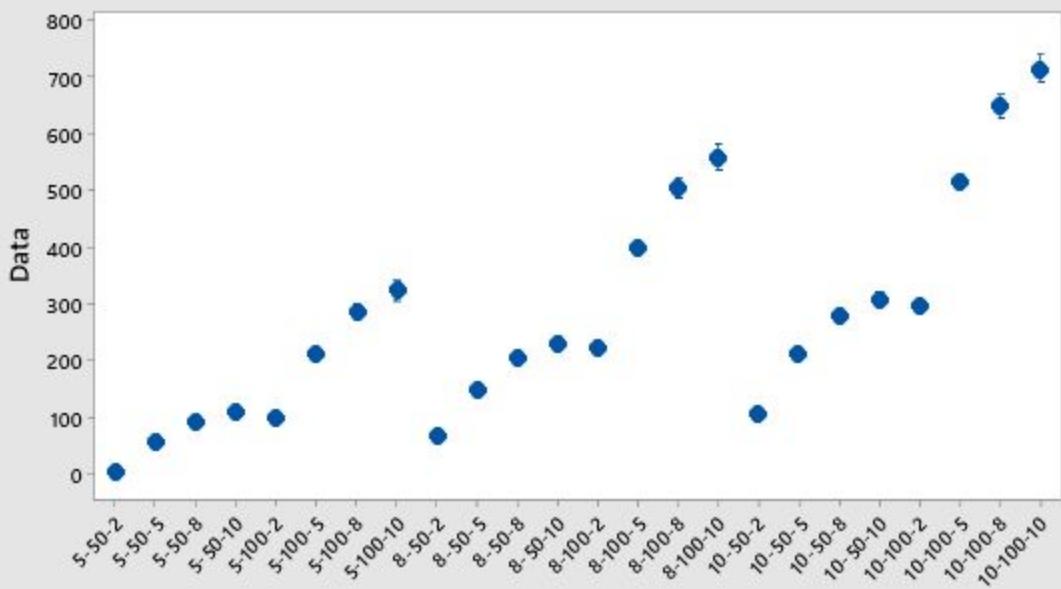


Individual standard deviations are used to calculate the intervals.

80 jobs TIME

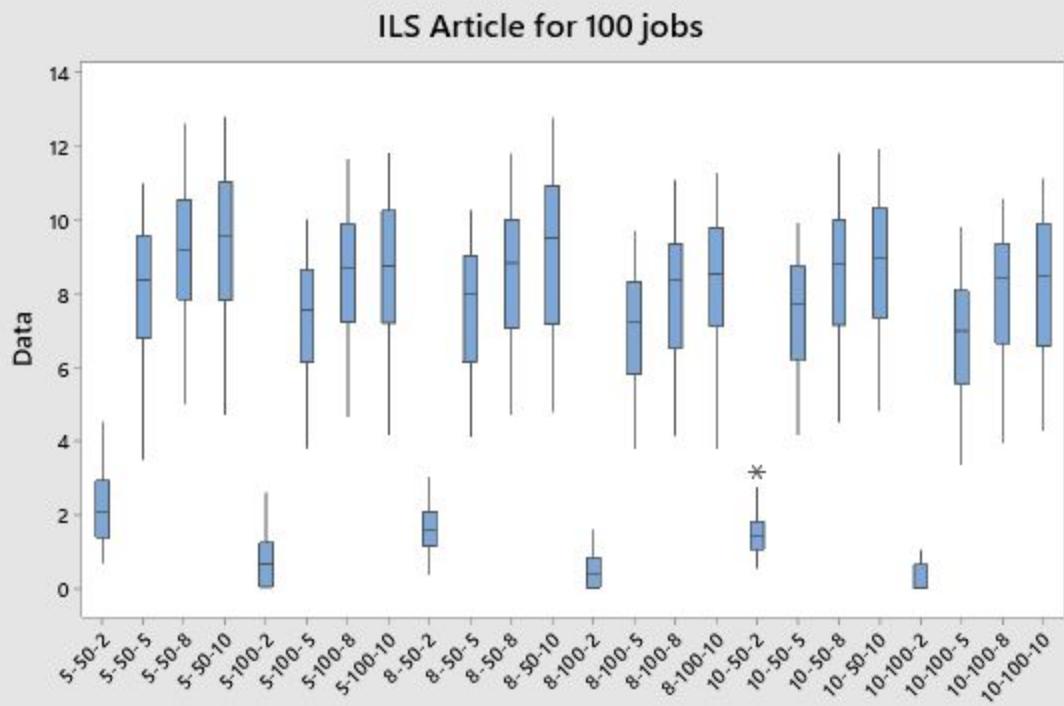


ILS Article Runtime for 80 jobs
95% CI for the Mean

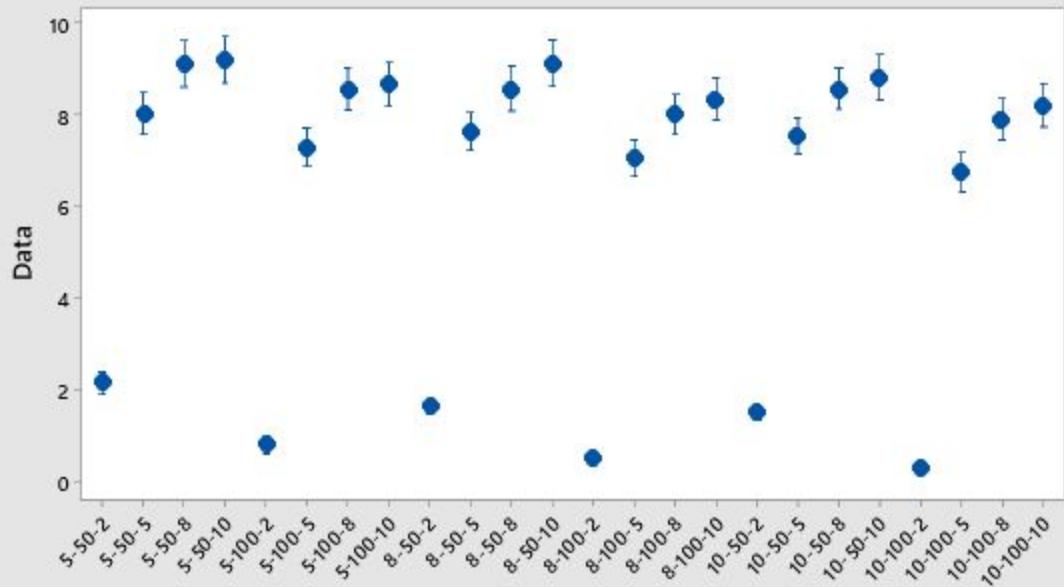


Individual standard deviations are used to calculate the intervals.

100 jobs OBJ FUNCTION

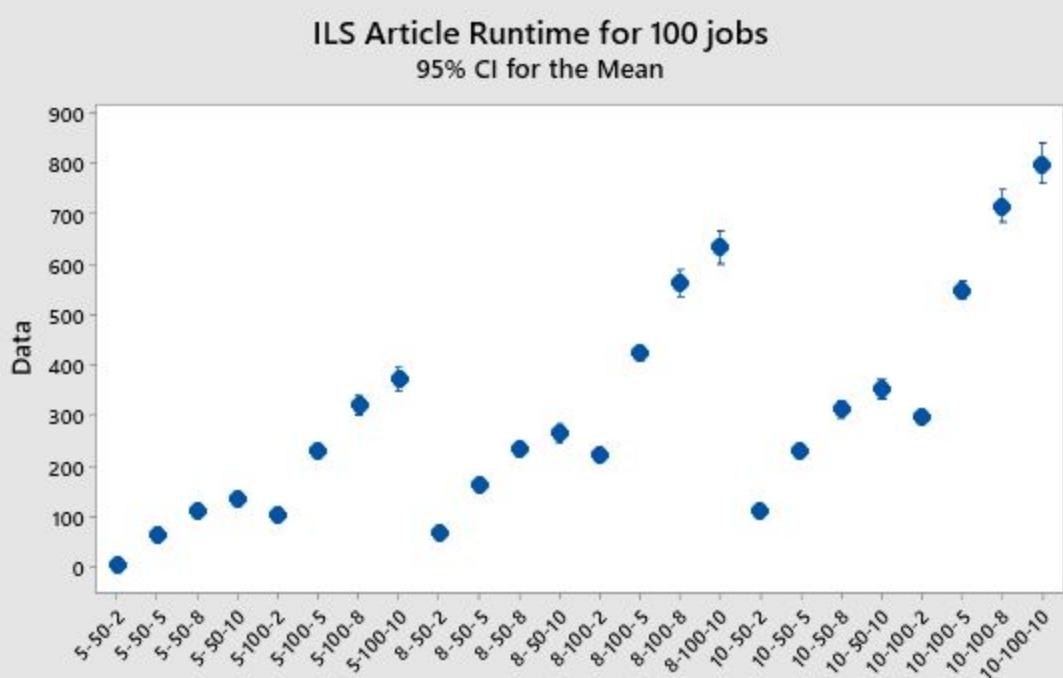
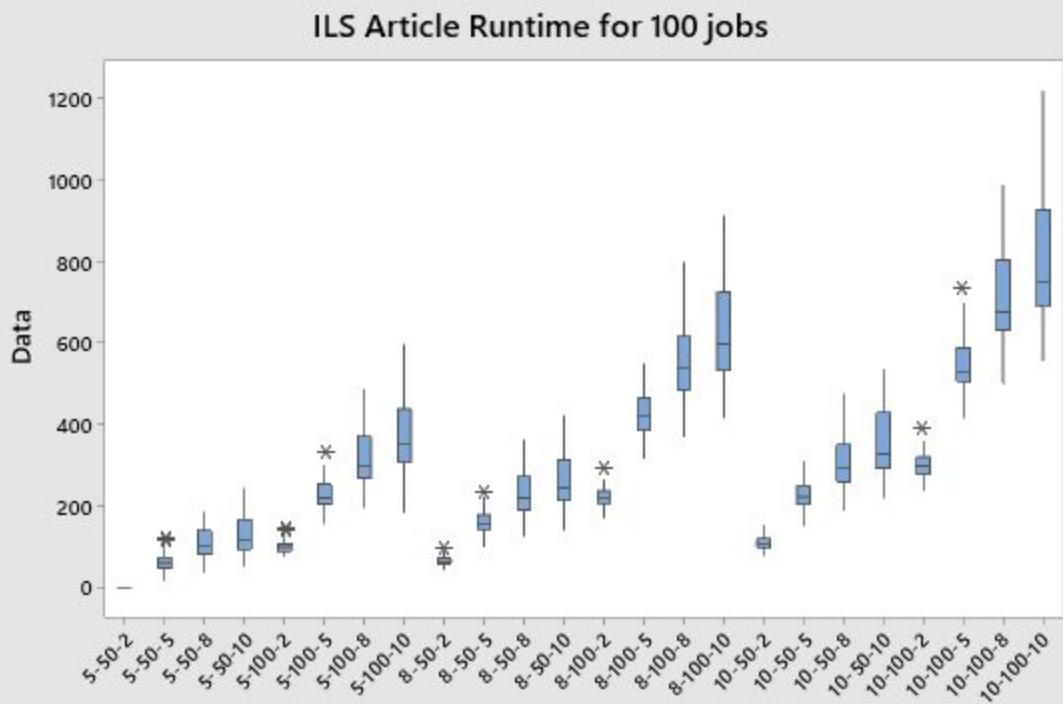


ILS Article for 100 jobs
95% CI for the Mean



Individual standard deviations are used to calculate the intervals.

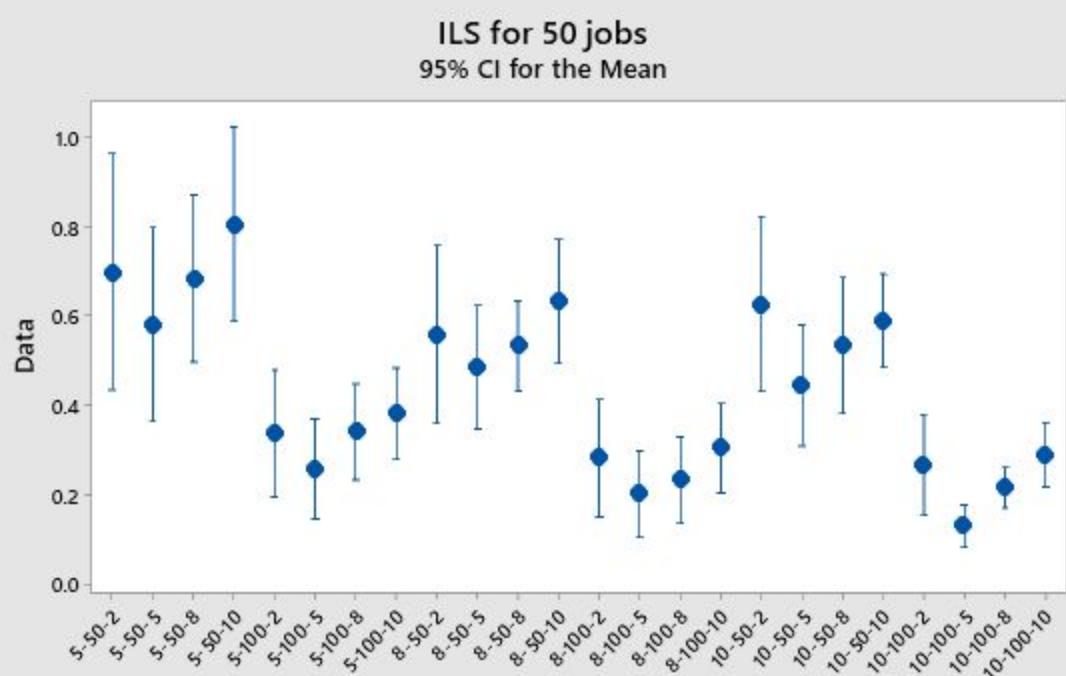
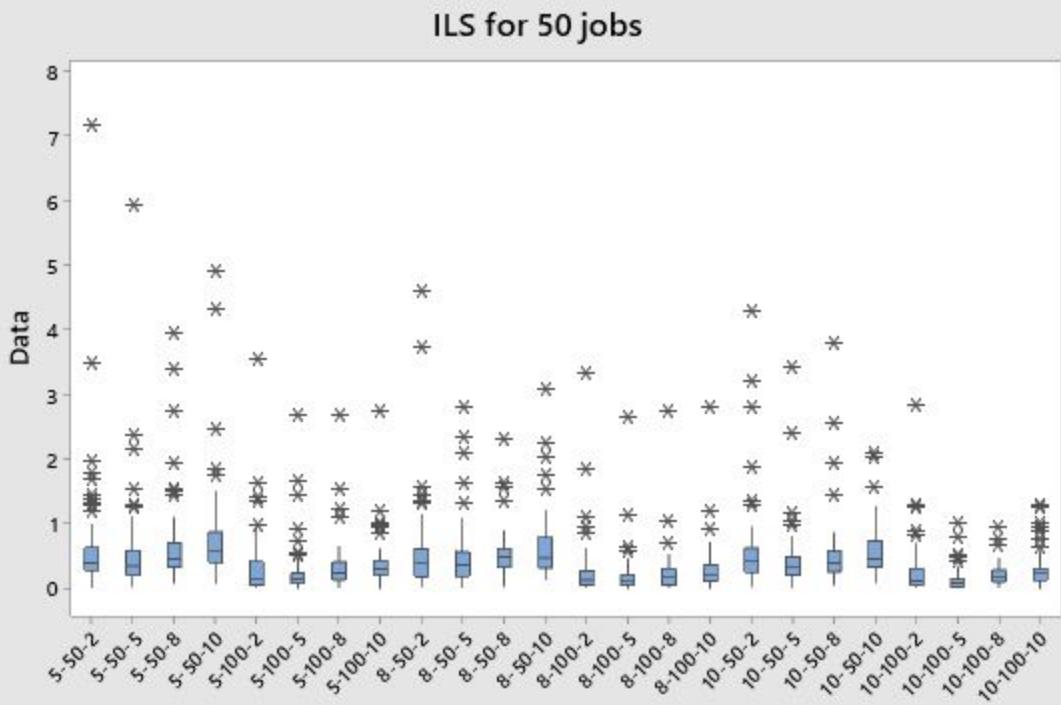
100 jobs TIME



Individual standard deviations are used to calculate the intervals.

ILS-RVND

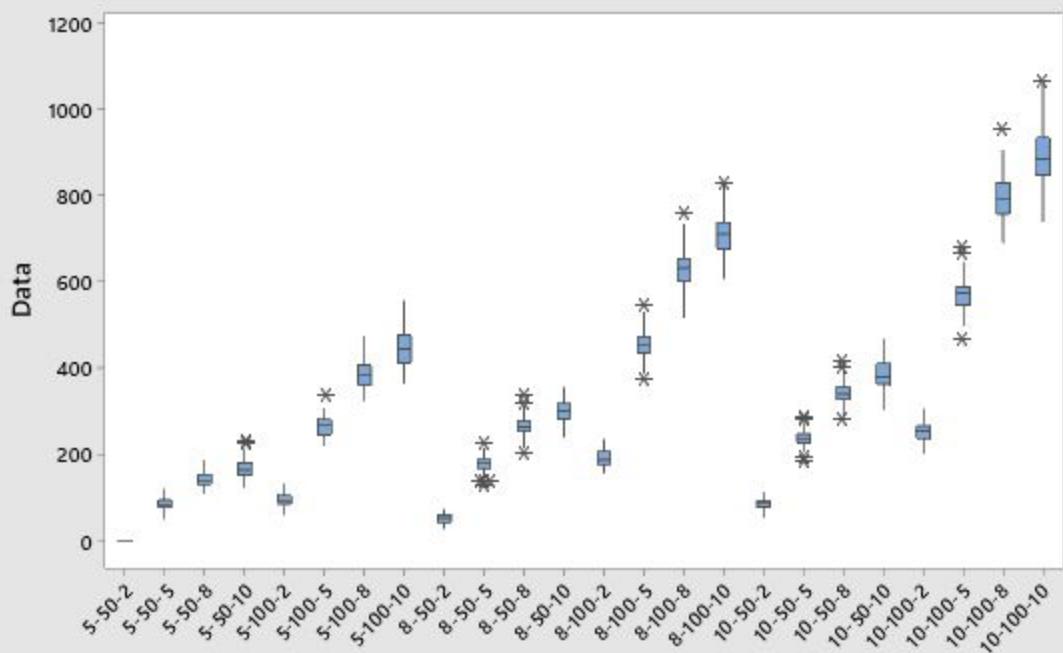
50 jobs OBJ FUNCTION



Individual standard deviations are used to calculate the intervals.

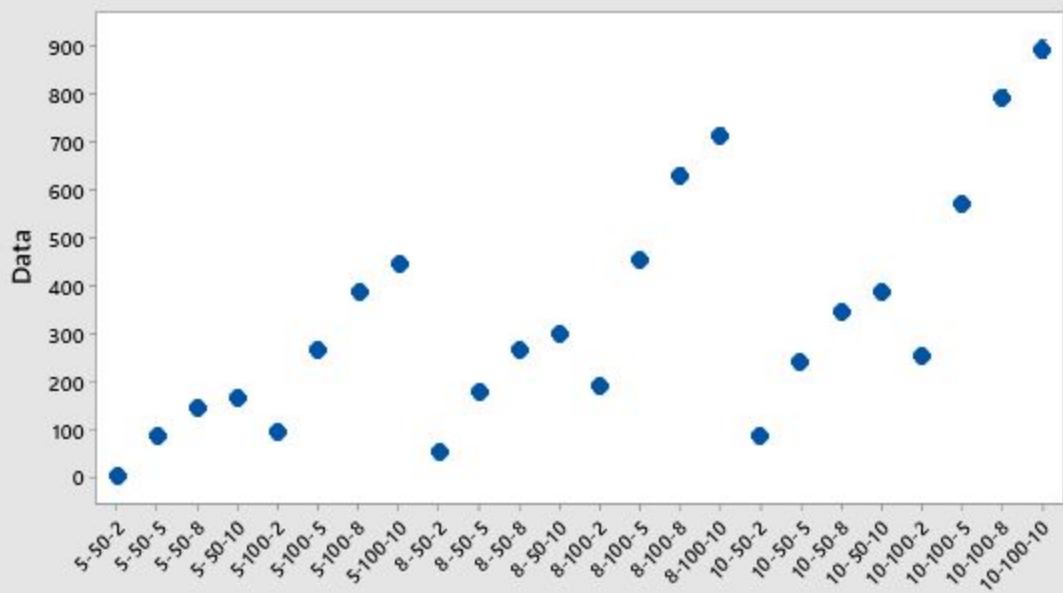
50 jobs TIME

ILS Runtime for 50 jobs



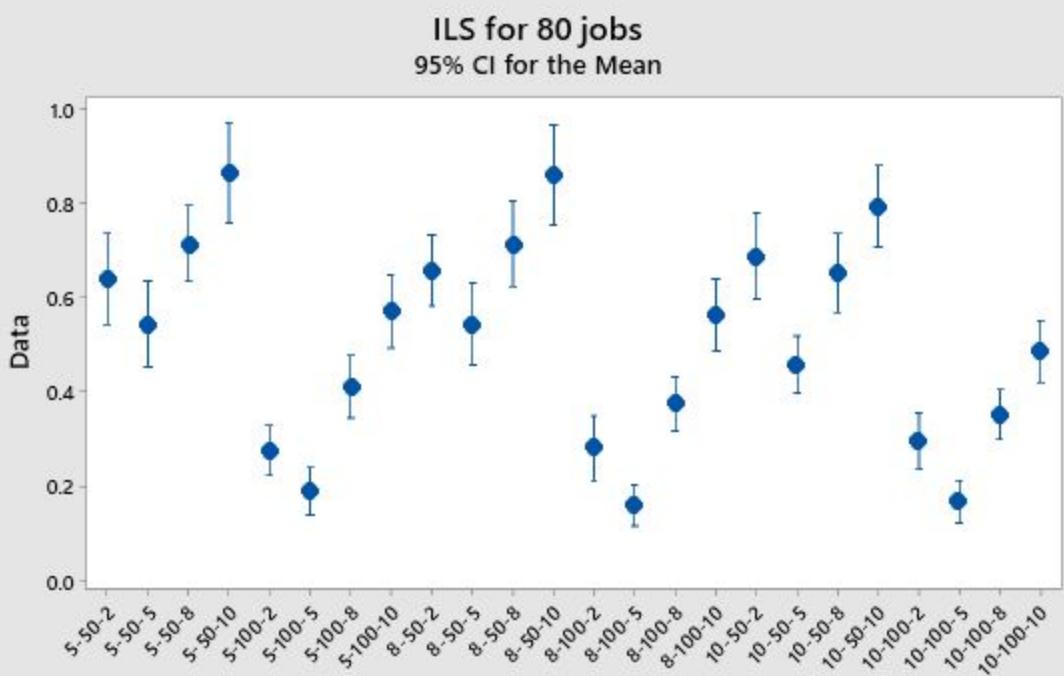
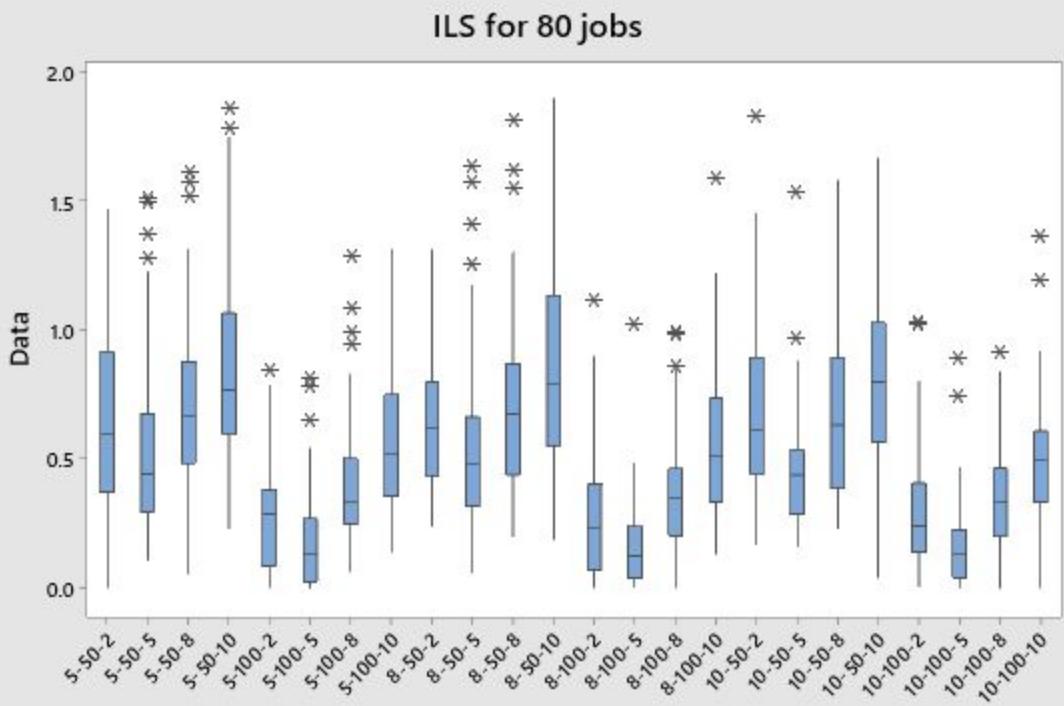
ILS Runtime for 50 jobs

95% CI for the Mean



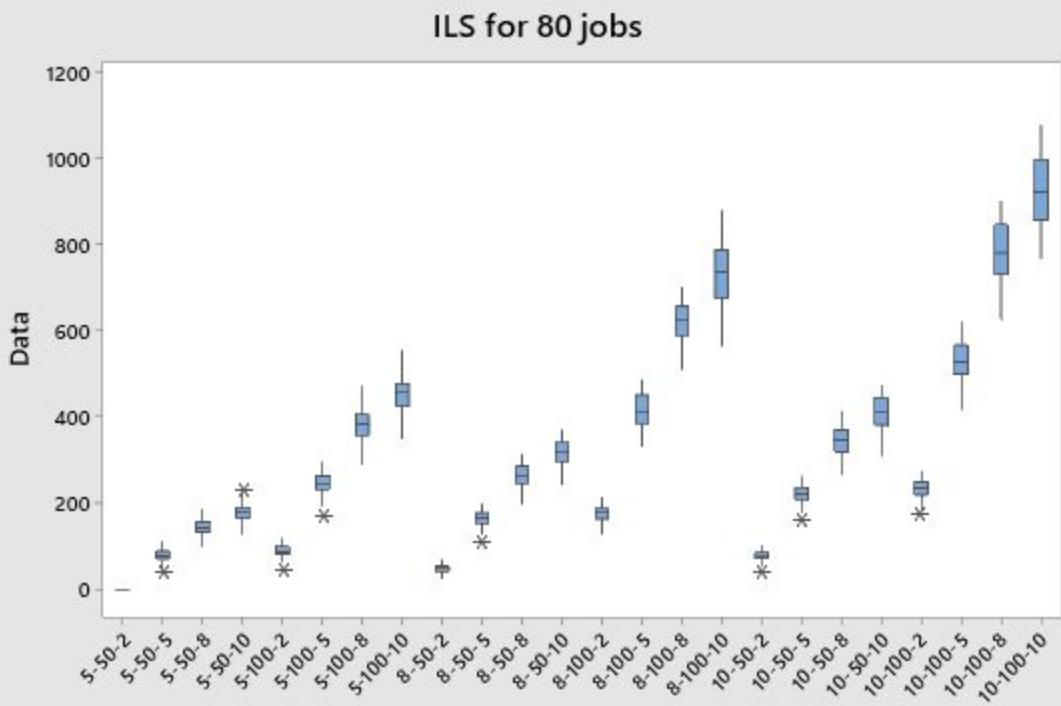
Individual standard deviations are used to calculate the intervals.

80 jobs OBJ FUNCTION

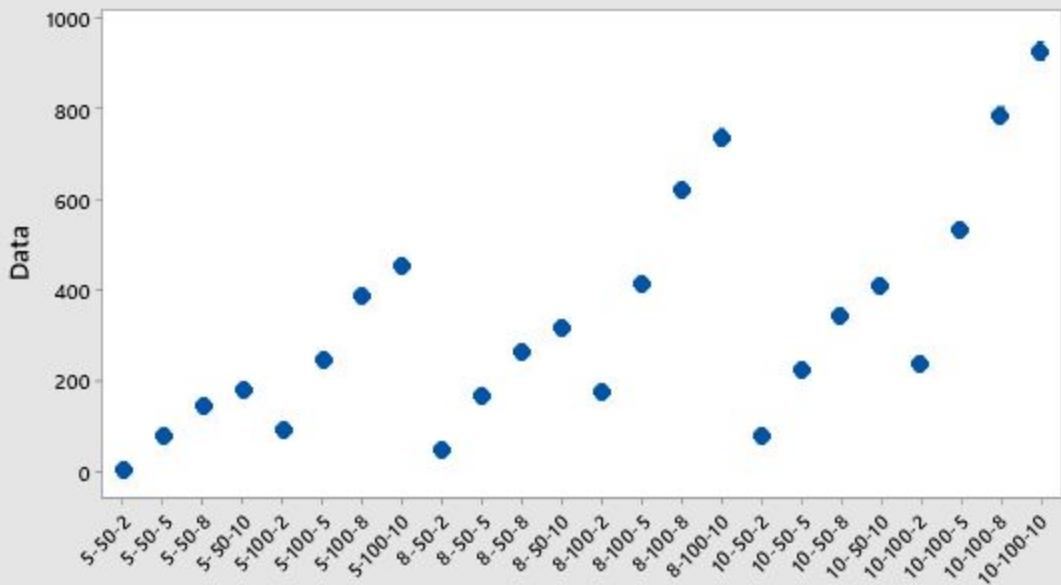


Individual standard deviations are used to calculate the intervals.

80 jobs TIME

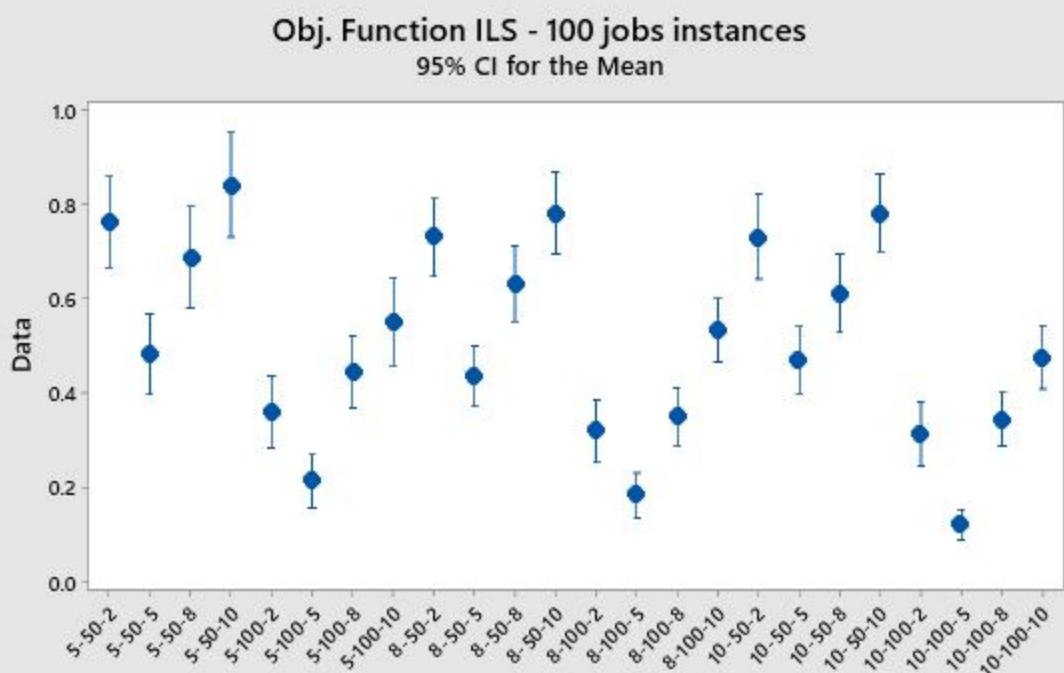
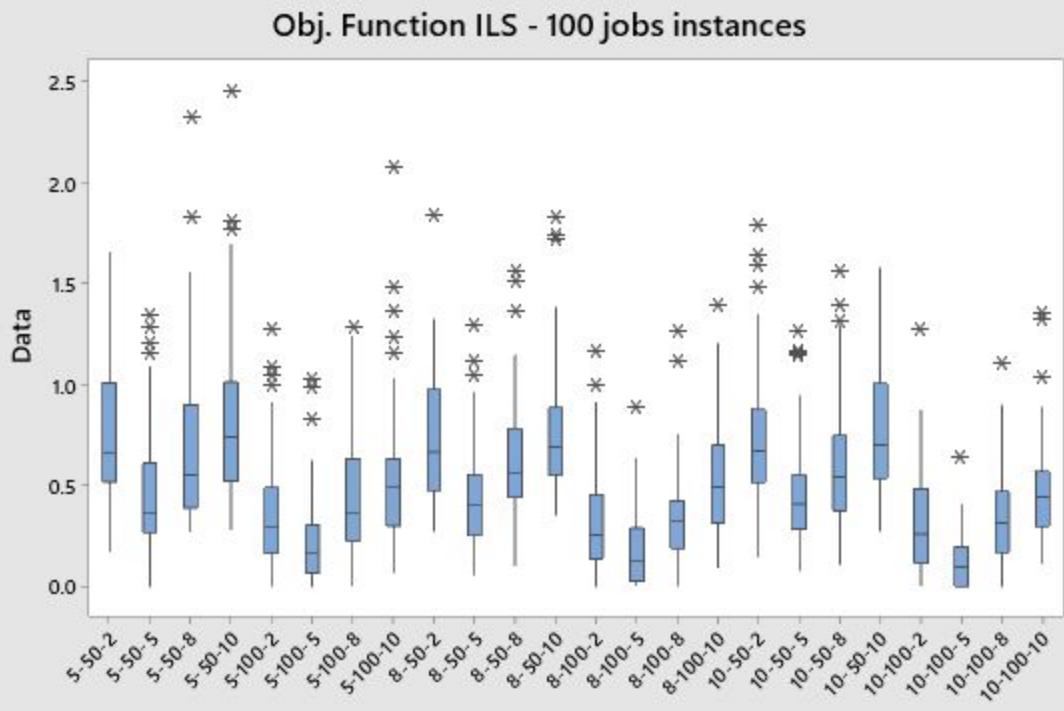


ILS for 80 jobs
95% CI for the Mean



Individual standard deviations are used to calculate the intervals.

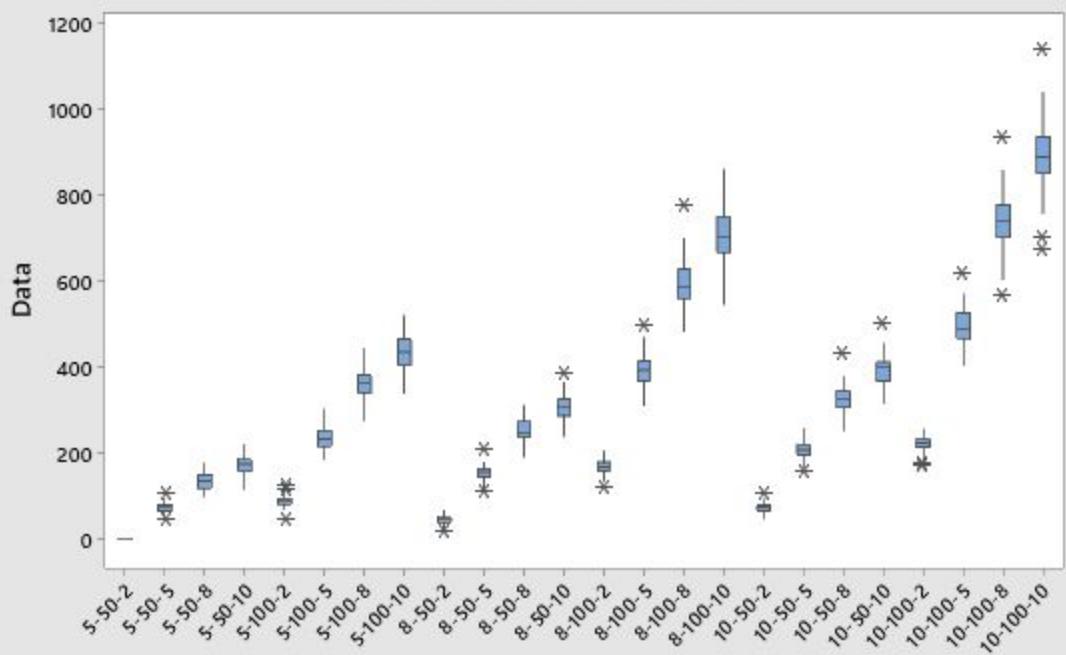
100 jobs OBJ FUNCTION



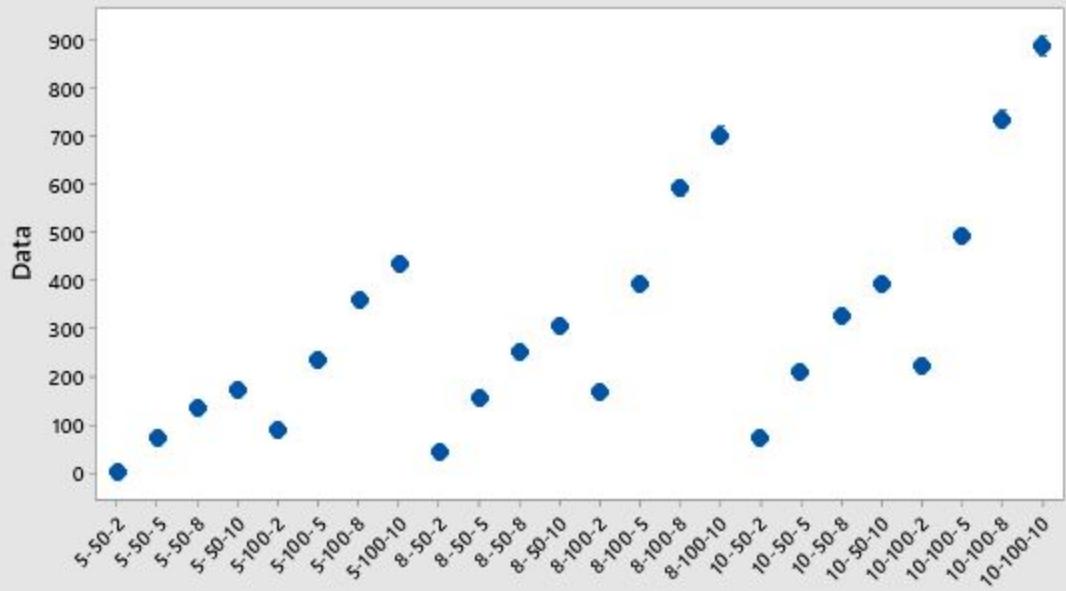
Individual standard deviations are used to calculate the intervals.

100 jobs TIME

Time ILS - 100 jobs instances



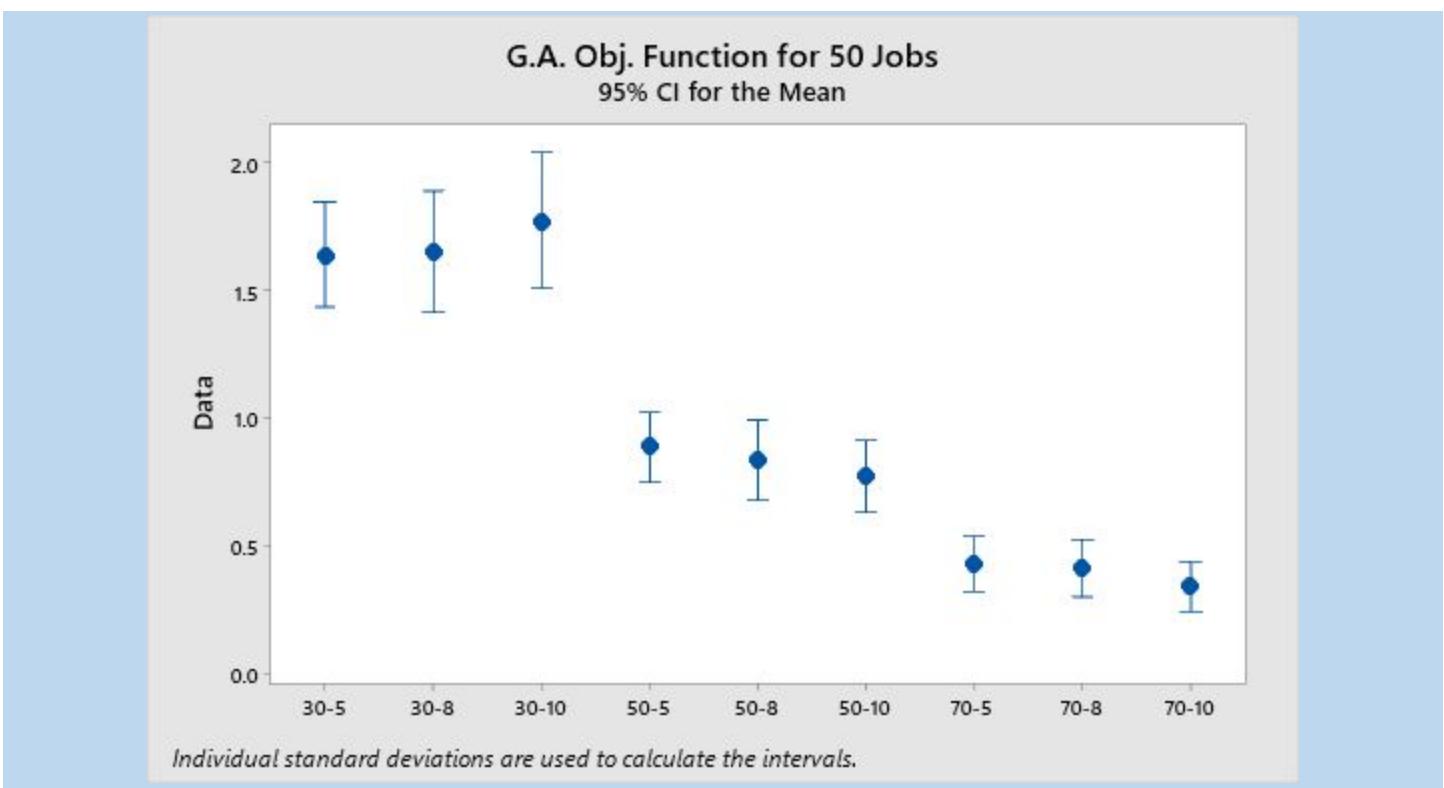
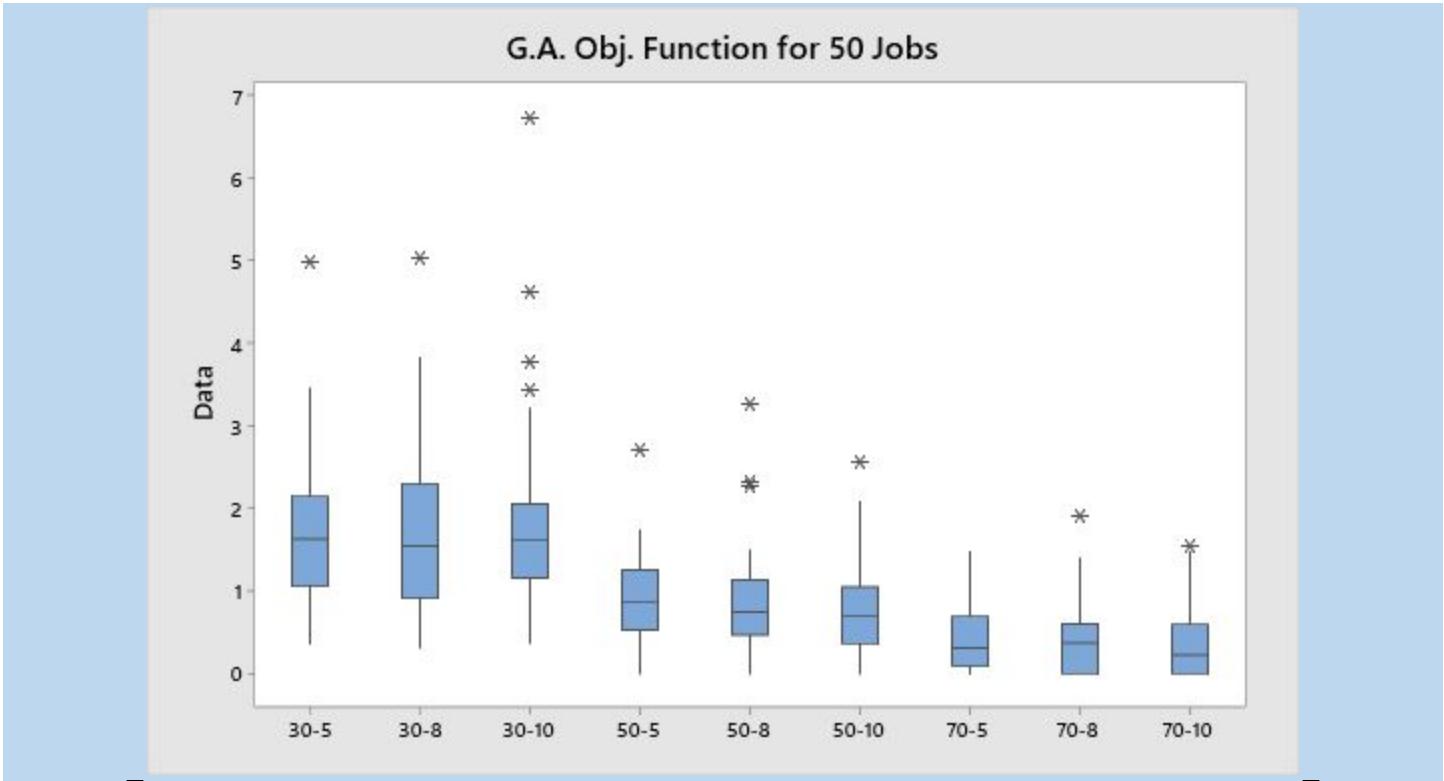
Time ILS - 100 jobs instances
95% CI for the Mean



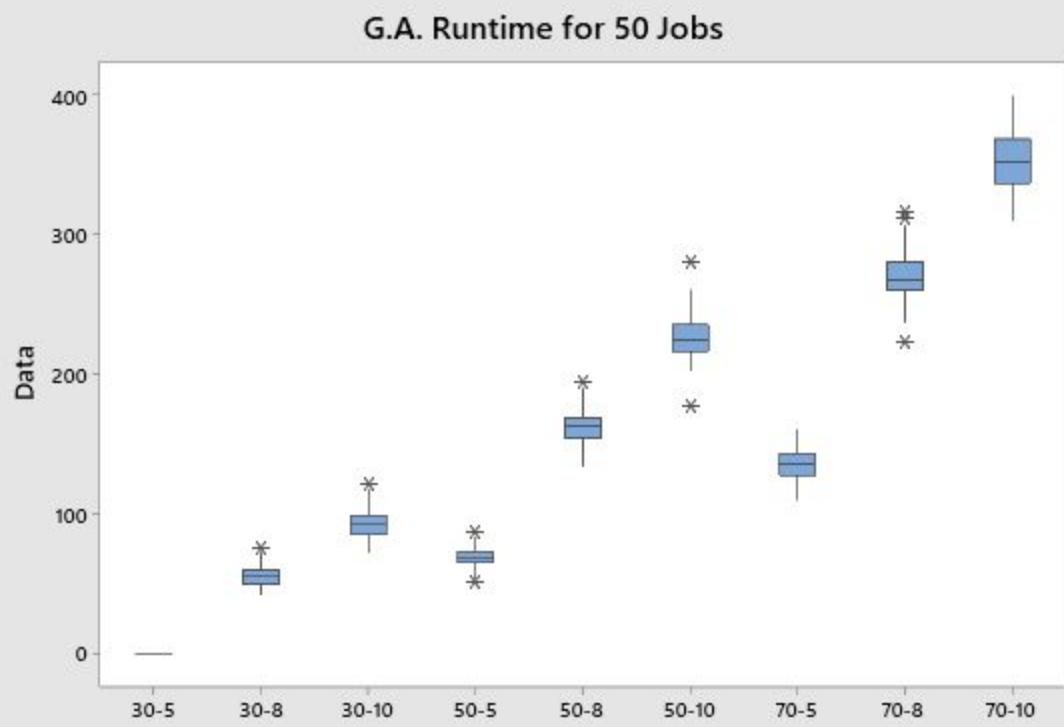
Individual standard deviations are used to calculate the intervals.

Genetic Algorithm

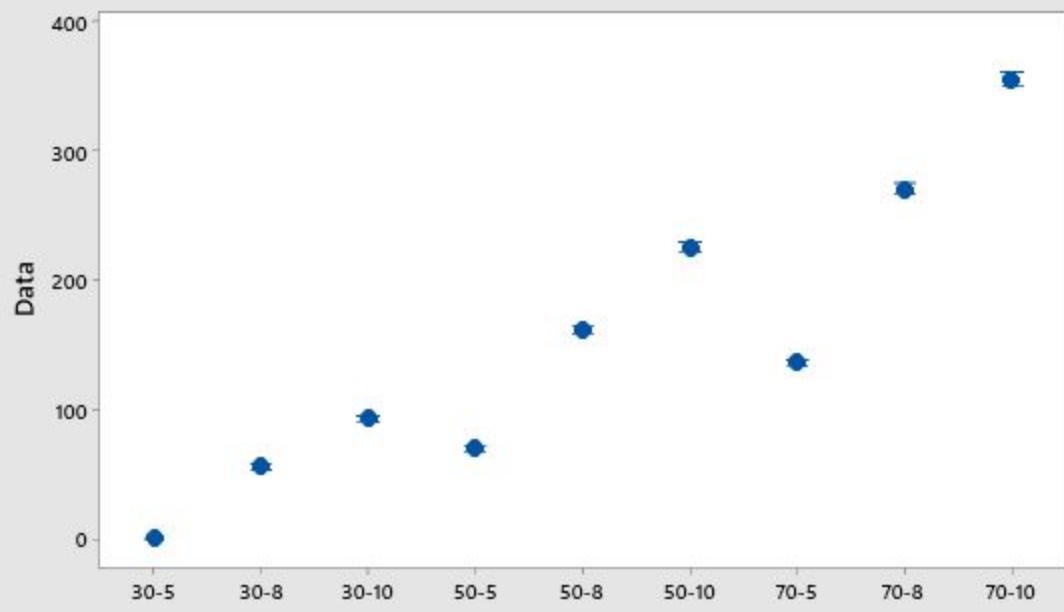
50 jobs OBJ FUNCTION



50 jobs TIME

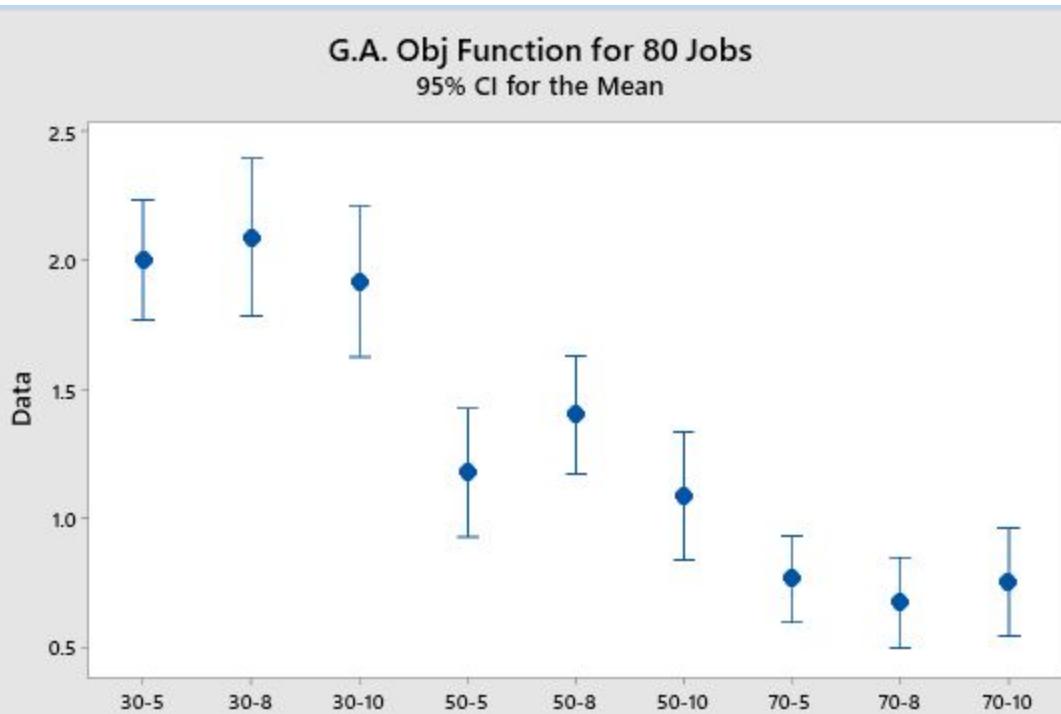
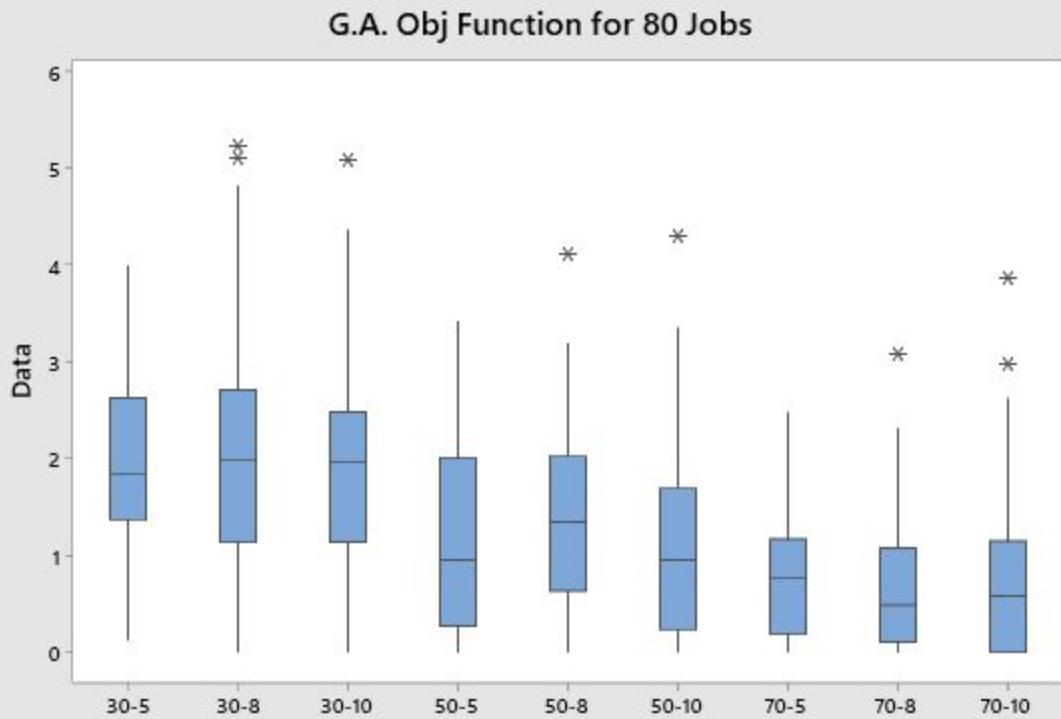


G.A. Runtime for 50 Jobs
95% CI for the Mean



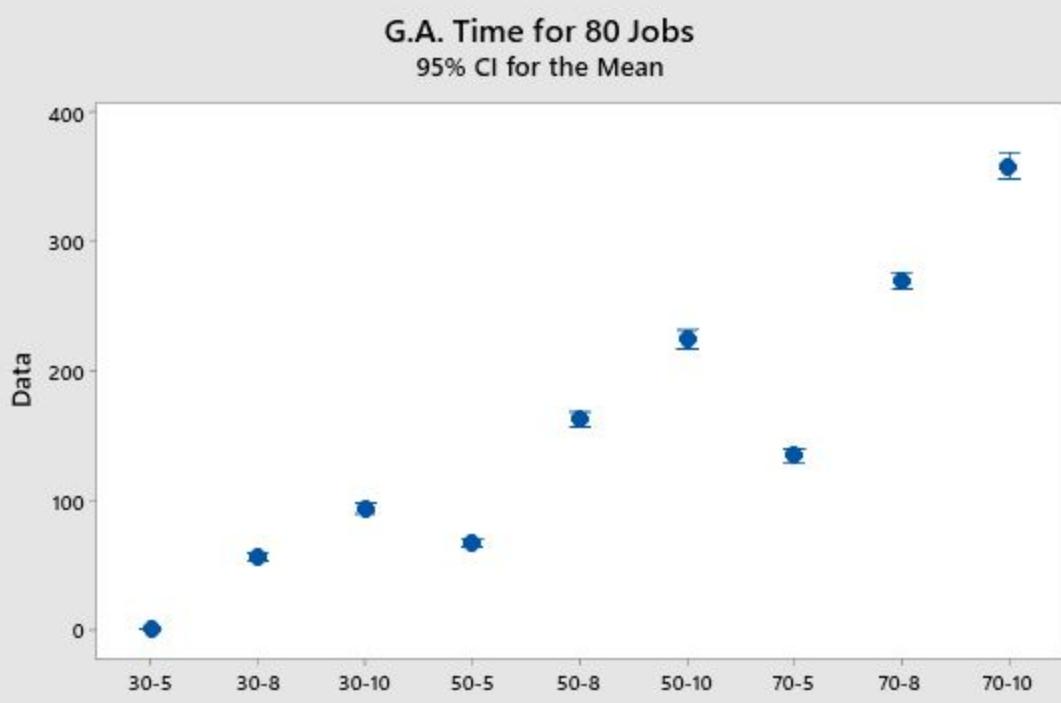
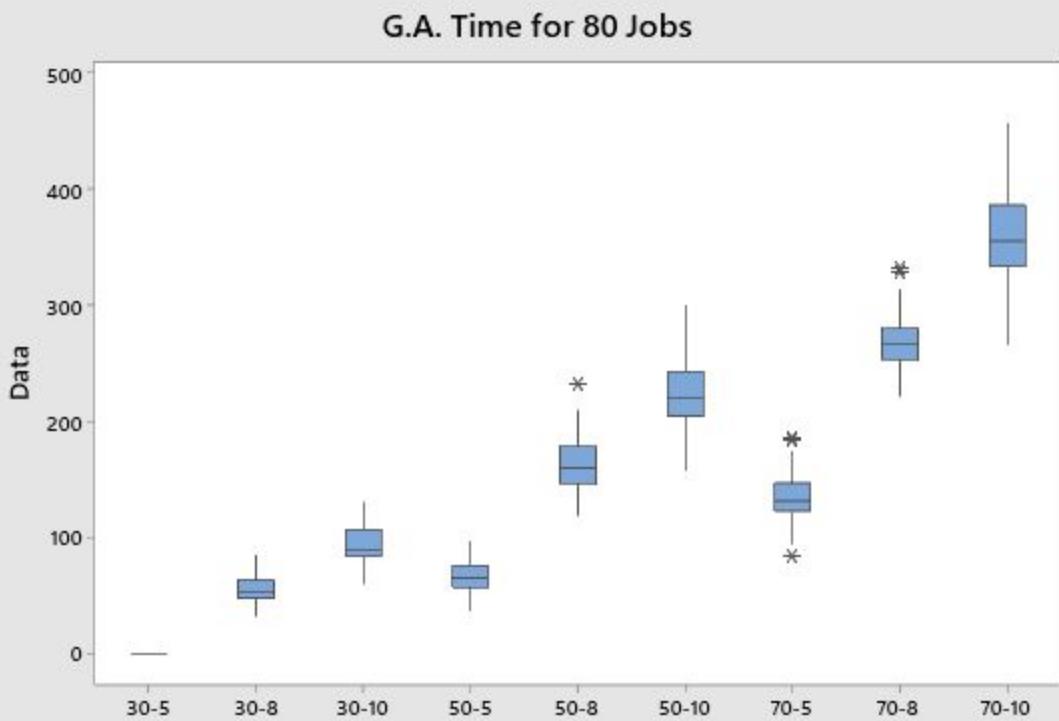
Individual standard deviations are used to calculate the intervals.

80 jobs OBJ FUNCTION



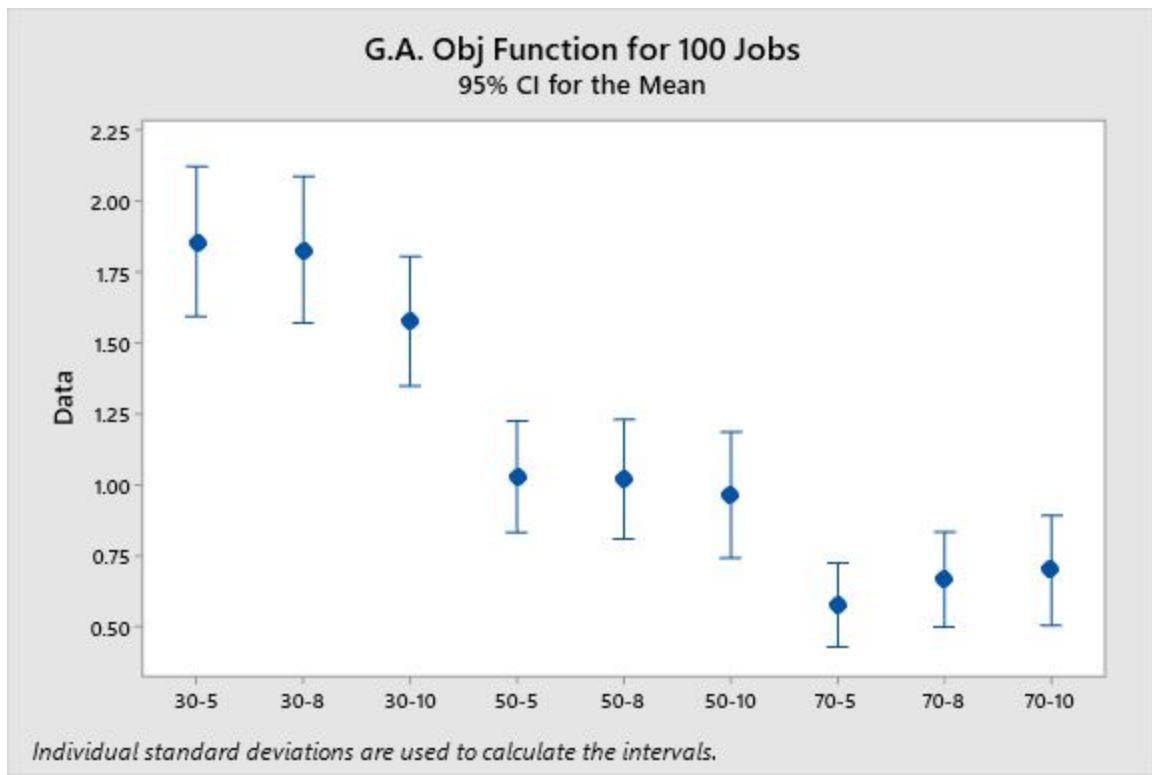
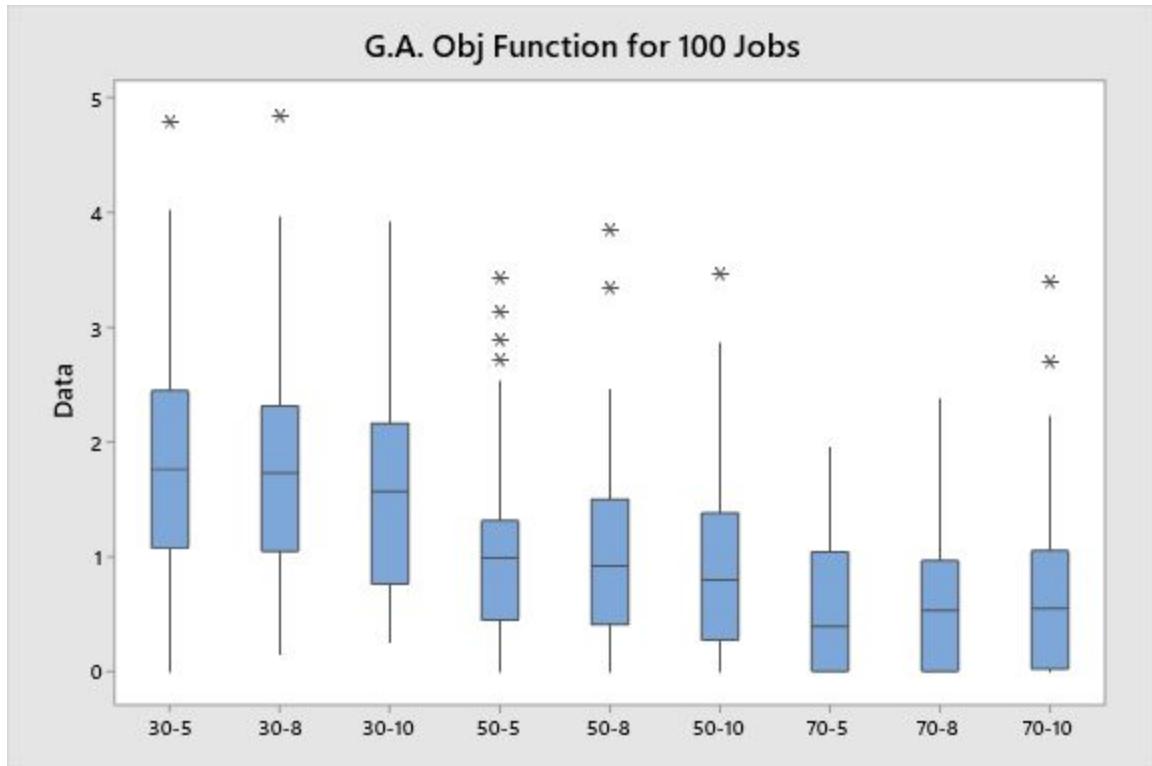
Individual standard deviations are used to calculate the intervals.

80 jobs TIME

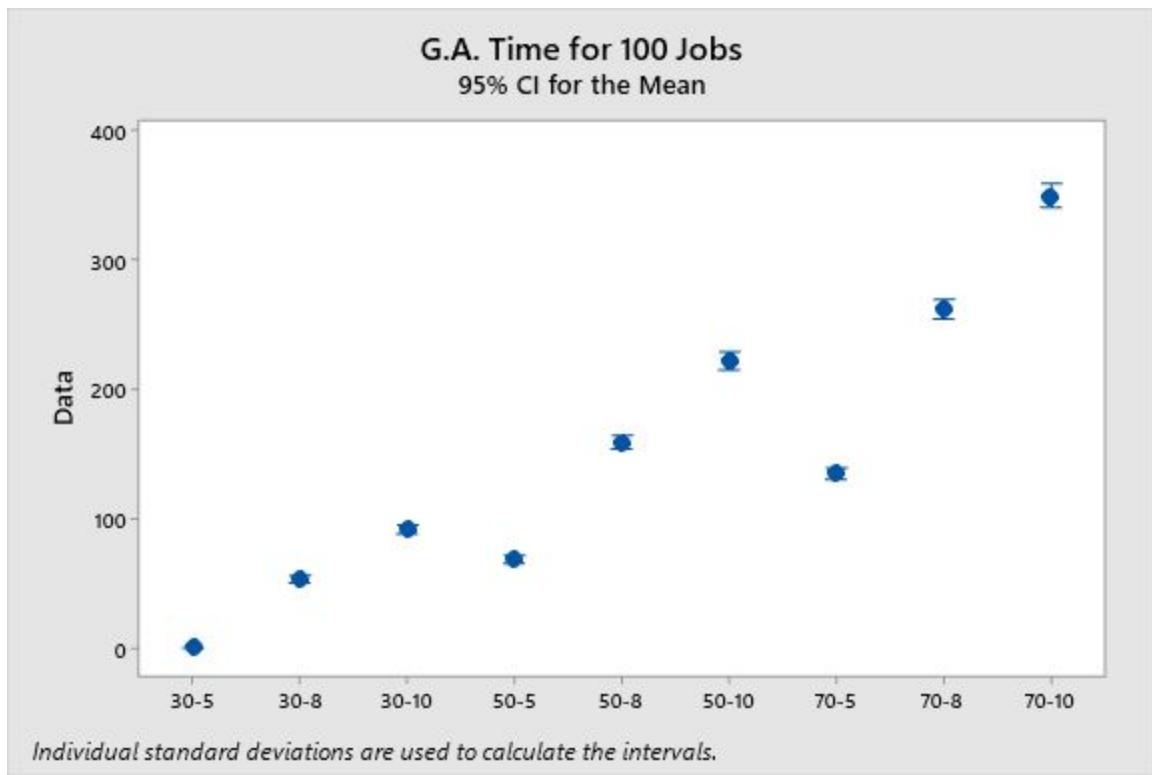
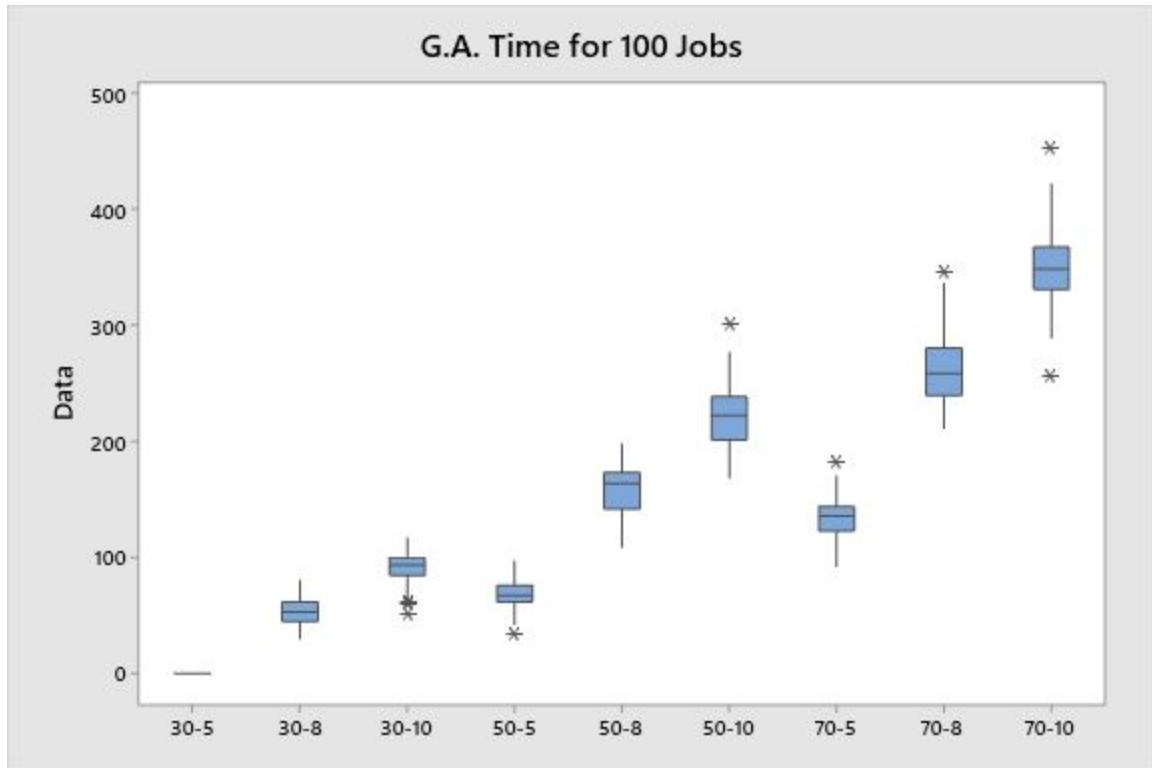


Individual standard deviations are used to calculate the intervals.

100 jobs OBJ FUNCTION

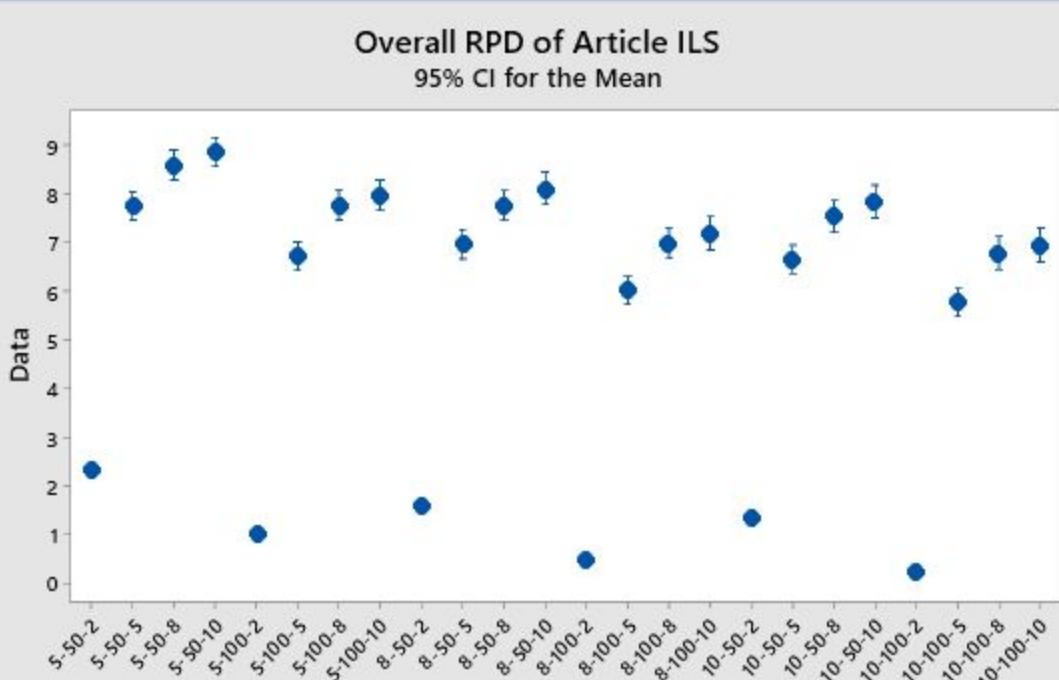
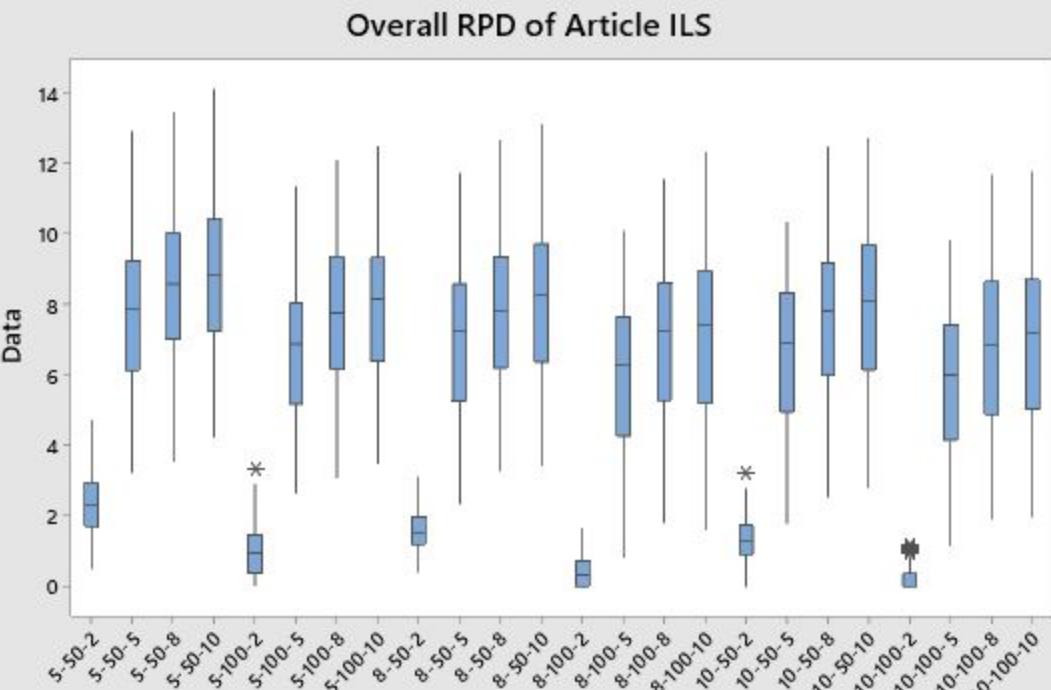


100 jobs TIME



RPD ILS-RVND Custom

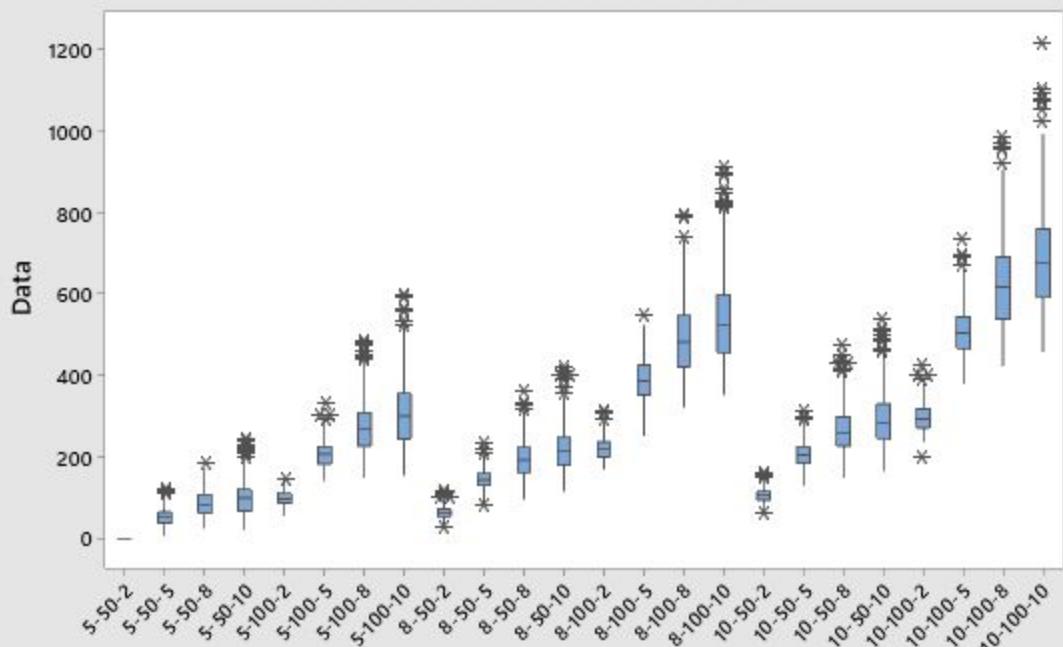
OBJ FUNCTION



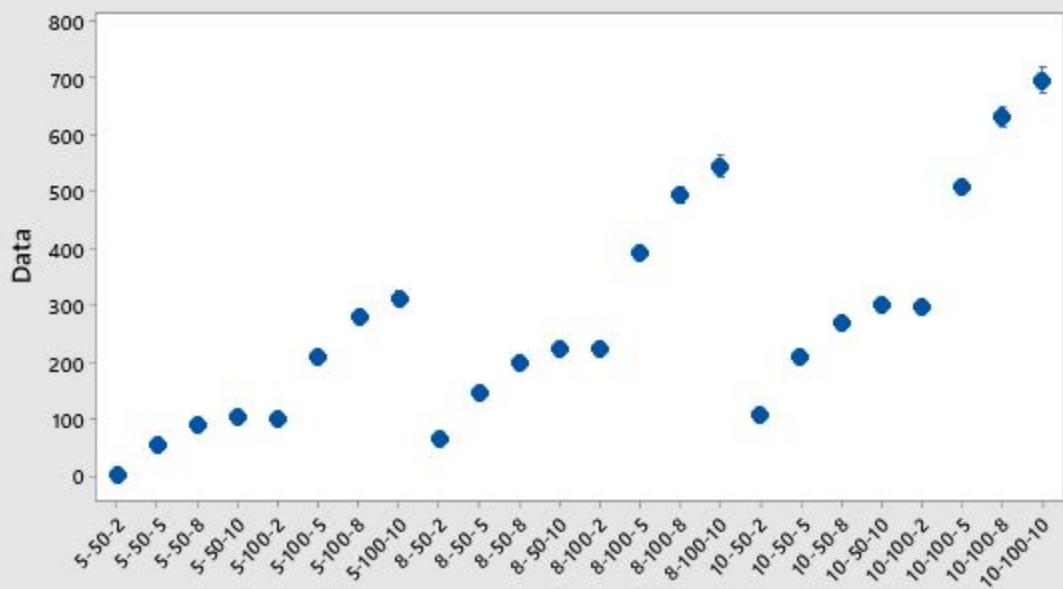
Individual standard deviations are used to calculate the intervals.

TIME

Overall Time RPD of Article ILS



Overall Time RPD of Article ILS
95% CI for the Mean

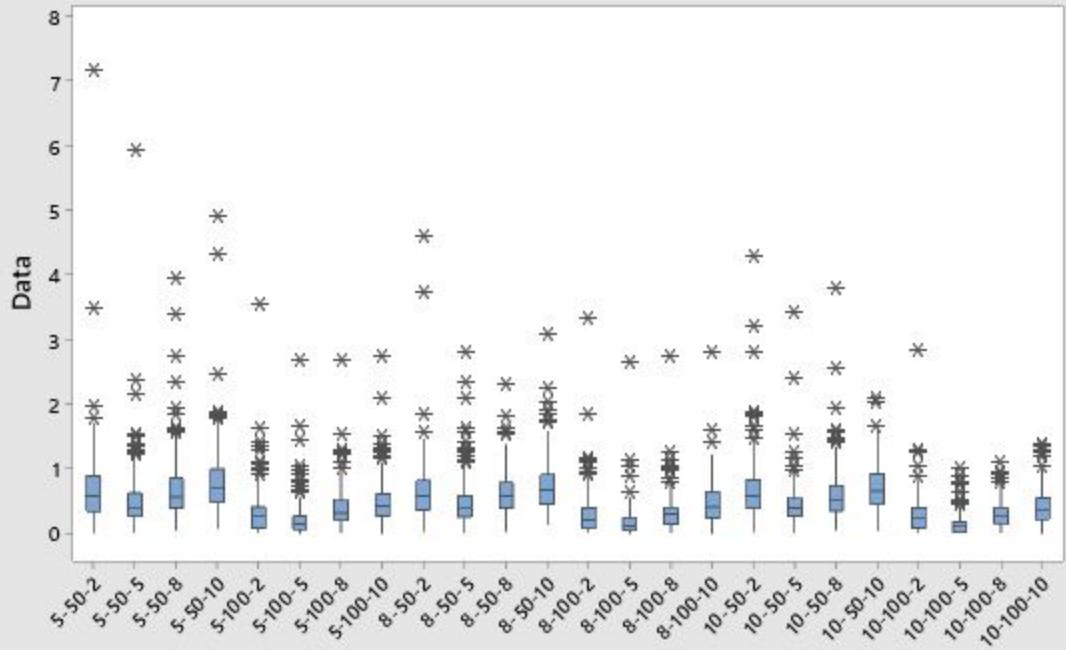


Individual standard deviations are used to calculate the intervals.

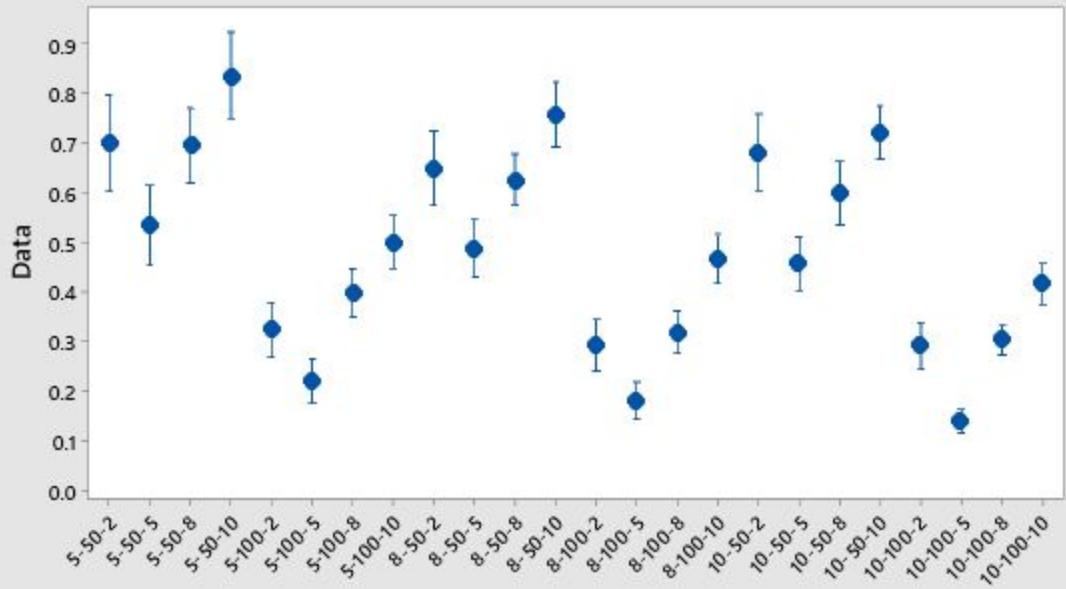
RPD ILS-RVND

OBJ FUNCTION

Overall RPD of Proposed ILS



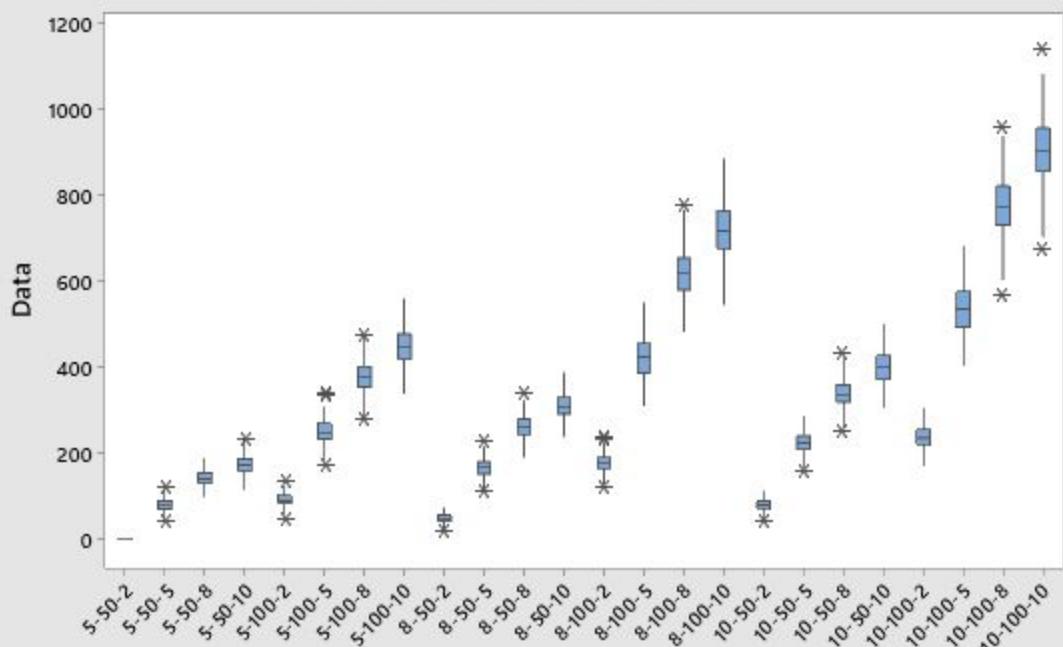
Overall RPD of Proposed ILS
95% CI for the Mean



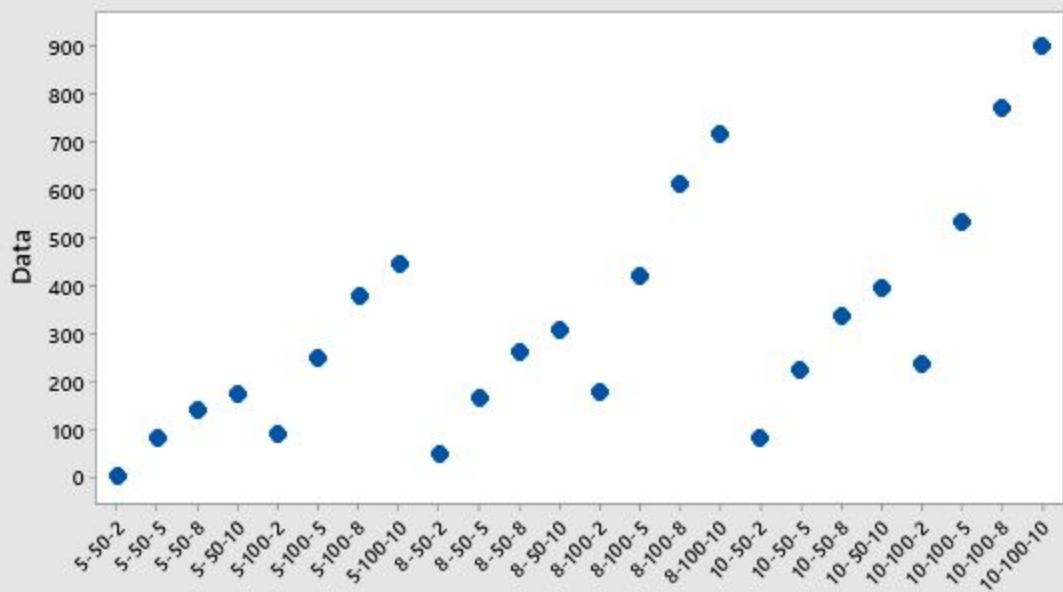
Individual standard deviations are used to calculate the intervals.

TIME

Overall Time RPD of Proposed ILS



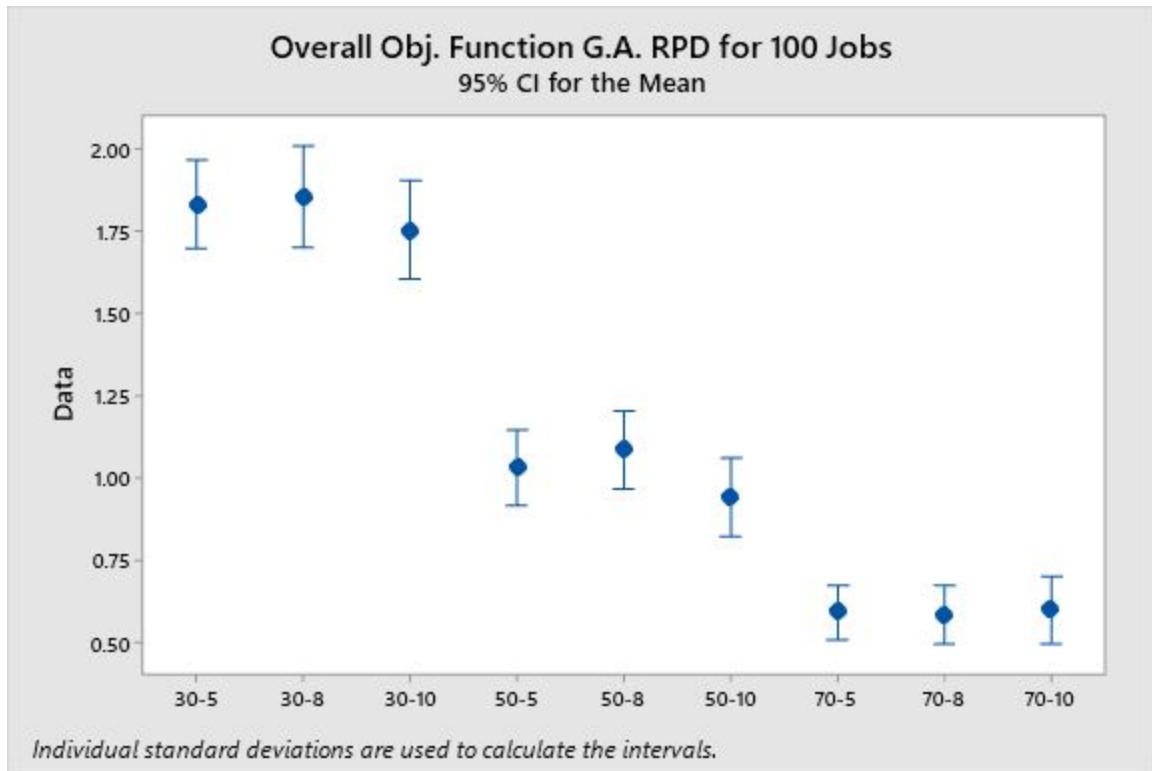
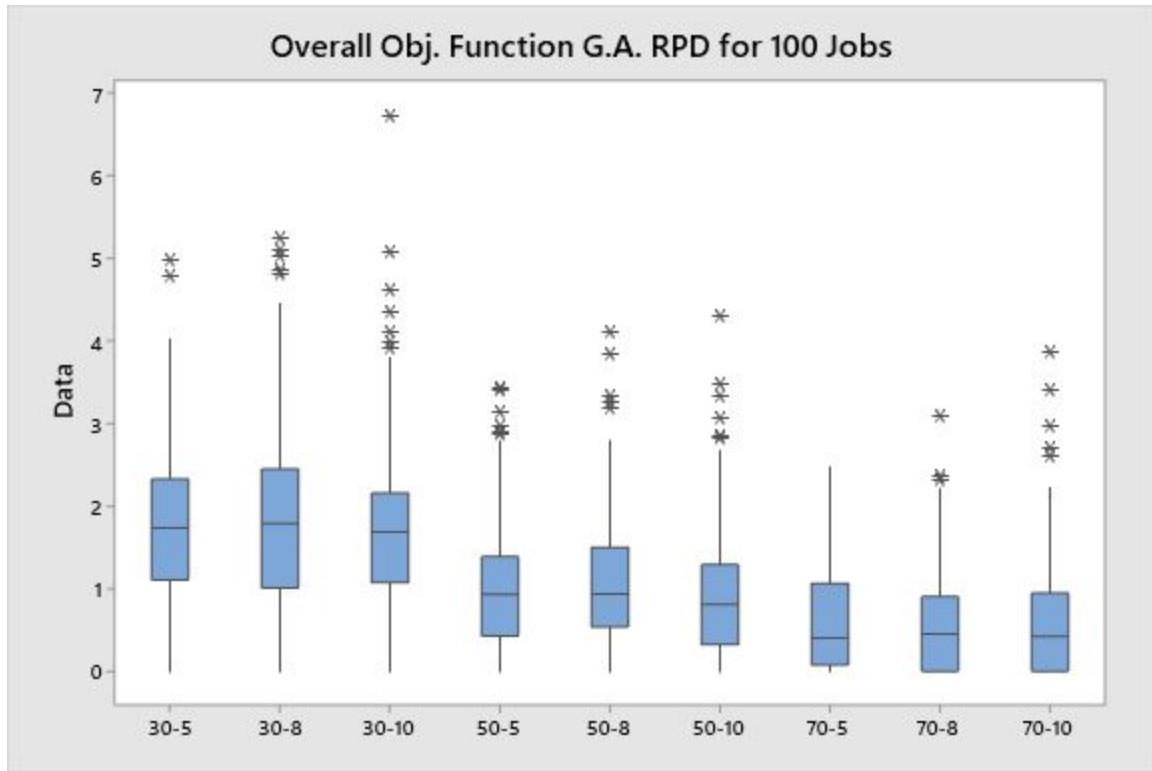
Overall Time RPD of Proposed ILS
95% CI for the Mean



Individual standard deviations are used to calculate the intervals.

RPD Genetic Algorithm

OBJ FUNCTION



TIME

