Start

Define target estimation accuracy and prediction number set for evaluation

Assign prediction number for evaluation

Evaluate the minimum basis particle number for specific prediction number (SRS)

Evaluate the execution time

All prediction number setting are evaluated for SRS

Assign prediction number for evaluation

Evaluate the minimum basis particle number for specific prediction number (MIS)

Evaluate the execution time

All prediction number setting are evaluated for MIS

Select the LPS scheme and setting of \((N, P)\) with minimum execution time

End