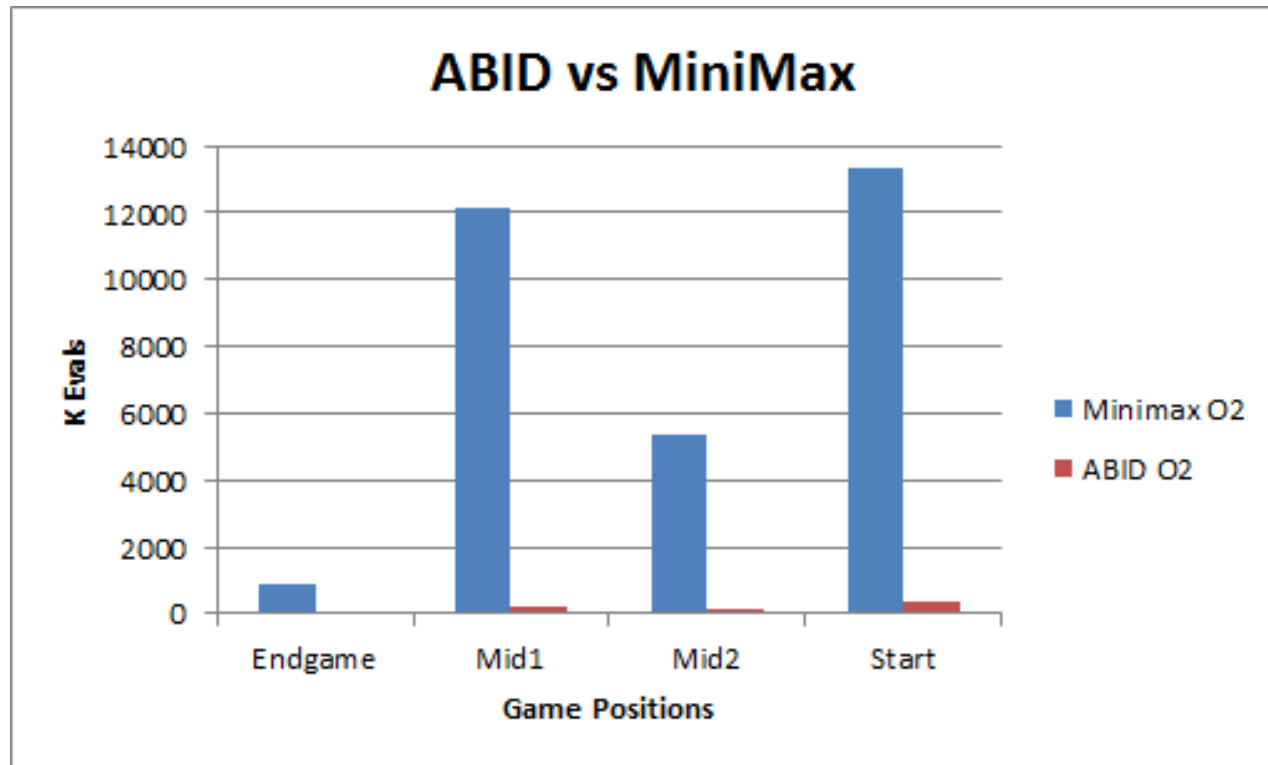


# **ABID Parallelization**

Shrikant Vinchurkar  
Mayank Chaudhary

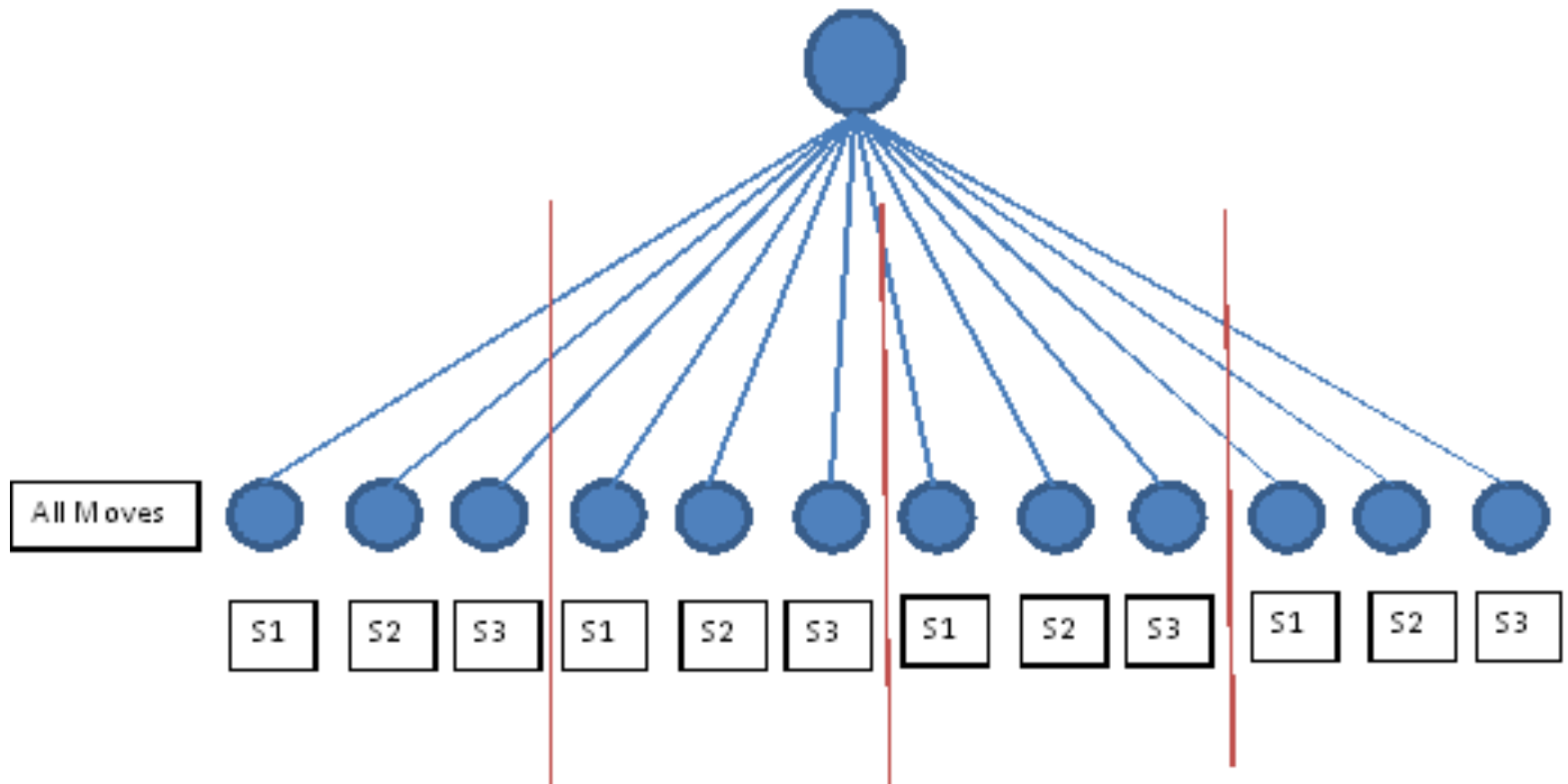
# ABID vs. Minimax (Sequential)



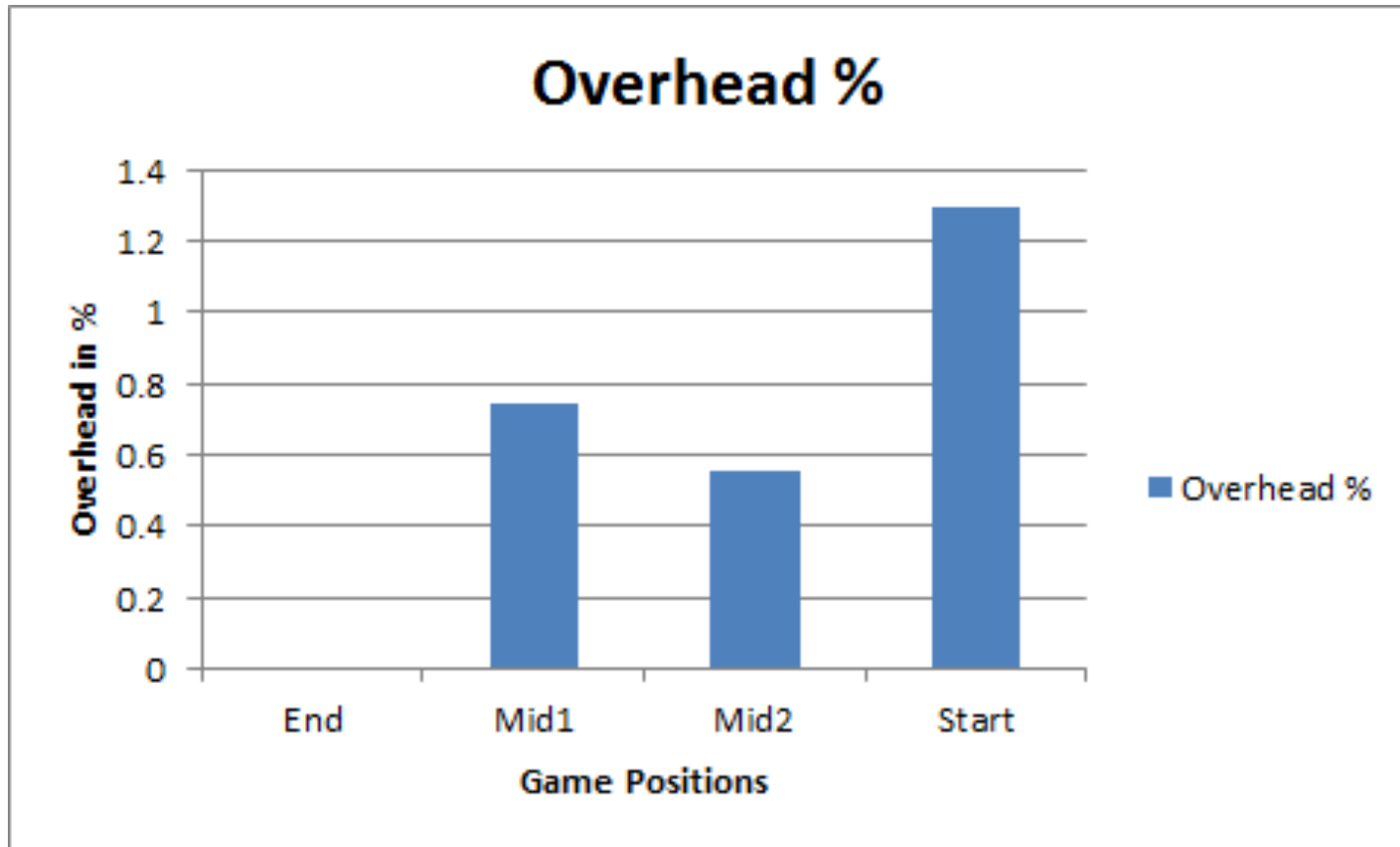
# Simple parallelization of ABID

- Round robin approach didn't work
- Master slave approach
- Rank 0 distributes moves among slaves to evaluate
- Move are divided into groups of no of slaves

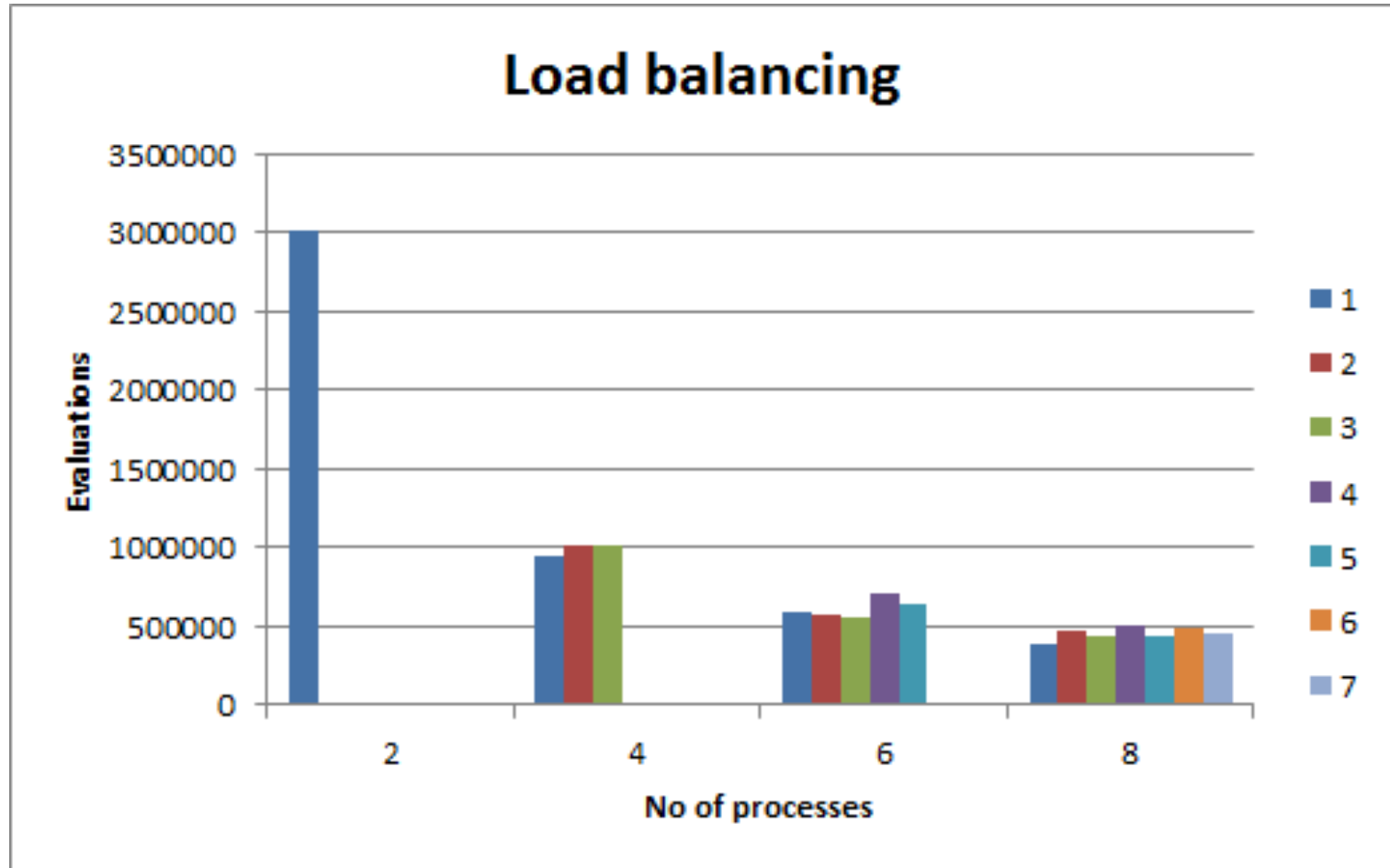
# Simple Parallelization approach



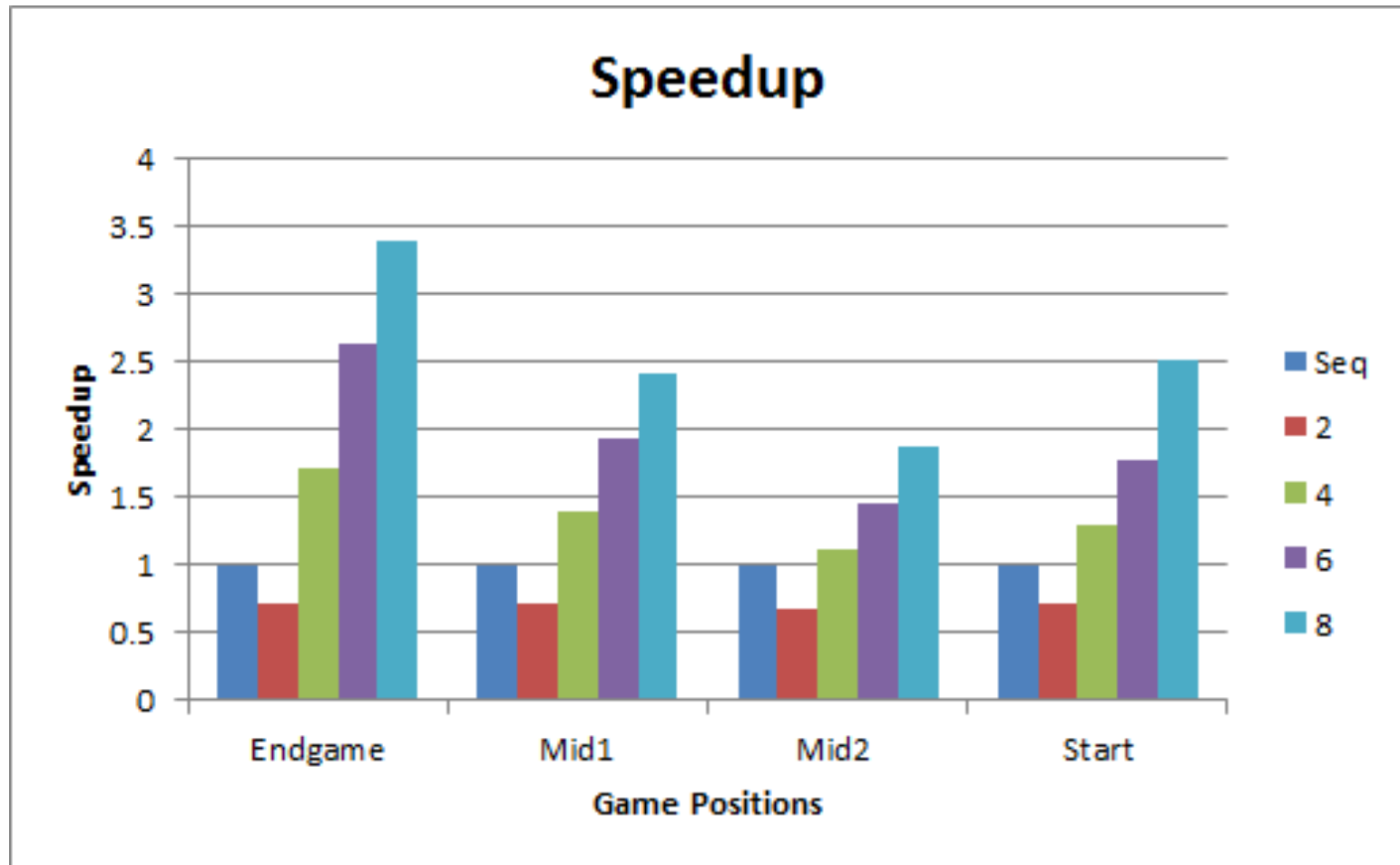
# Simple Parallelization Results



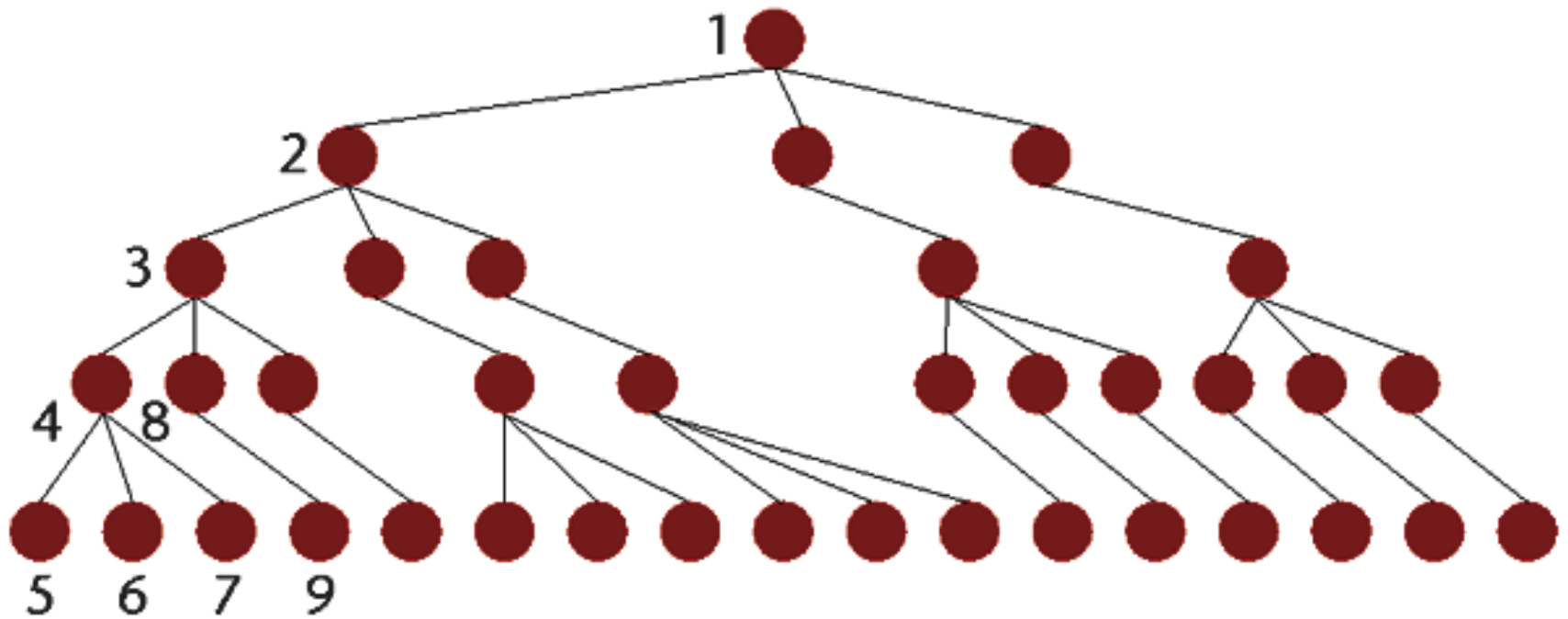
# Simple Parallelization Results



# Simple Parallelization Results

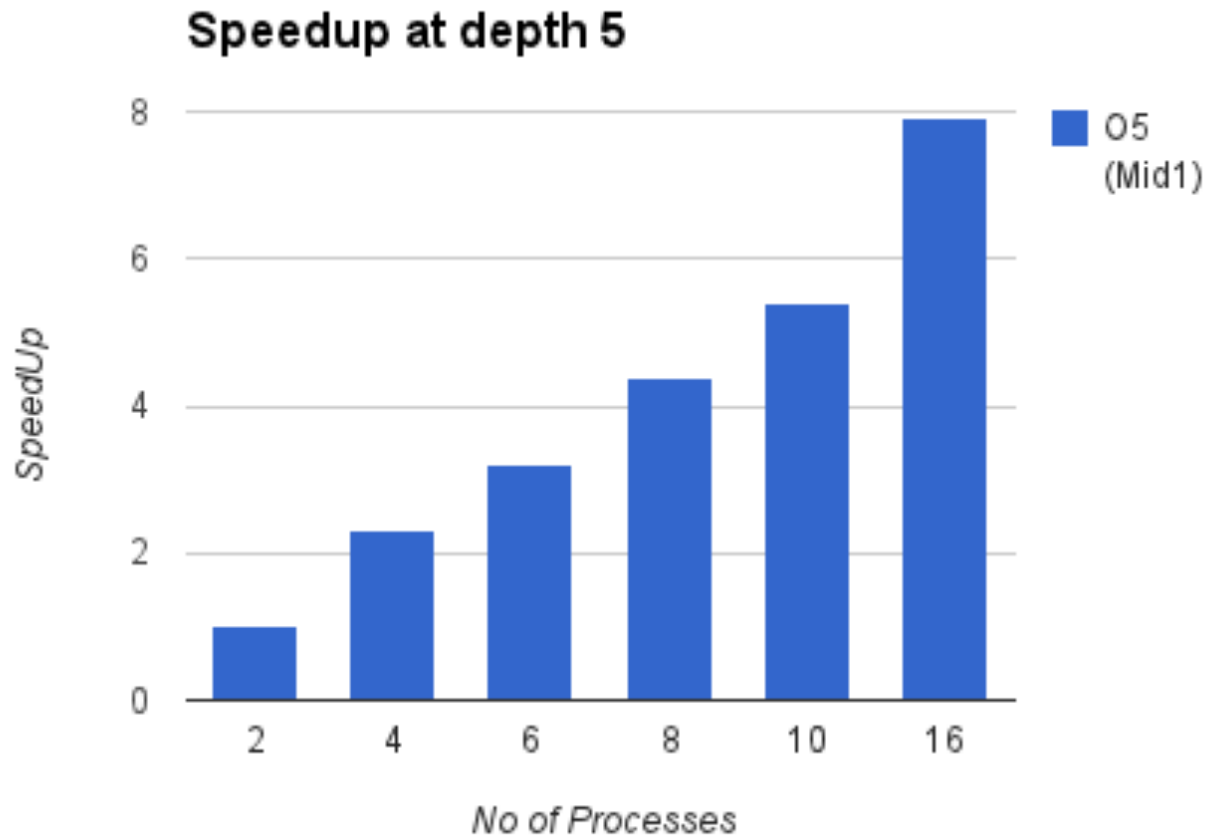


# PVSplit Strategy

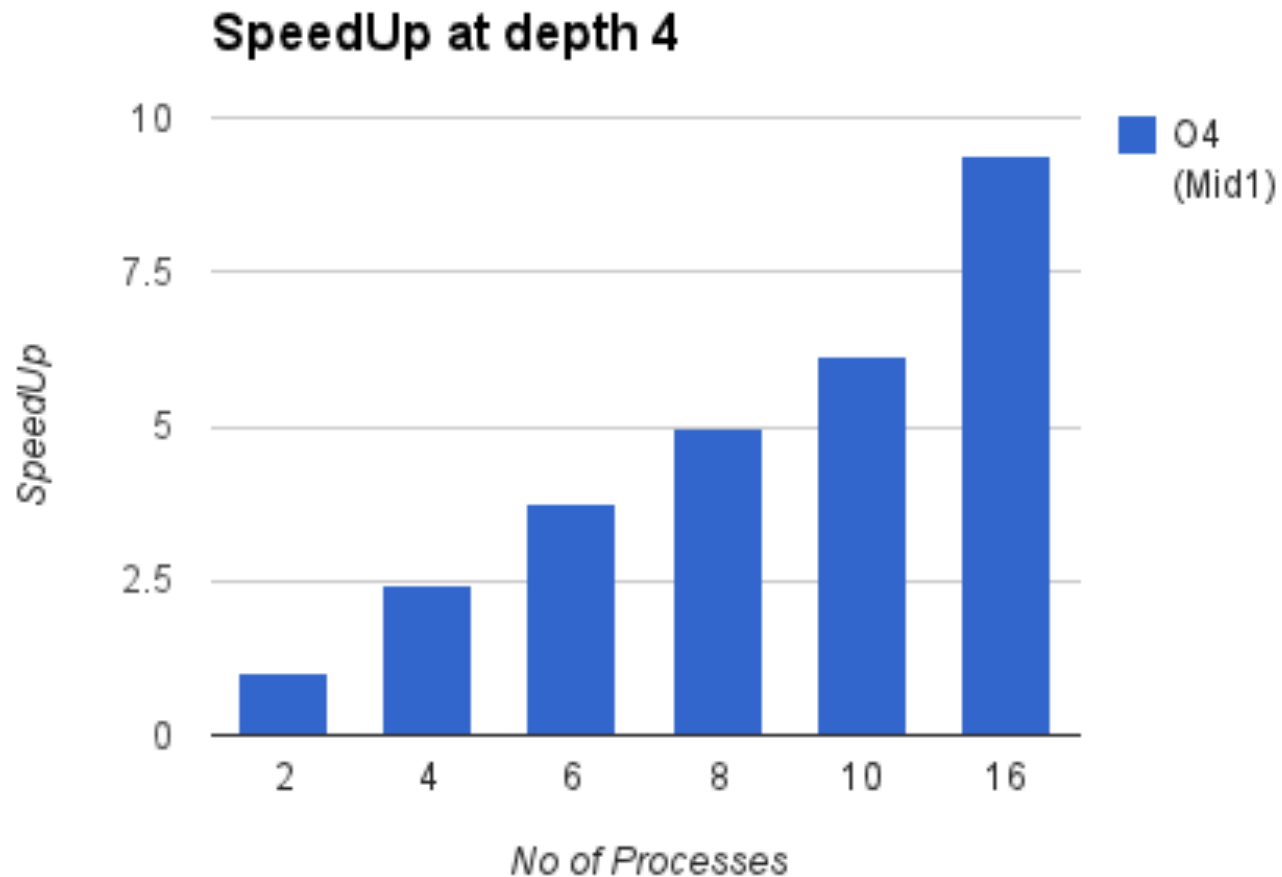




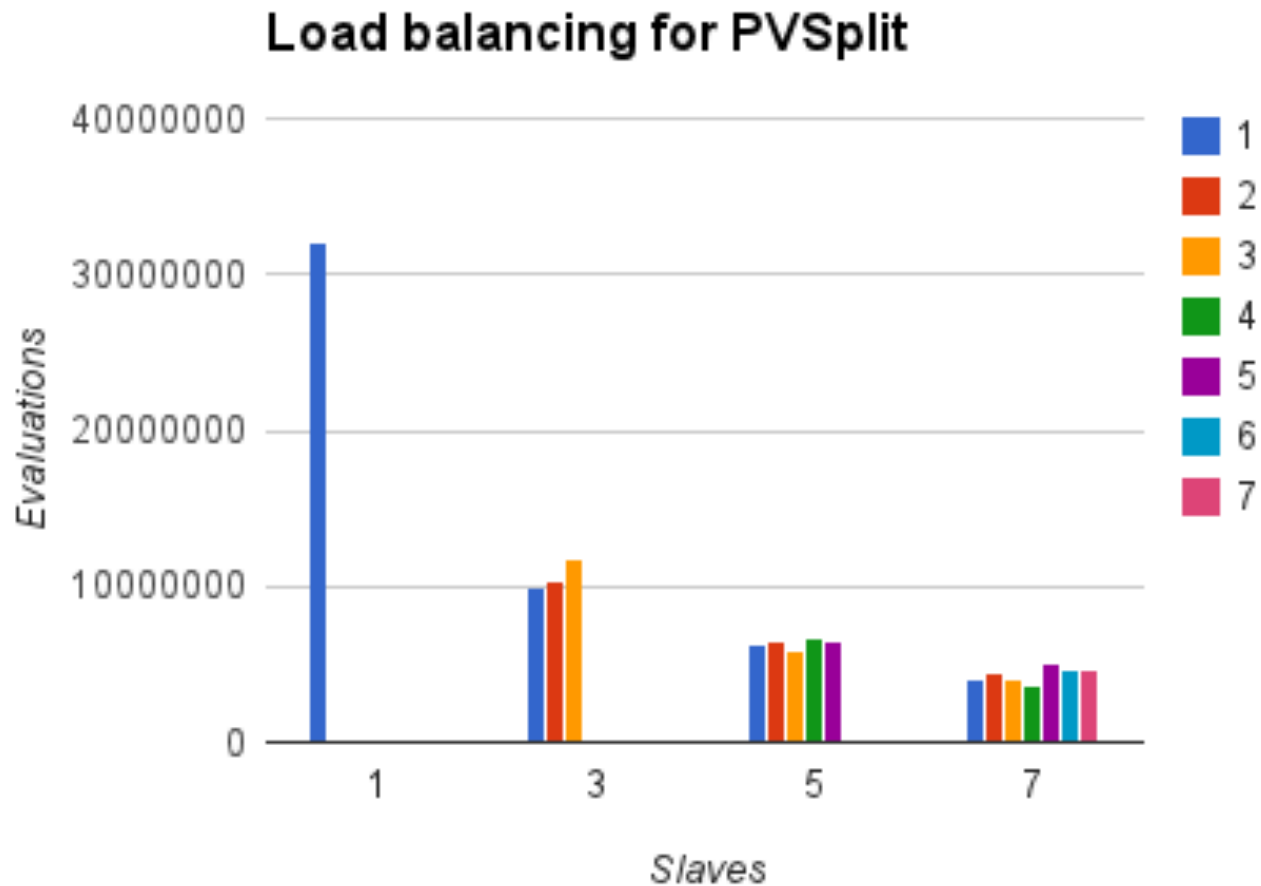
# Speedup for PVSplit



# Speedup for PVSplit



# Load Balancing



**Thank you**