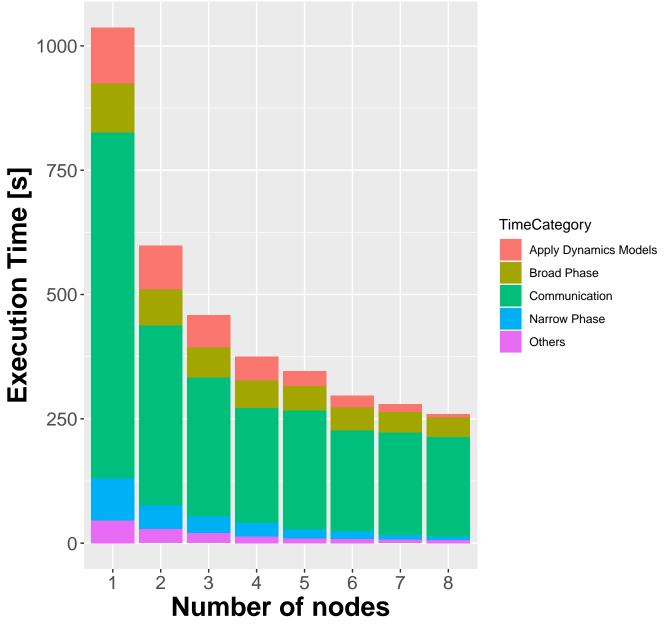
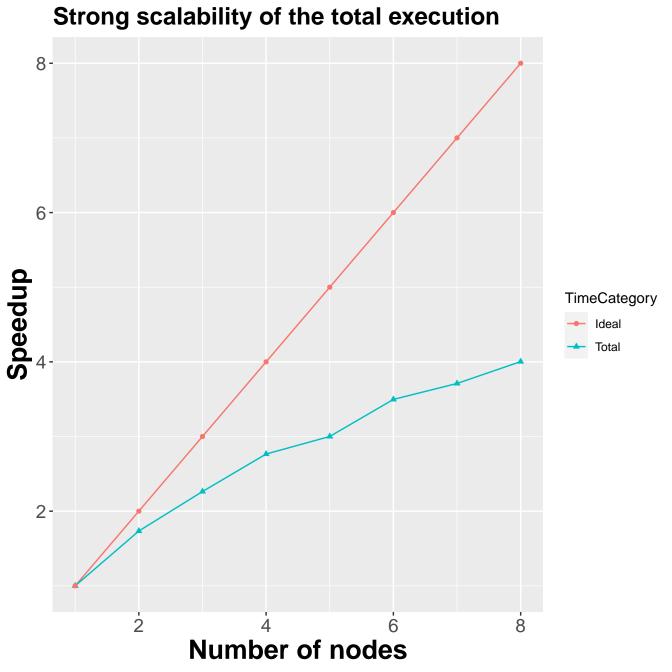
**Barplot for time execution** 





Strong scalability of every category 15-**TimeCategory** Speedup 10-Apply Dynamics Models **Broad Phase** Communication Ideal Narrow Phase Others 5-2 **Number of nodes** 

Strong scalability of the 2 costliest category 3-Speedup TimeCategory Communication Others 0-2 8 **Number of nodes** 

## Efficiency of each category

