



Scalability

Scalability: aggregate performance increases as # processors increases => shorter computing time

For a fixed size scalable model, scalability peaks at certain number of processors and then deteriorates.

Networks are complex multidimensional systems, and event mix may change dramatically with parameter changes. One may see a sweep of speedup curves from increasing (good) to decreasing (very bad).

More than one implementation of model's entities may be required in a family of structurally identical models.