

Ephemeris Pre-Calculation

Constellation Topology Generation

Applications Protocols

IPv4 Model

IP Address
Allocation

TCP/IP
Protocols

RL Routing
Protocols

Non-RL Routing
Protocols

Mobility Model

SGP4

Constant

Network Device Model

Service
Device

Laser
Device

Queue Model

Data Rate Model

Fault Model

Channel Model

Service
Channel

Laser Channel

Propagation Delay Model

Ns3 Gym

Trajectory
Differentiation

Replay Memory

Neural Networks

Networks
Training