Vampire Reasoner: Query Latency by Category
(Mean with Std Dev Error Bars)

Legend:
- Safety Queries
- Operational Queries
- Planning Queries
- Safety Req. (10ms)
- Operational Req. (100ms)
- Planning Req. (1000ms)

Y-axis: Latency (ms)

X-axis: Query

Safety categories:
- 01 Geofence ...
- 02 Nfz Viola...
- 03 Battery R...
- 04 Collision...
- 05 Sensor De...
- 06 Safe Stat...

Operational categories:
- 01 Waypoint ...
- 02 Hover Cap...
- 03 Terrain T...
- 04 Weather C...
- 05 Ndaa Comp...

Planning categories:
- 01 Mission F...
- 02 Regulator...
- 03 Path Safety
- 04 Capabilit...

SAFETY   **OPERATIONAL**   **PLANNING**