Expected Free Energy vs Distance to Target
Autonomous Drone Navigation with Active Inference

Dataset Statistics:
Episodes: 149 total
Success Rate: 93.3% (139/149)
Correlation (ρ): -0.819
Mean |EFE| (Success): 1.87e+02
Mean |EFE| (Failure): 2.38e+02

Legend:
- Successful Episodes
- Failed Episodes
- Overall Trend (R^2 = 0.796)
- Success Trend (Linear)
- Failure Trend (Linear)

x-axis: Distance to Target (meters)
y-axis: $\log(|EFE| + \epsilon)$

Generated by Active Inference Analysis Pipeline