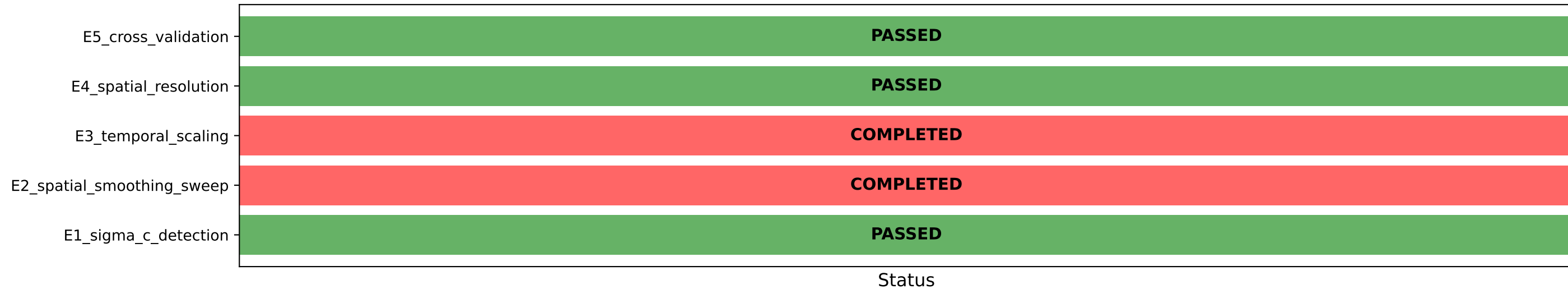
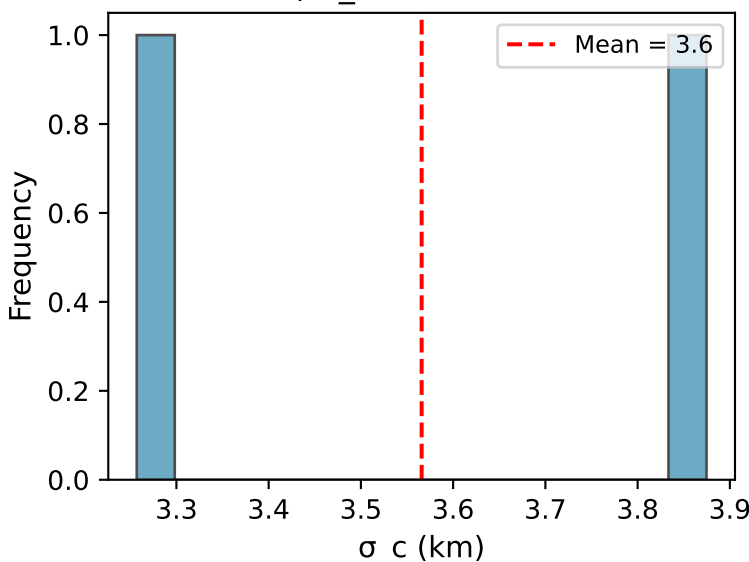


COMPREHENSIVE VALIDATION SUMMARY - TEMPERATURE

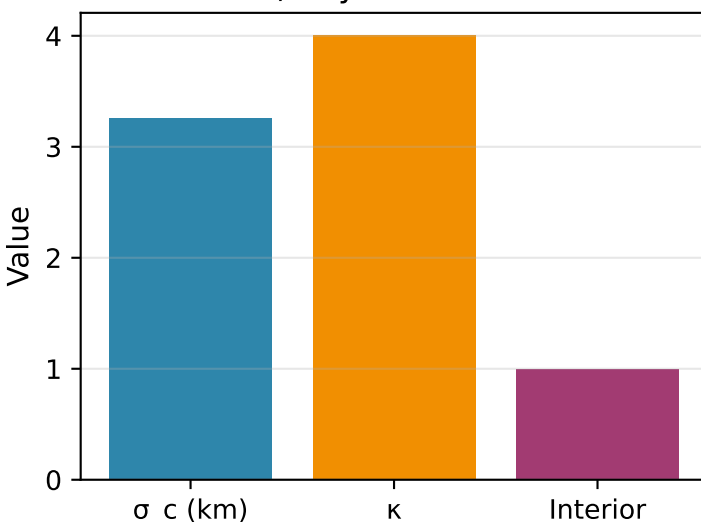
A) Experiment Status Overview



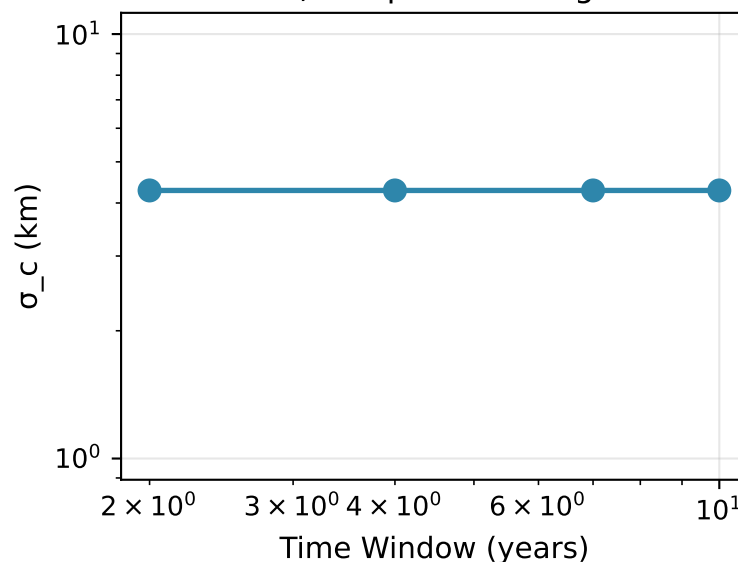
B) σ_c Distribution



C) Key E1 Metrics



D) Temporal Scaling



VALIDATION SUMMARY - TEMPERATURE

Dataset:

- Region: europe
- Data points: 26,195,663
- Time range: 2015-01-01 to 2024-12-31

Key Results:

- Primary σ_c : 3.3 ± 1.0 km
- Peak clarity κ : 4.01
- Interior peak: True

Experiments Passed: 3/5

Conclusion:

Critical susceptibility σ_c detected in temperature data at characteristic scale of ~3 km, validating universal framework across climate systems.