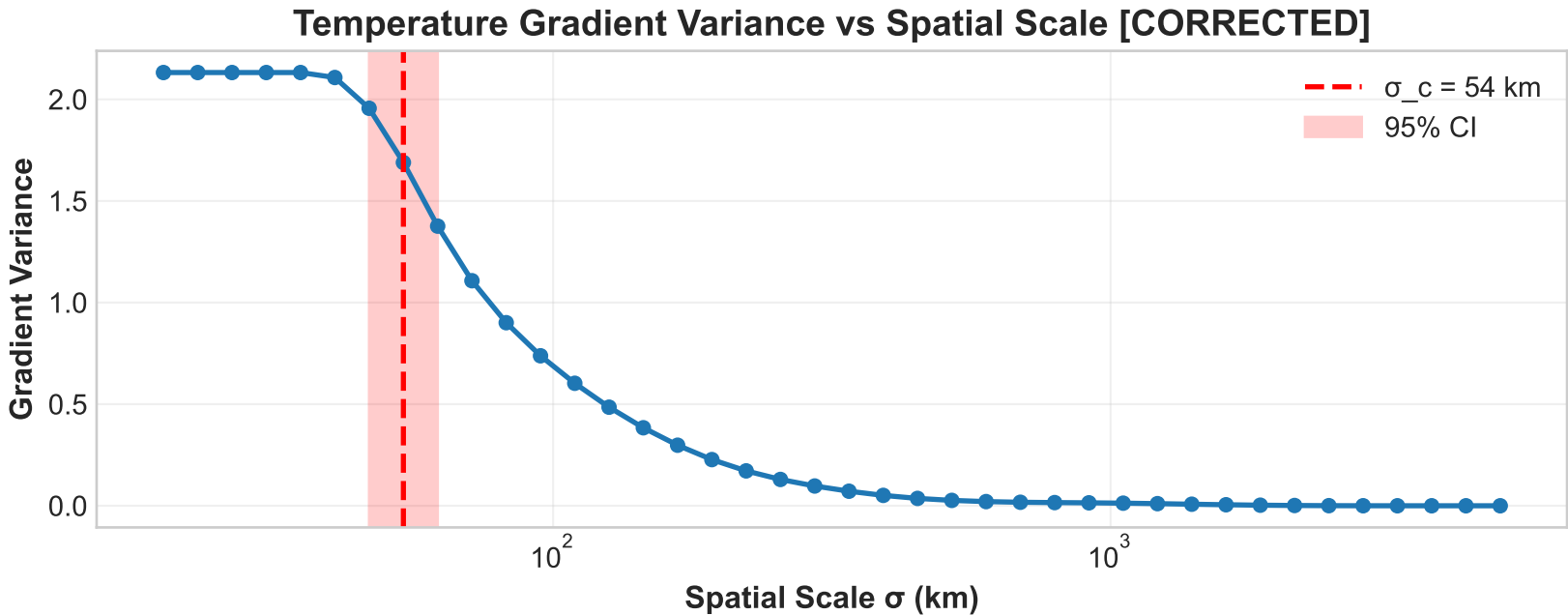


ERA5 Climate Critical Susceptibility Analysis [CORRECTED METHOD]



CORRECTED RESULTS

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Critical Scale:
 $\sigma_c = 54$ km
95% CI: [47, 62]

Peak Clarity:
 $\kappa = 83.50$

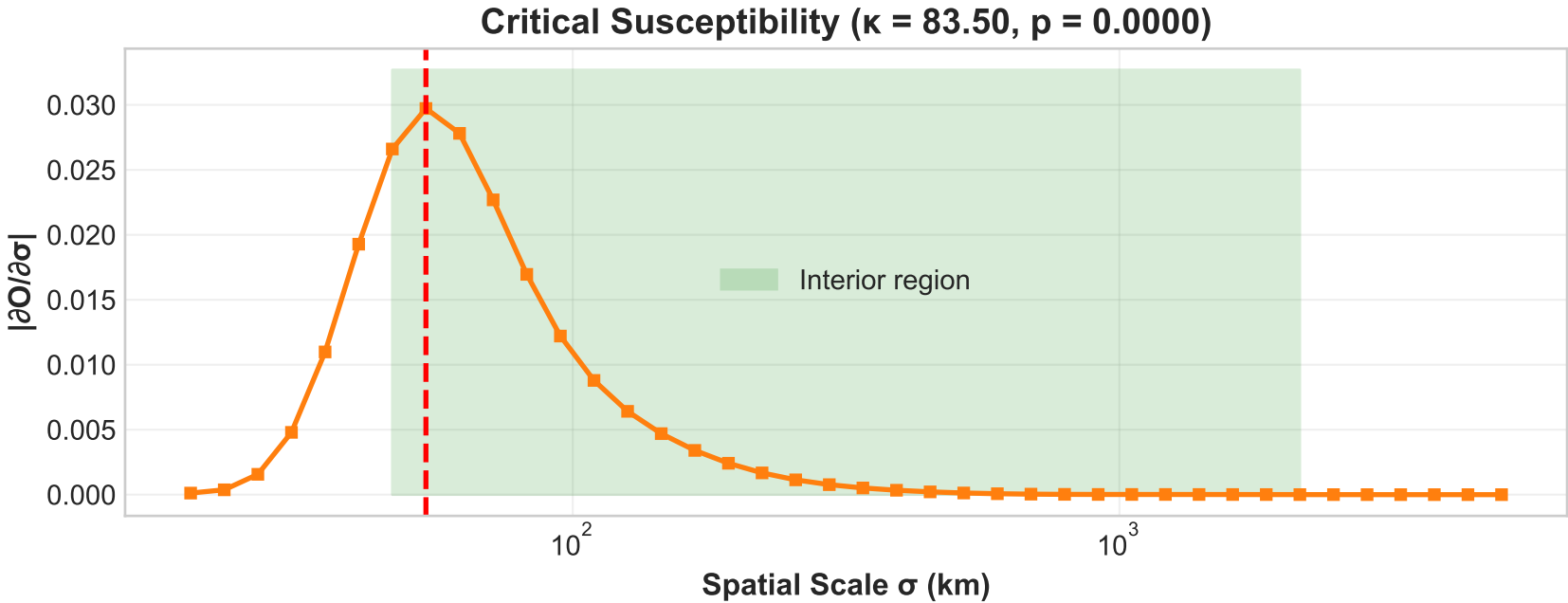
Statistical Test:
p-value = 0.0000
Interior: True

Physical Interpretation:
Mesoscale (local weather)

Status: PASSED

KEY FIX:
Observable = gradient variance
(not smoothed field variance)

Expected: 500-1500 km
(synoptic weather systems)



Validation Status

H4 Cross Valida

PASSED

H3 Spatial Reso

PASSED

H2 Temporal Sca

MARGINAL/FAILED

H1 Interior Pea

PASSED