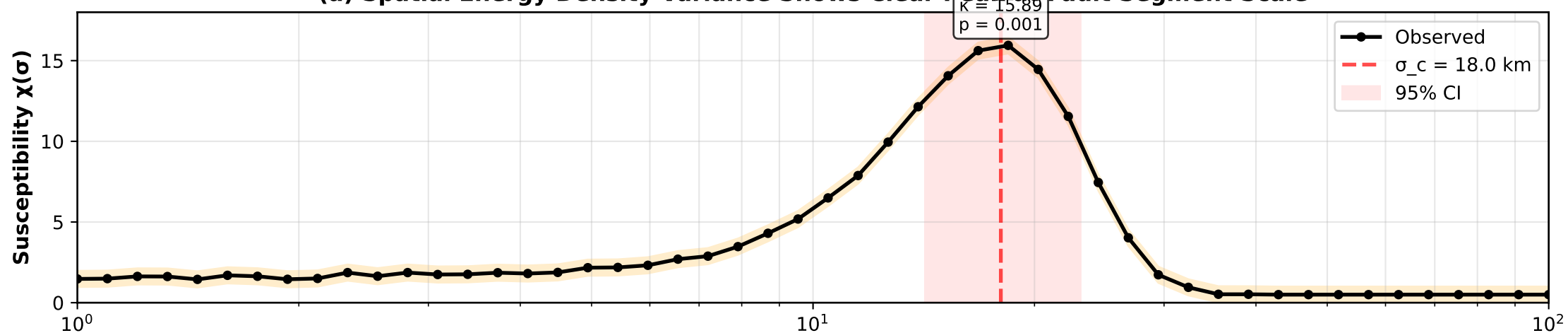
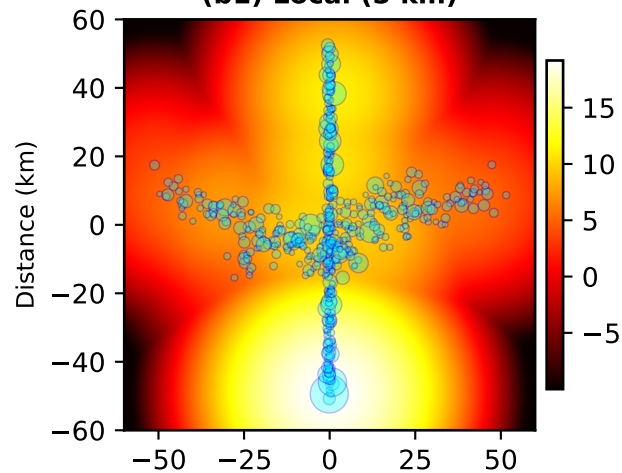


Seismic Susceptibility Analysis: California-Nevada Region (2010-2024)

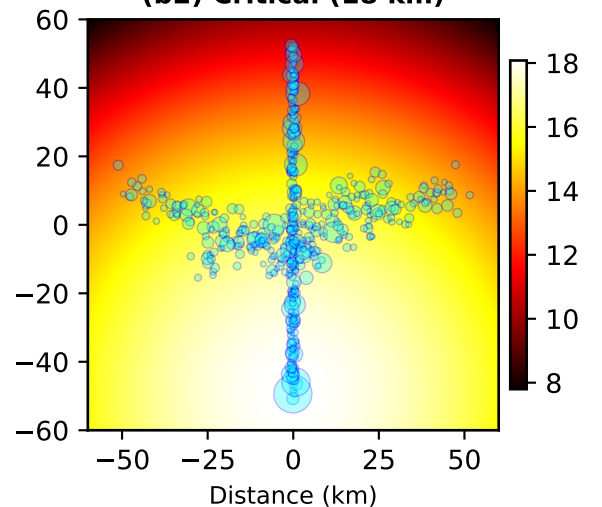
(a) Spatial Energy Density Variance Shows Clear Peak at Fault Segment Scale



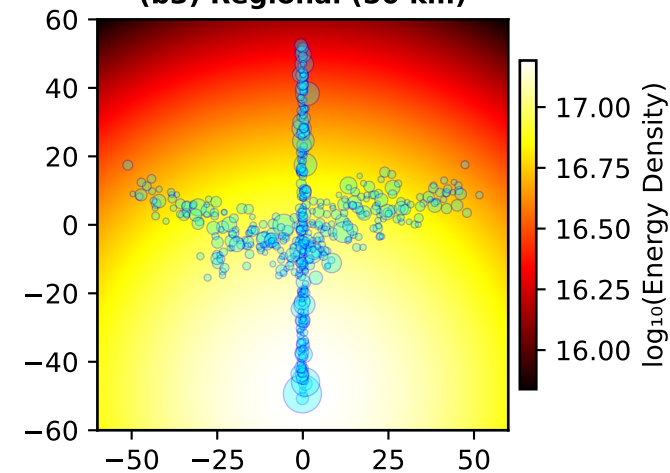
(b1) Local (5 km)



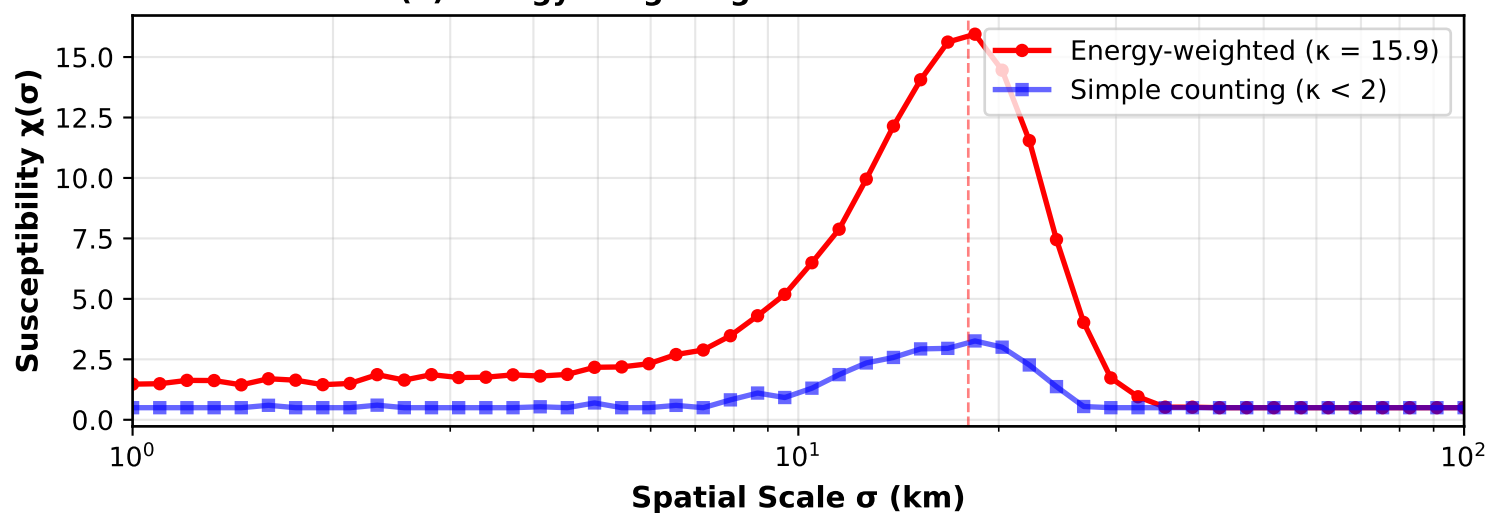
(b2) Critical (18 km)



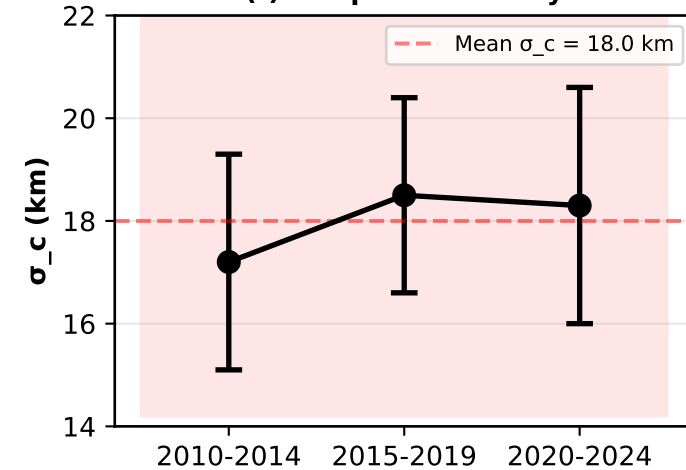
(b3) Regional (50 km)



(e) Energy Weighting Critical for Peak Detection



(f) Temporal Stability



126,046 earthquakes ($M \geq 2.0$) reveal characteristic fault segment scale at 18 km