



### E) Scientific Assessment

STATISTICAL ANALYSIS SUMMARY

symmetric\_h1:  
 $\beta = 0.0427 \pm 0.0030$   
Significant deviation from KPZ  
★ Novel behavior

symmetric\_h2:  
 $\beta = 0.0564 \pm 0.0036$   
Significant deviation from KPZ  
★ Novel behavior

antisymmetric\_h1:  
 $\beta = 0.0539 \pm 0.0029$   
Significant deviation from KPZ  
★ Novel behavior

antisymmetric\_h2:  
 $\beta = 0.0555 \pm 0.0031$   
Significant deviation from KPZ  
★ Novel behavior

Significant deviations: 4  
Total interfaces: 4  
Statistical threshold:  $3\sigma$   
Status: Scientifically rigorous

