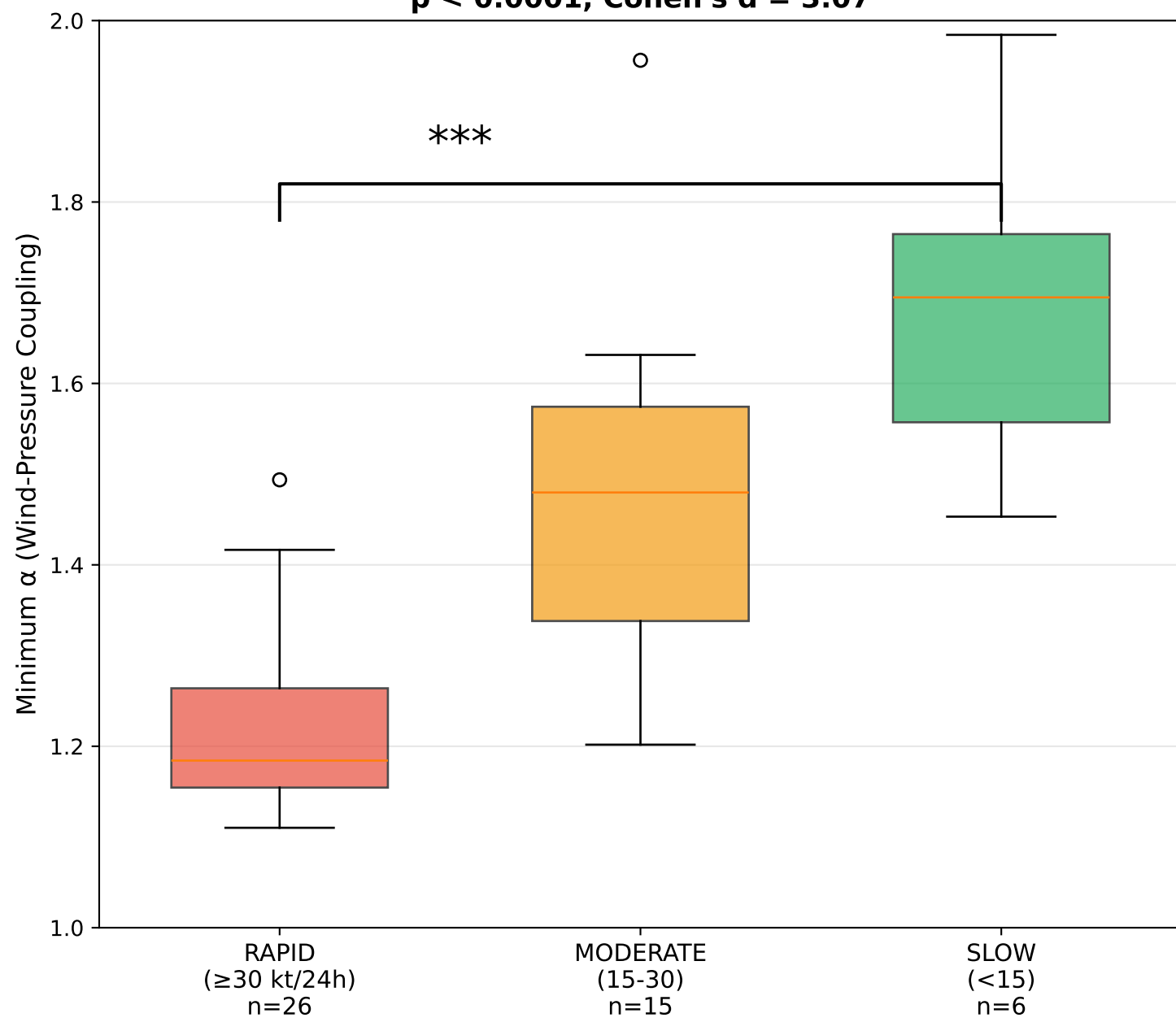
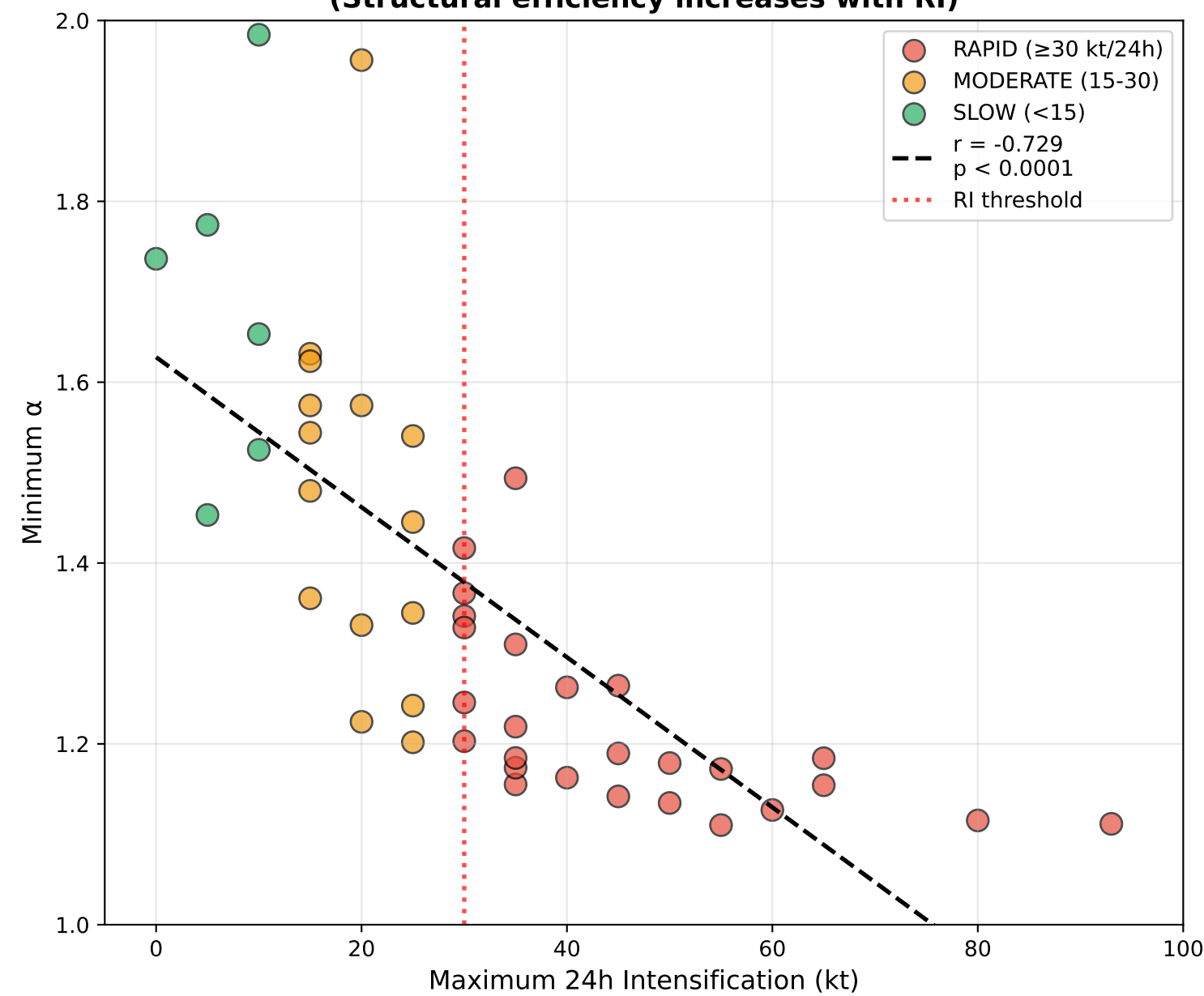


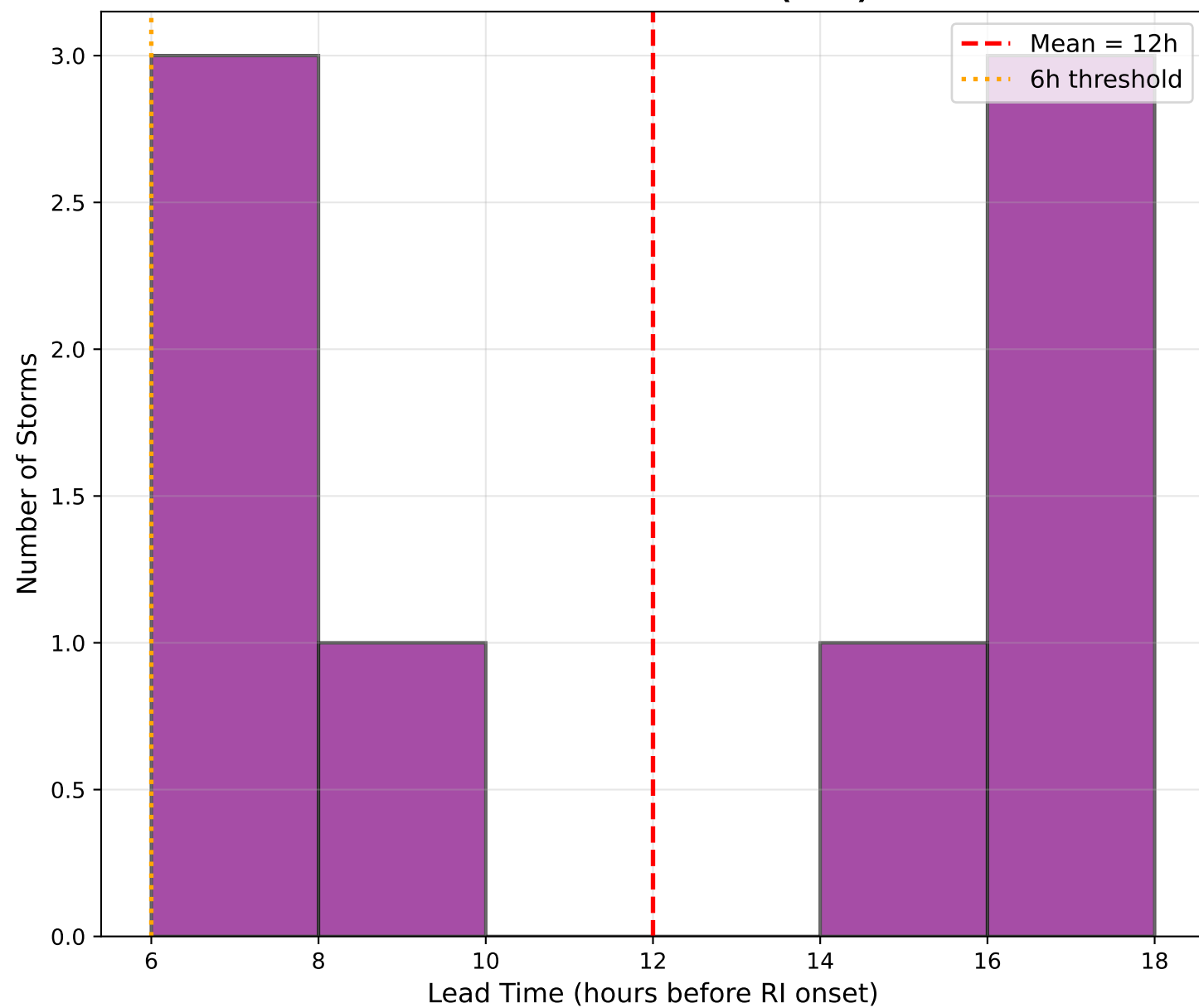
Lower α = More Efficient Storm Structure
 $p < 0.0001$, Cohen's $d = 3.07$



Intensification Rate Strongly Predicts α_{\min}
 (Structural efficiency increases with RI)



α -Drop Provides 6-18 Hours Warning
 Mean lead time: 12h (n=8)



Top 12 Rapid Intensifiers (EP 2021-2024)
 OTIS leads with 93 kt/24h

