

% of departments with improved predictions from

relative to

Spatial  
histogram

KDE

Hierarchical  
Poisson

Hierarchical  
Poisson  
w/  
smoothing

Spatial  
histogram

N/A

33%

38%

24%

KDE

67%

N/A

46%

32%

Hierarchical  
Poisson

62%

54%

N/A

36%

Hierarchical  
Poisson  
w/  
smoothing

76%

68%

64%

N/A