

Machine Learning Improves Patient Outcome and Value-Based Care Delivery

Care Management Case Management Disease Management **Patient Statistics** Financial Analysis Claims Mangement Bed Occupancy/Admission Physician Performance Value-Based Care

☐ Patient Waiting Times

☐ Patient Volume Prediction

☒ Patient Adherence

Region

Central

Year

2012

Hospital

Community Hospital

Gender

Female

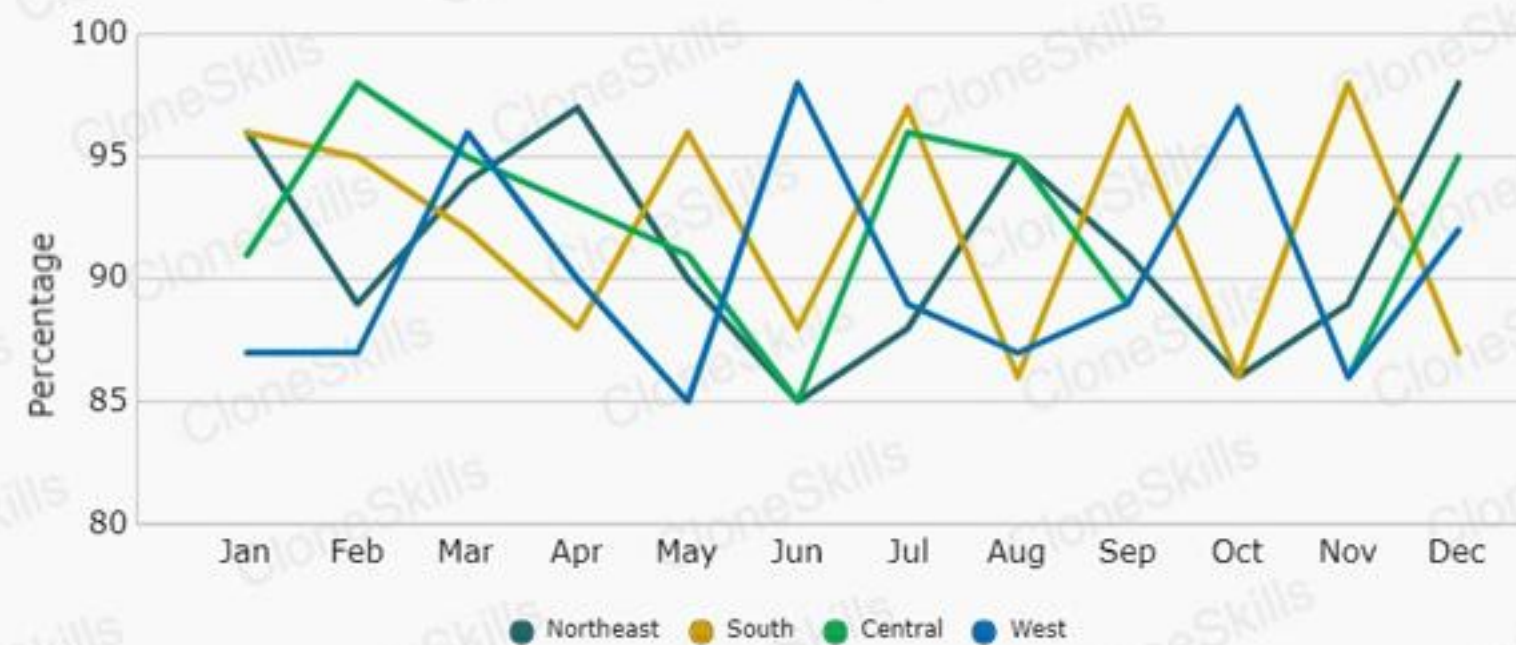
Condition

ph+ ALL

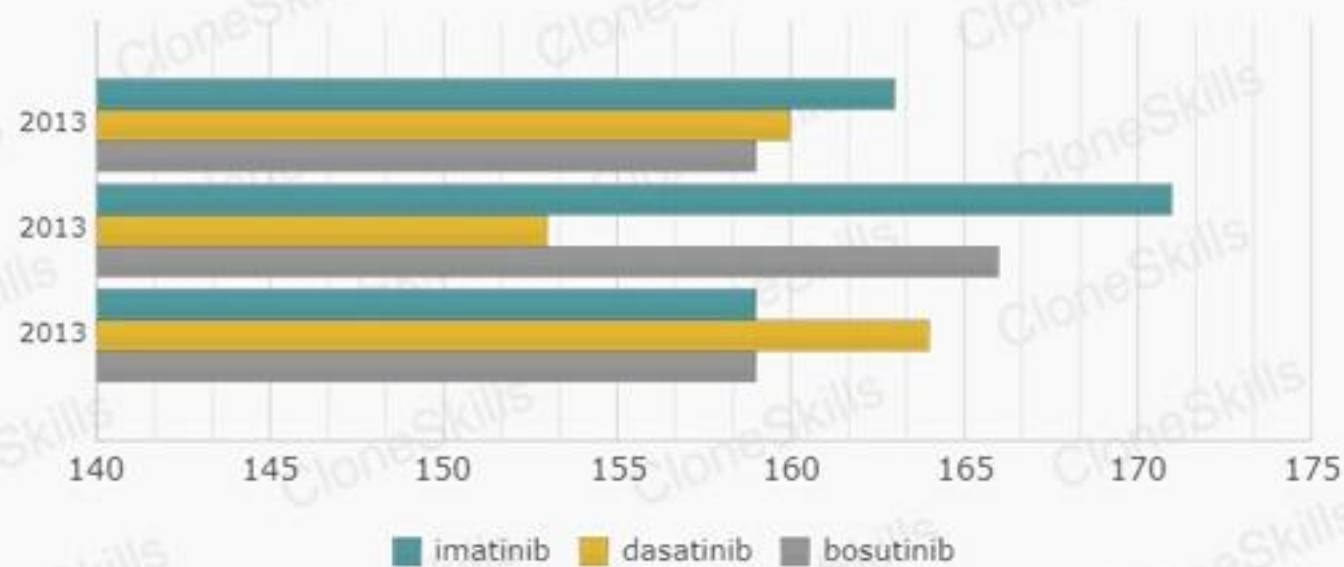
Comparision



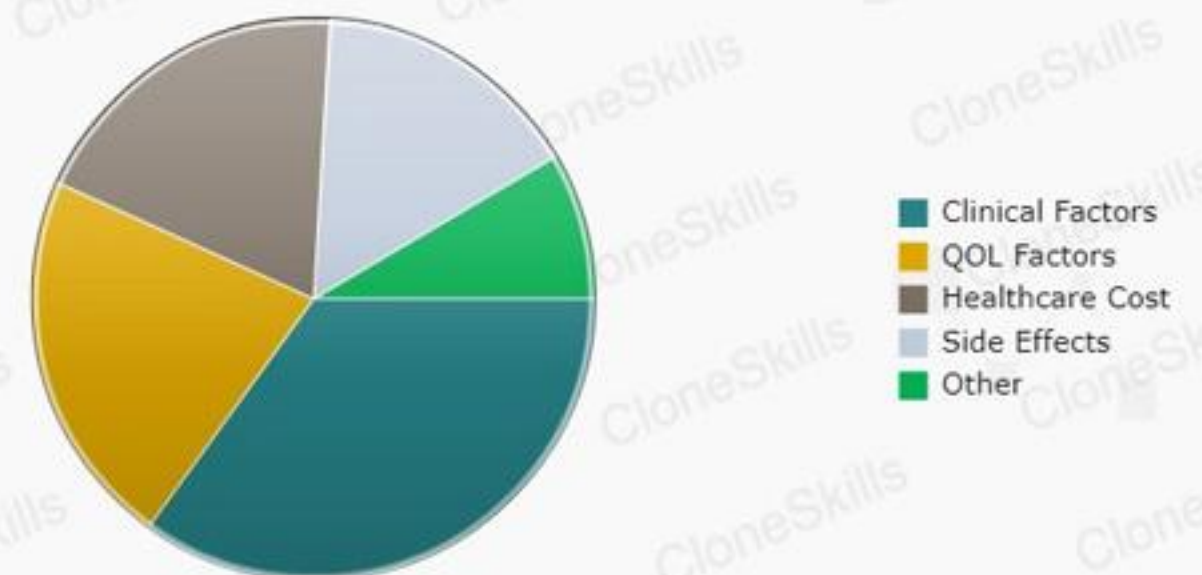
Adherence Percentage Analysis



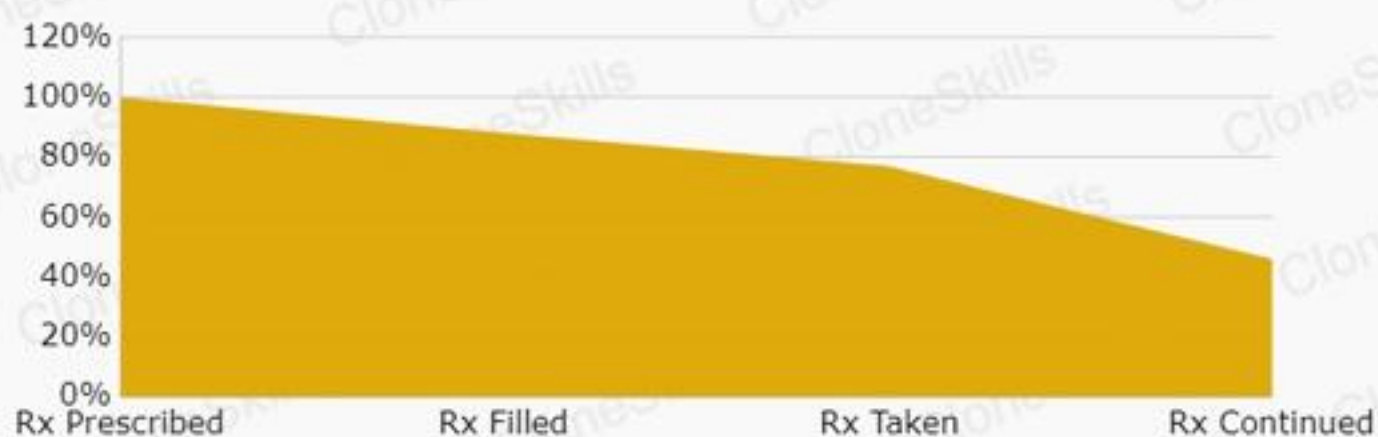
Average Length of Time before Drop-off



Reasons for Non-Adherence



Medication Adherence



Reasons for Non Adherence

Forgot to Take	79%
Ran Out of Medication	19%
Too Costly	9%
Lack of Need	9%
Side Effects	7%
No Improvement Seen	3%