

Predictive Modeling NEWS

Journal Scan

Hopkins, HealthPartners Research Sees Predictive Value in EHR-Only Data

The news about EHR data is especially big. Other recent research looks at predicting admissions and incidence of disease. Here's a look.



Researchers Caution: 'More Research is Needed'

Researchers from the Johns Hopkins Bloomberg School of Public Health's Center for Population Health Information Technology, Baltimore – including Jonathan P. Weiner DrPH, the Center's Director, a Professor of Health Policy & Management and of Health Informatics, ACG Co-Developer and Director of the ACG R&D Team at Hopkins and a *Predictive Modeling News* Editorial Advisory Board member -- and HealthPartners' Bloomington MN-based Health Informatics Division compared and contrasted using electronic medical records and claims data sources for predictive modeling. Here are excerpts of the abstract of their published findings:

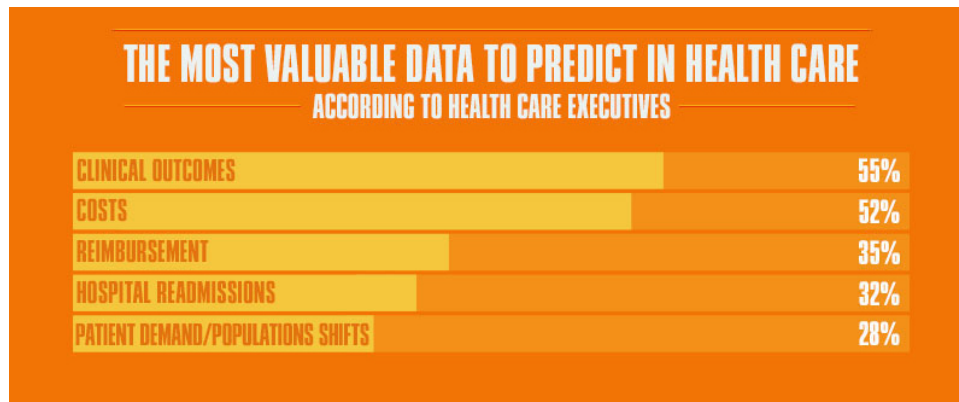
- “The results of this study support the premise that predictive models to stratify risk in a given population using EHR data alone are feasible; however, the EHR-based models may underperform compared with administrative claims.”

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Health Leader College's Infographic Details Hospital Use of Predictive Analytics

To celebrate Healthcare Risk Management Week, Regis College's Online Masters of Health Administration program created an infographic that helps hospitals understand predictive analytics. Noting that “96% of hospitals have converted to electronic health records” and that “healthcare systems manage an extraordinarily growing amount of data every year,” a statement announcing the infographic adds that “while hospitals are beginning to apply Big Data techniques to predict individual outcomes like post-operative complications and diabetes risk, Big Data remains largely a buzzword.”



The graphic and the accompanying text aim to help clear things up.

For example, the article says, “more than half of US healthcare centers and organizations are using predictive analytics” and “most hospitals and health-care organizations have large plans to use tools and solutions related to this field.”

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