Big Data and Healthcare

Dr. Ignat Drozdov

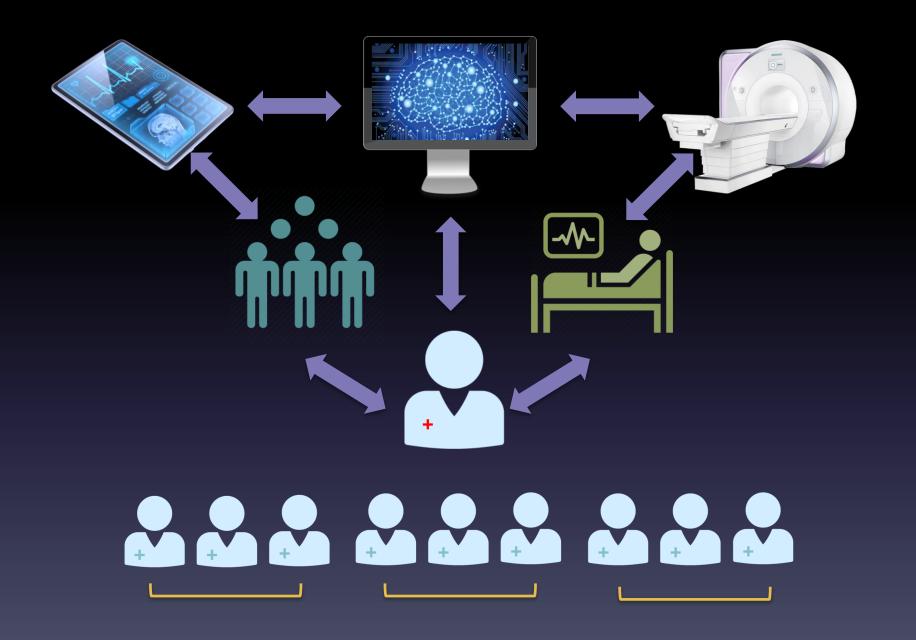
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Patient-driven Medicine



Unplanned Emergency Admissions

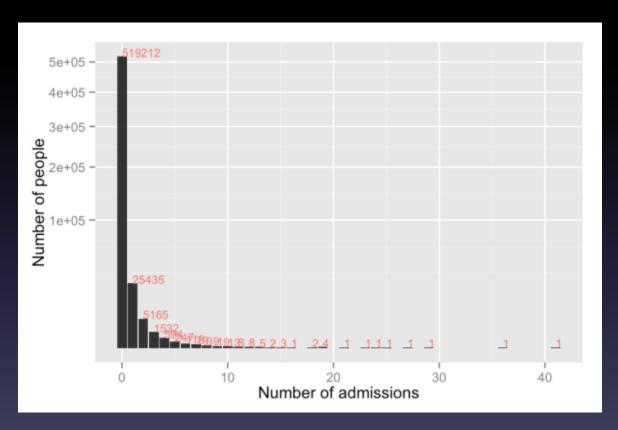
£3,000/admission £12,000,000,00 annually



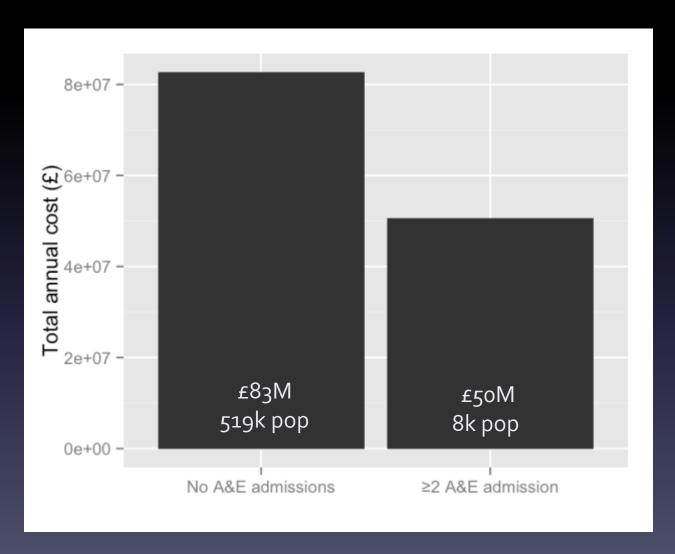


Unplanned Emergency Admissions in Somerset

- Symphony Dataset
 - ~600,000 patients
 - Integrated data

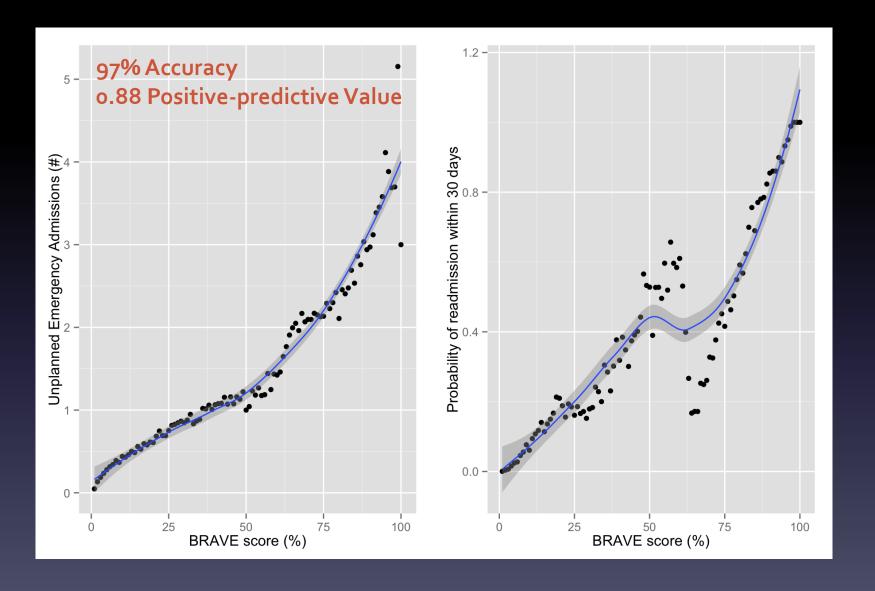


Cost implications

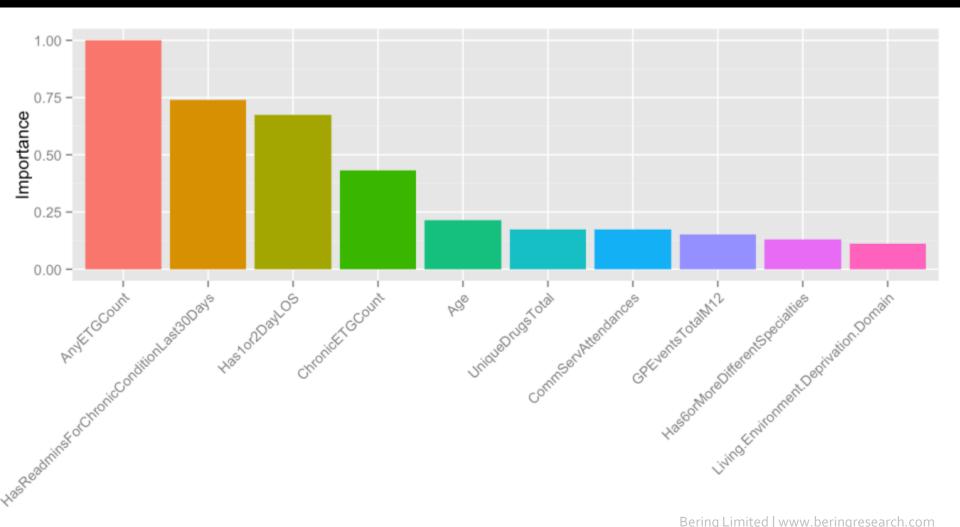


Our Solution

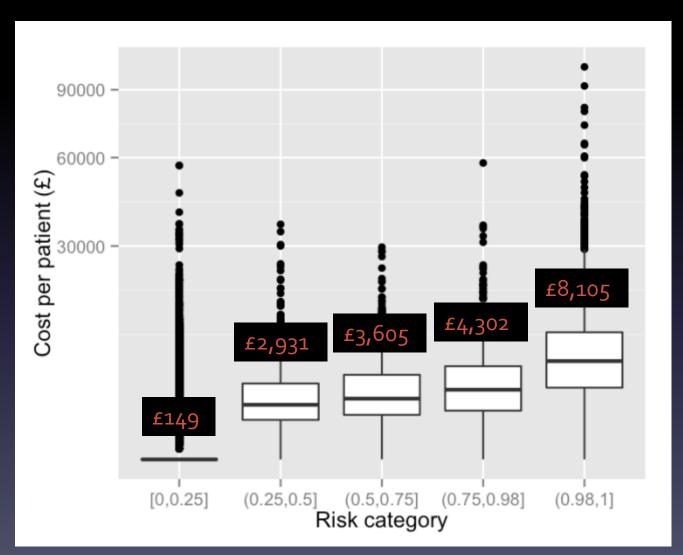




Personalizing Risk



Predicting Cost



Summary

(Big) Data-driven:

- Medicine
- Planning
- Commissioning

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