

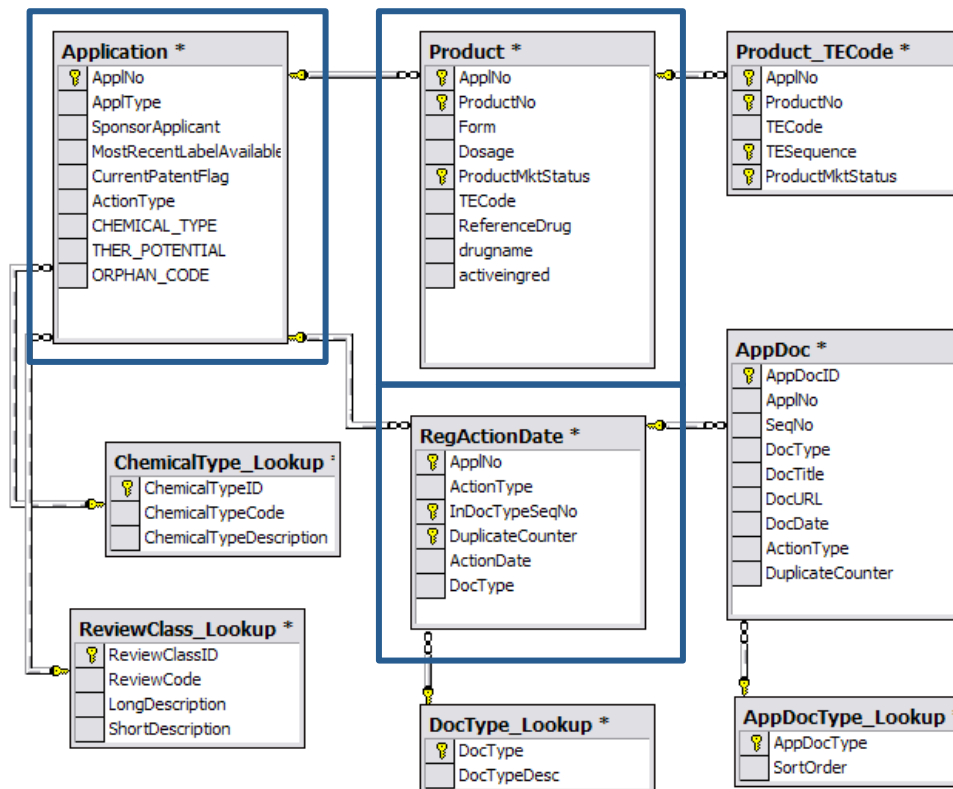
Changing Trend of Active Ingredients in Pain Relievers

Anne Chen

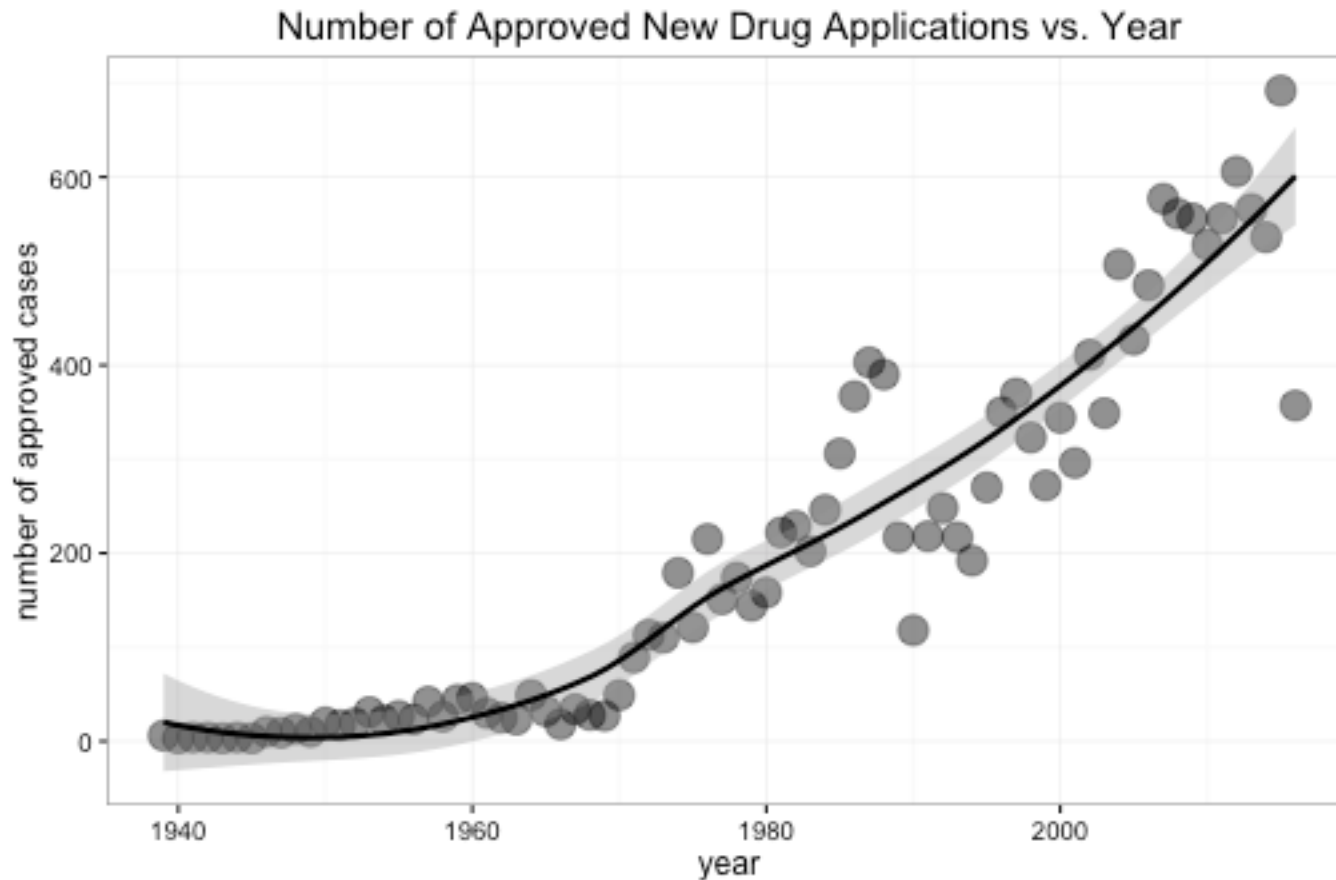
July 18, 2016

Dataset Introduction

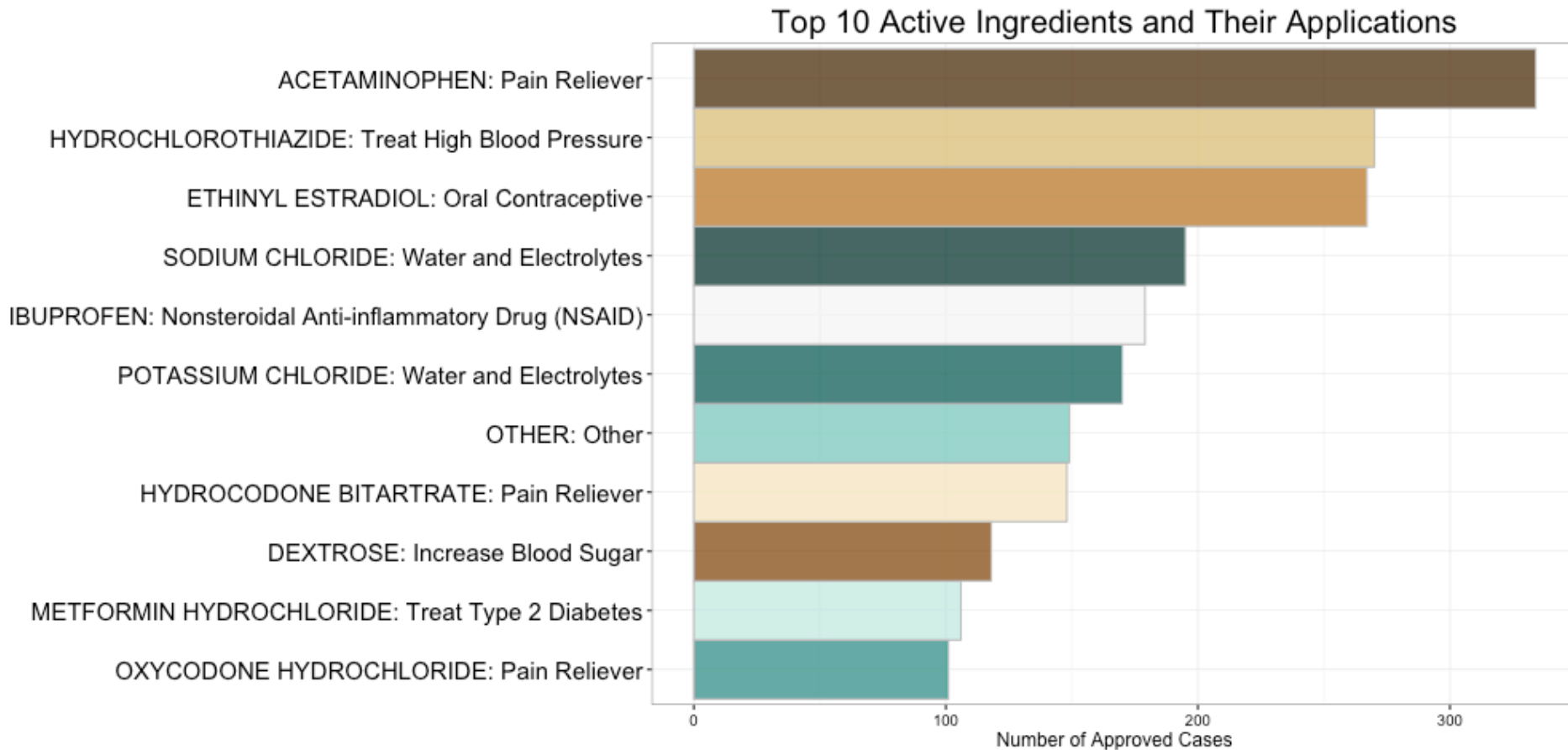
- Source: Drug Database from U.S. Food and Drug Administration (FDA)
- Entity Relationship Diagram:



Number of Approved New Drug Applications Has Increase Over Past Decades

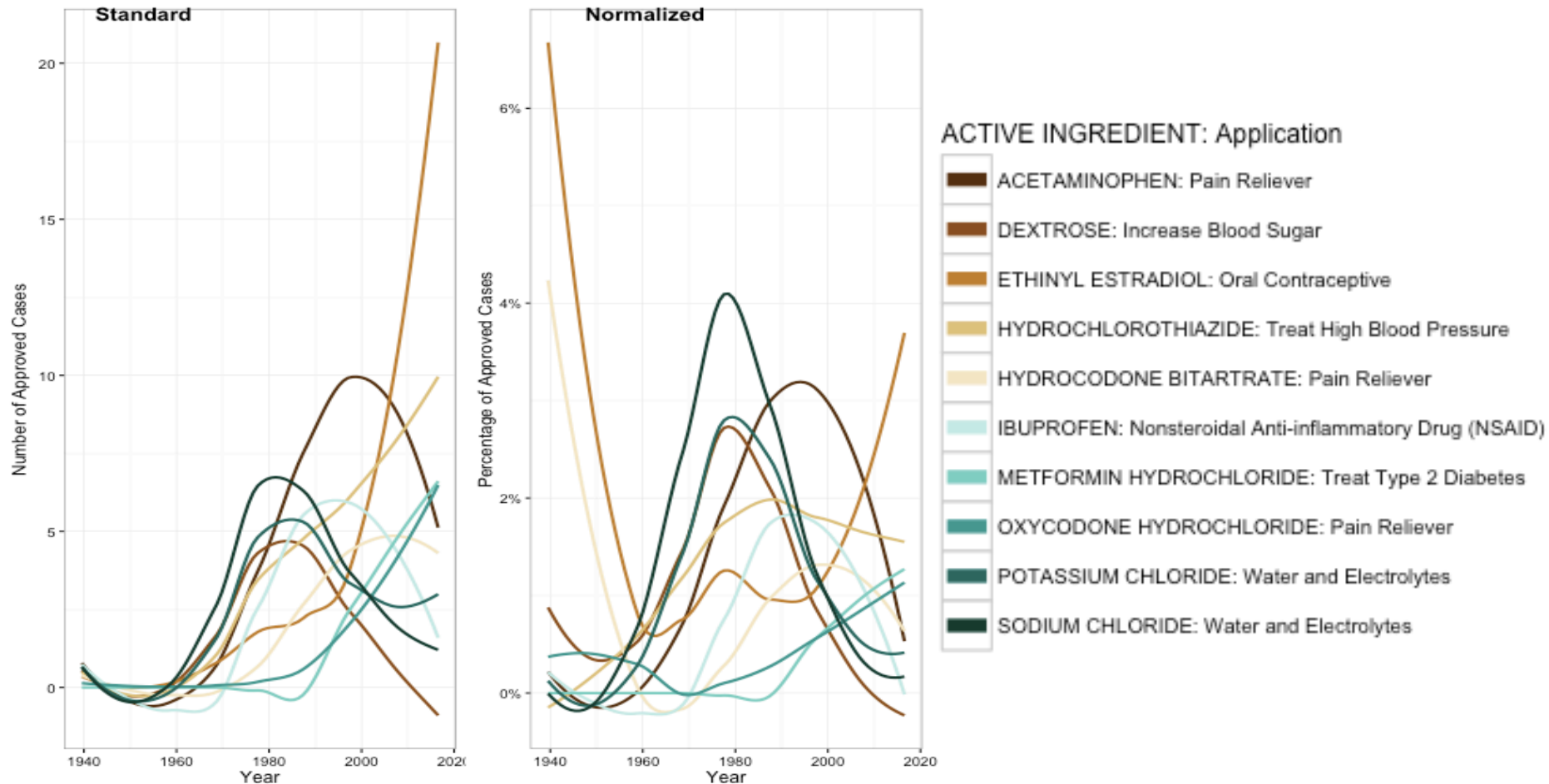


Top 10 Active Ingredients in Approved Cases From 1939 to 2016

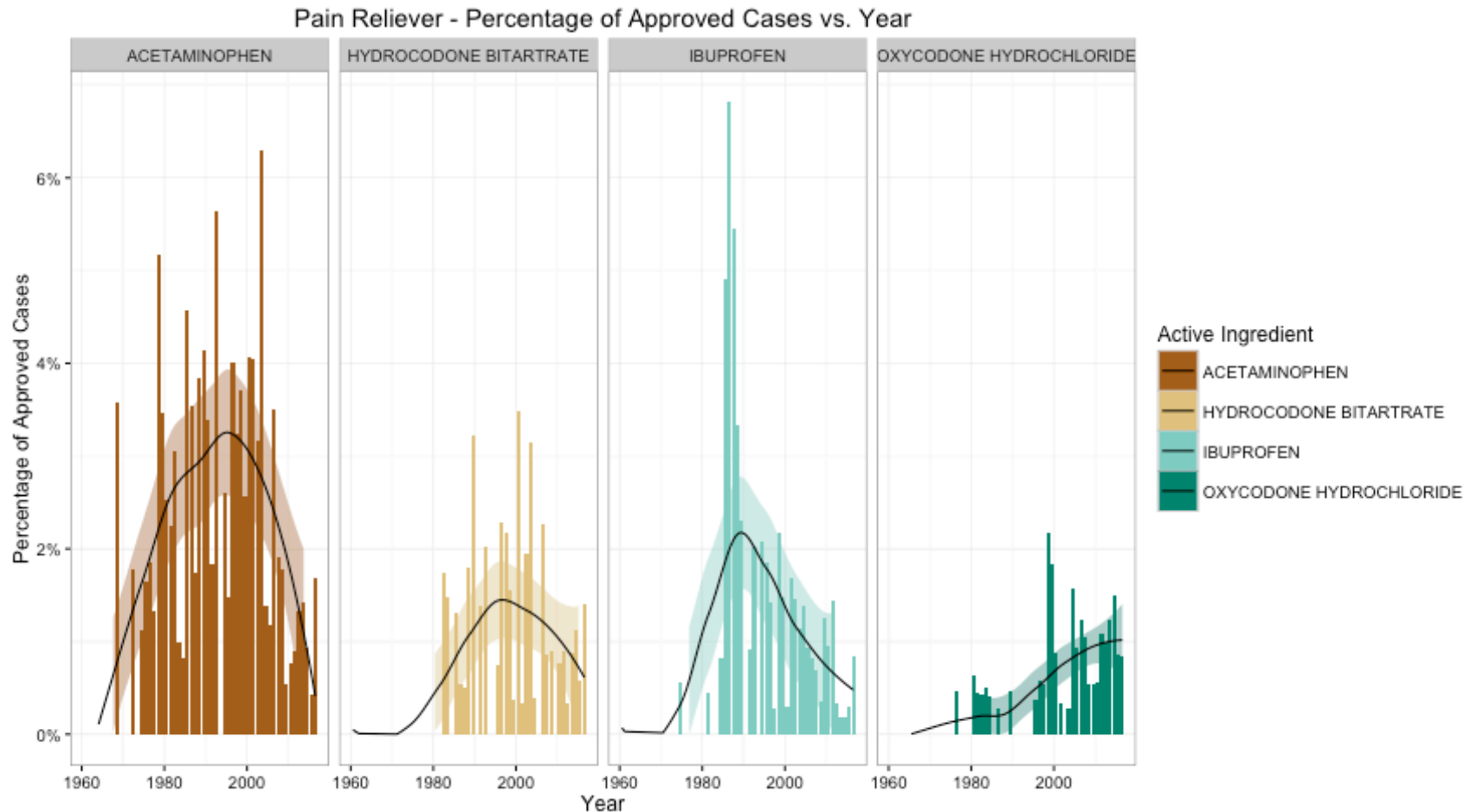


How Top 10 Active Ingredients Change Over Years

Approved Cases for Top 10 Active Ingredients vs. Year



Changing Trend of Active Ingredients in Pain Relievers



Q & A