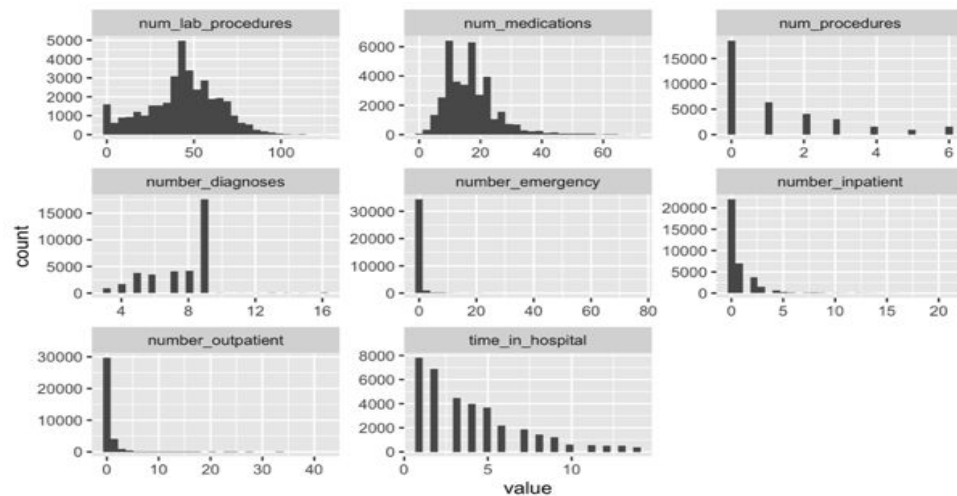


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b i t s p l e a s e

Henrietta Holze | Marida Ianni-Ravn | Caroline Lennartsson | Roosa Varjus

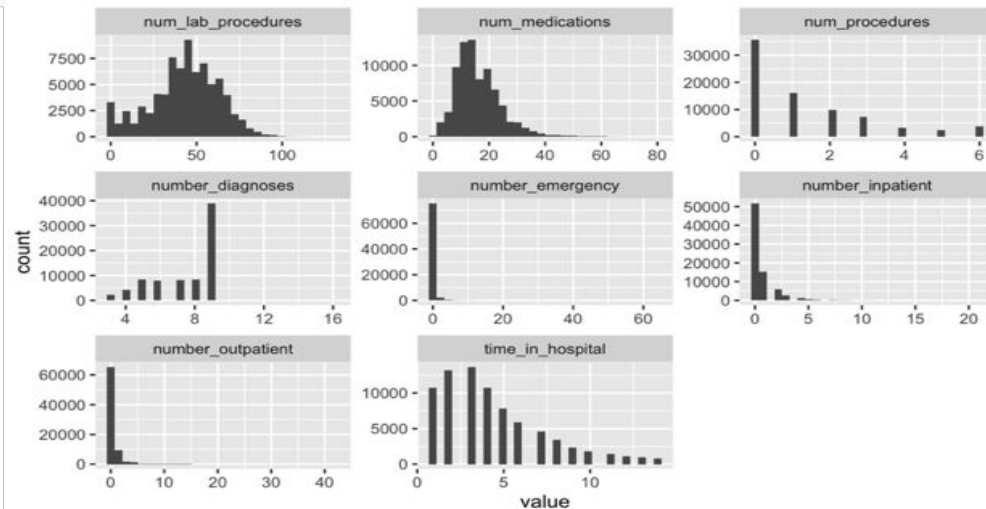
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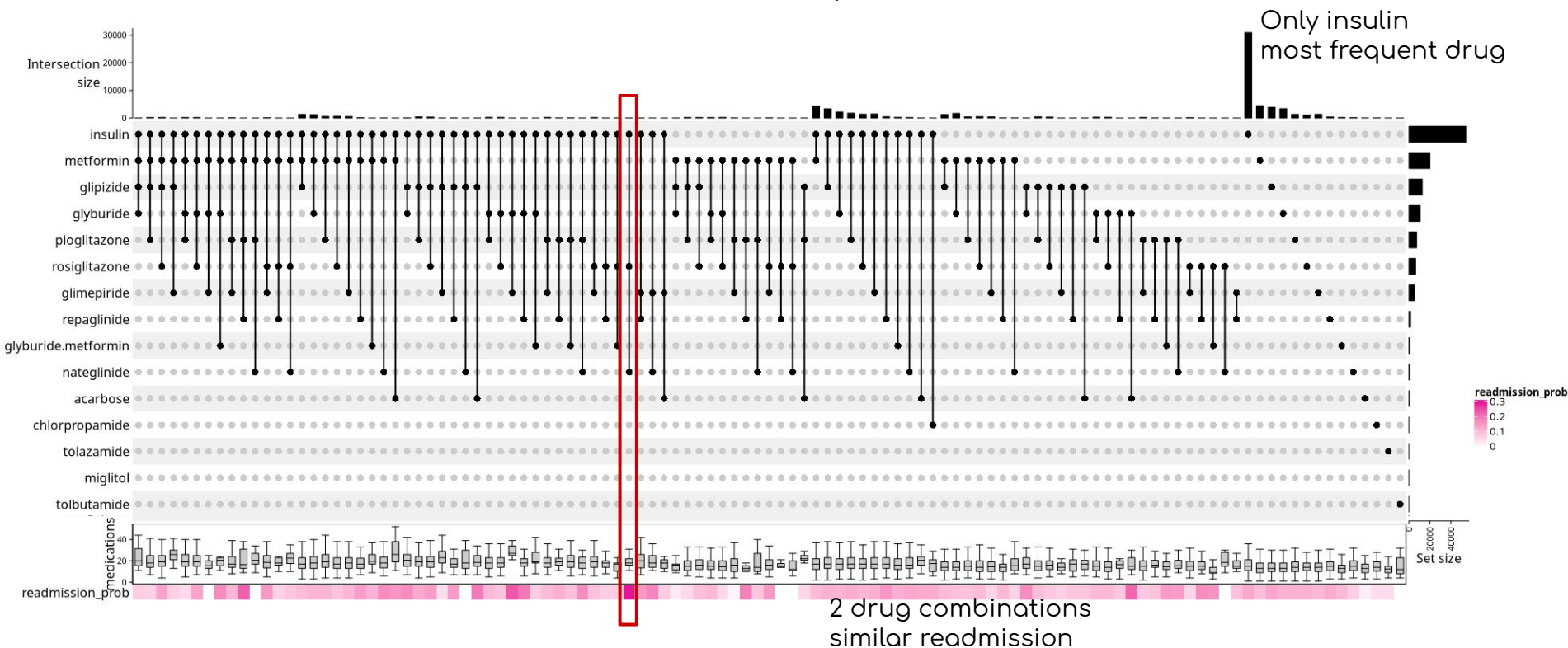
**Synthetic**

Distributions of patients are otherwise really similar except for the time spent in hospital

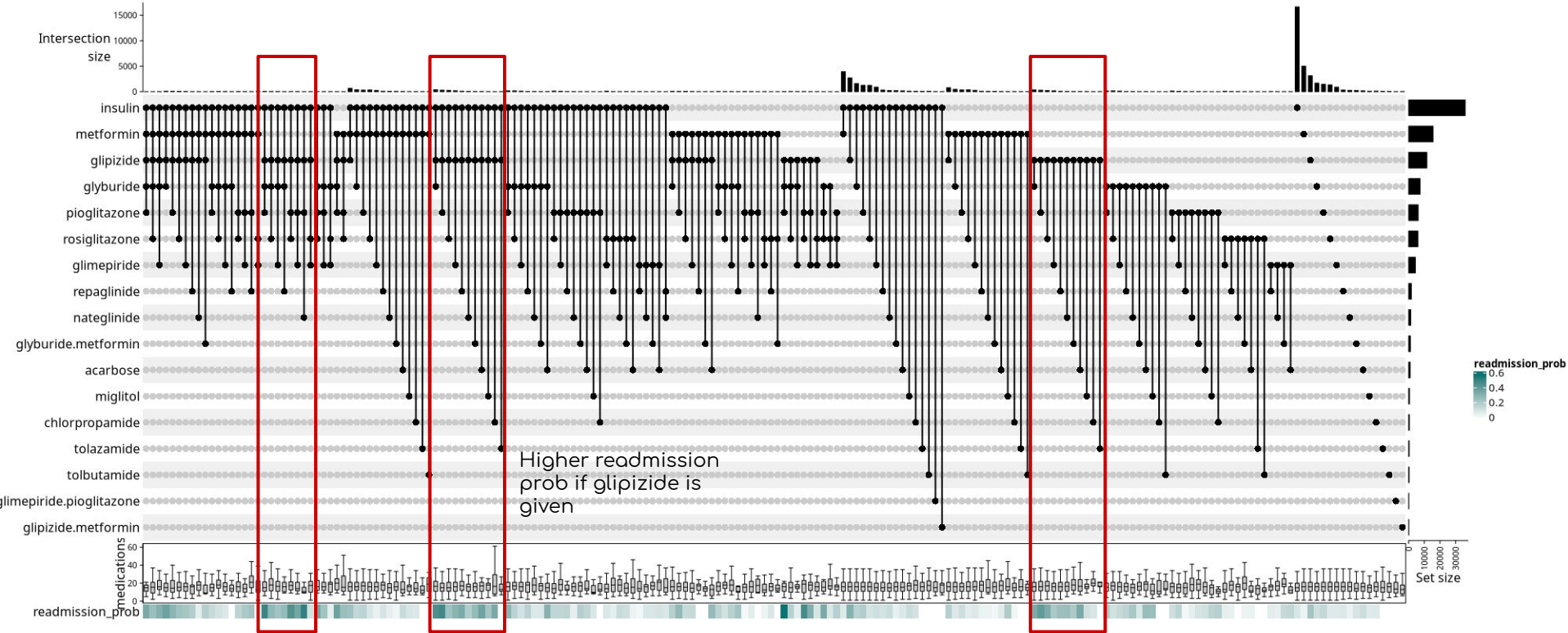
**Real**



# Drug combinations and early readmission



- Drug = 'Steady', 'Down', 'Up'
- Filter: drug combinations with at least 10 patients
- Readmission prob relatively even distributed

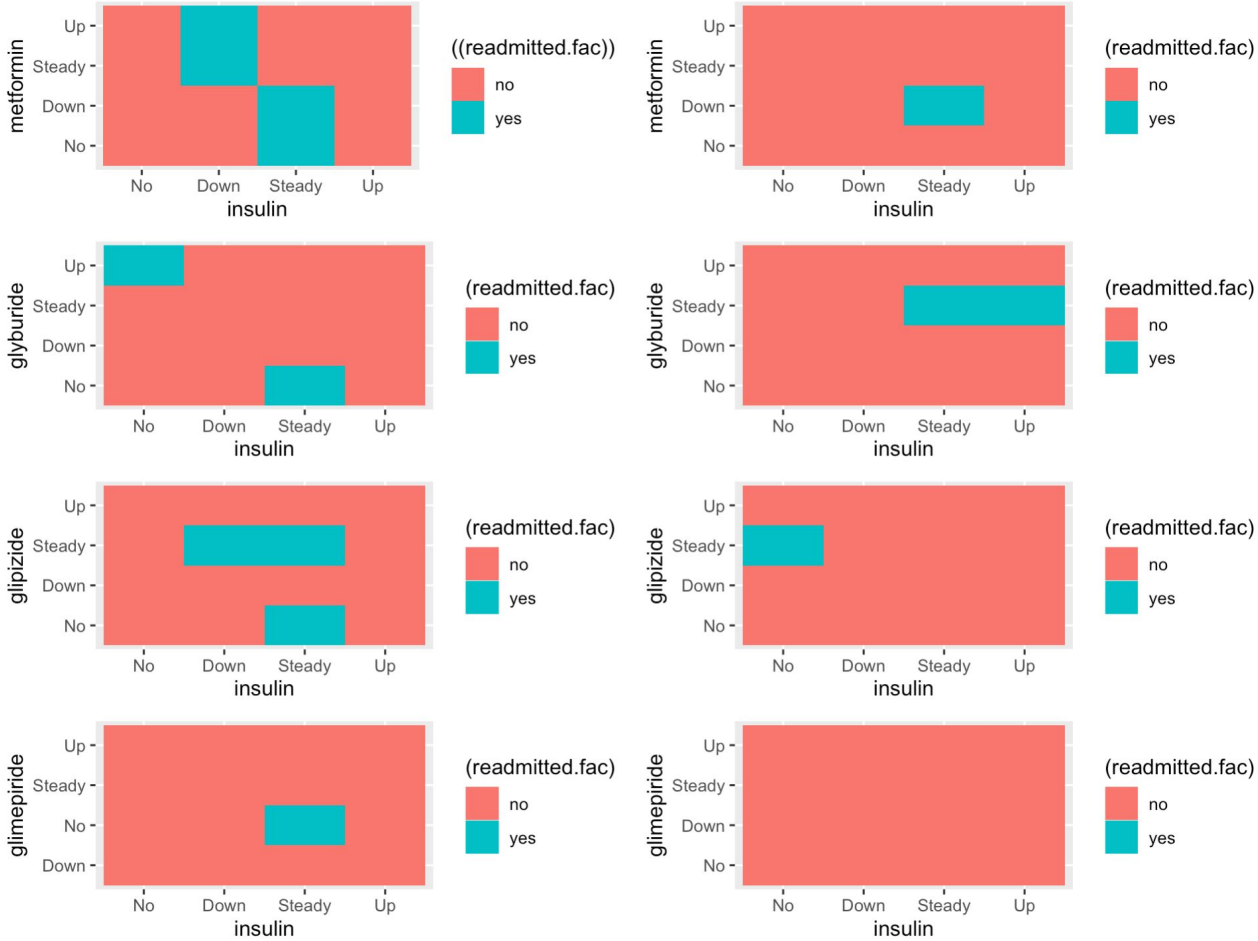


- Synthetic data has 928 different med combinations, real data has 337  
 → >591 combinations that appear only in synthetic data  
 → ~630 only in synthetic data
- Highest number of combined drugs: 8 in synthetic, 6 in real
- Combinations of drugs with side effect more frequent in synthetic data

Drugs in combination with insulin + colours by early patient readmission

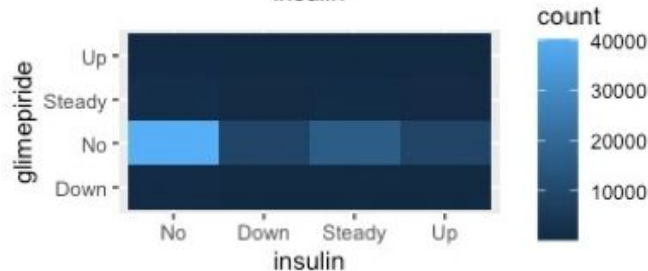
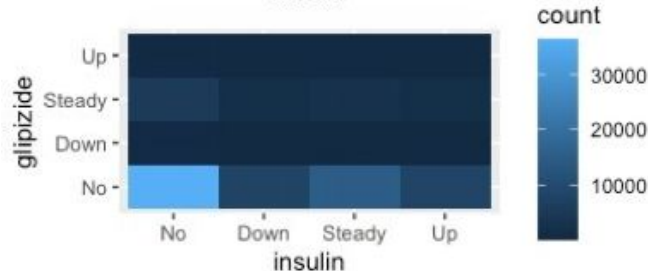
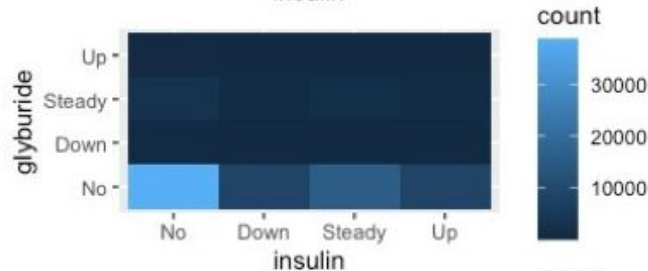
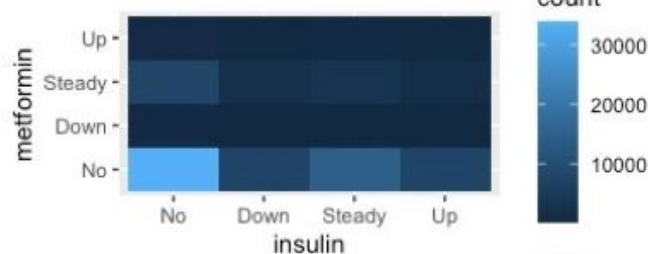
Early readmission="yes"

Synthetic data

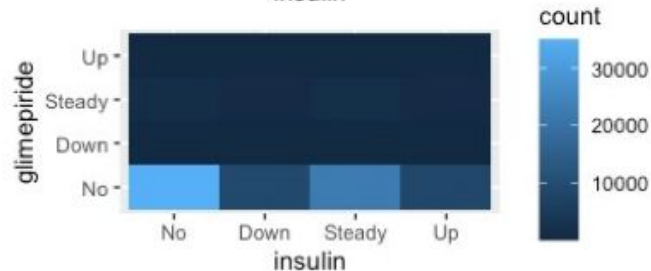
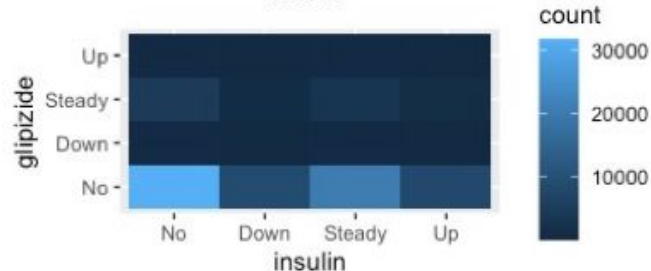
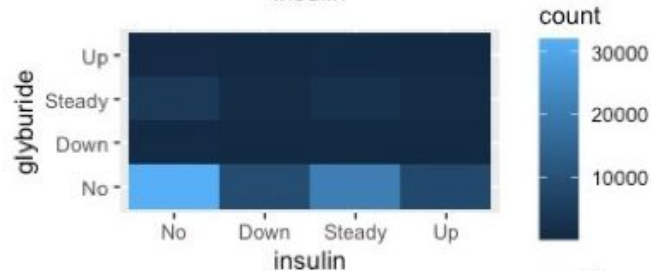
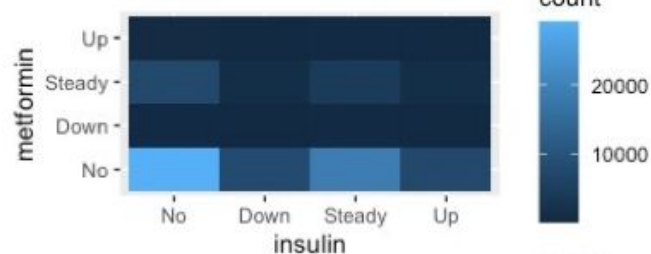


Real data

Drugs in combination with insulin + colours by number of patients using them



Synthetic data



Real data