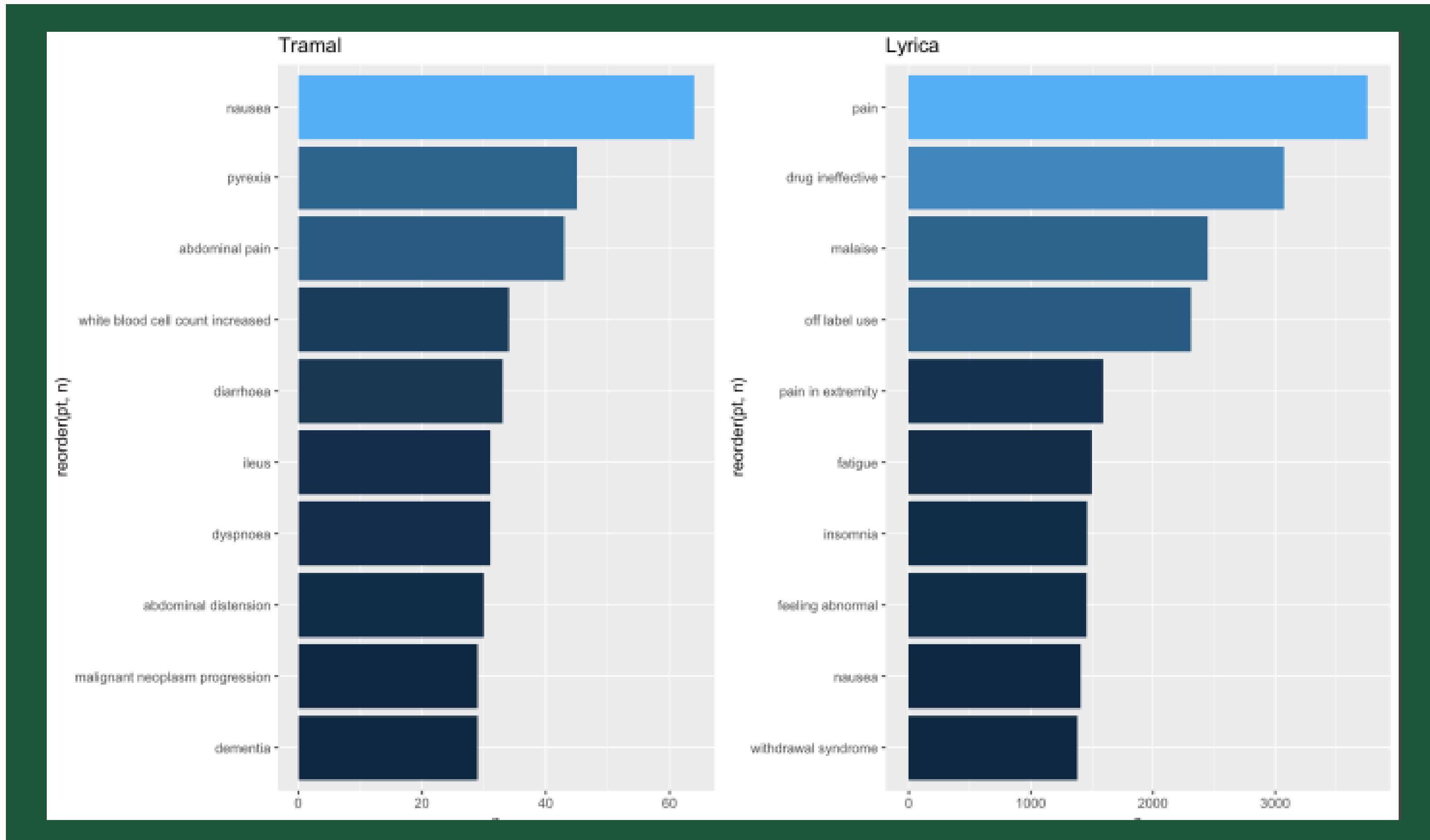


Presentation 2024

PREDICTIVE HEALTH CARE ANALYSIS

Descriptive overview



Comparison of Tramal to Lyrica

The adverse effects of the two drugs seem to differ:

Top adverse effects for TRAMAL

- Nausea,
- Pyrexia (Fever)
- Abdominal pain

Top adverse effects for LYRICA

- Pain,
- Drug ineffective
- Malaise

COMPARISON OF TRAMAL TO LYRICA

The top two adverse effects of Lyrica seem to indicate, that a patient visits the doctor again because of sense pain and/or because of the feeling that the drug might not work as intended.

This could be an indication that Lyrica might not be a proper drug against pain in many occasions. On the other side, adverse effects of Tramal seem to show, that many patients get nausea.

Considering the fact, that Tramal is usually prescribed for severe pain and that “pain” is not listed in the adverse effects, the conclusion can be made, that Tramal is actually working as intended. However, it also seems that there are more severe adverse effects that might prevent patients to take the drug long term.



Further investigations



Issue 1

What was the drug initially prescribed for? Does the adverse effect differ depending on that?



Issue 2

Are there any adverse effects resulting from comedication?



Issue 3

Do adverse effects of drugs depend on other factors such as demographic data of the patient?



Issue 4

What are the long vs. short term adverse effects of the drugs?



Issue 5 Can adverse effects be treated by other drugs? In case of Tramal, a medication for nausea or pyrexia?