Cannlytics

Cannabis Data Science

Cannabis Data Science #56

March 9th, 2022

Yield is the name of the game.

- Does the amount a producer produces affect the number of periods a producer has operated or if a producer has exited?

- Does the amount a retailer sells affect the number of periods that they have operated or if they have exited?

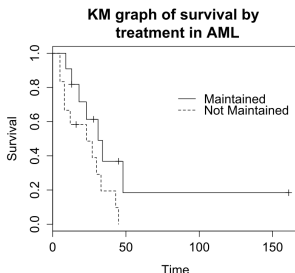Free entry sign in Germany.
Author: Lupus in Saxonia
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Survival Analysis

- **Survival analysis** is a branch of statistics for analyzing the expected duration of time until one event occurs.

- Can fit a parametric **survival function**
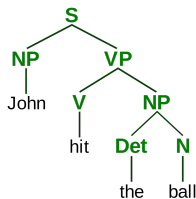
$$S(t \mid \beta, X) = P(T > t \mid \beta, X)$$

KM graph of survival by treatment in AML

Survival function for treated and untreated leukemia.
Author: Michaelg2015
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Natural Language Processing

- **Symbolic methods** – hand–coding a set of rules to be used with dictionary lookup.

- **Machine-learning algorithms** – systems based on automatically learning rules can be made more accurate simply by supplying more input data.

🙏 **Thank you for coming.**

Lesson of the Day

- Parsing natural language can be complex, but can yield valuable data.