Cannabis Interactive Analysis

Code

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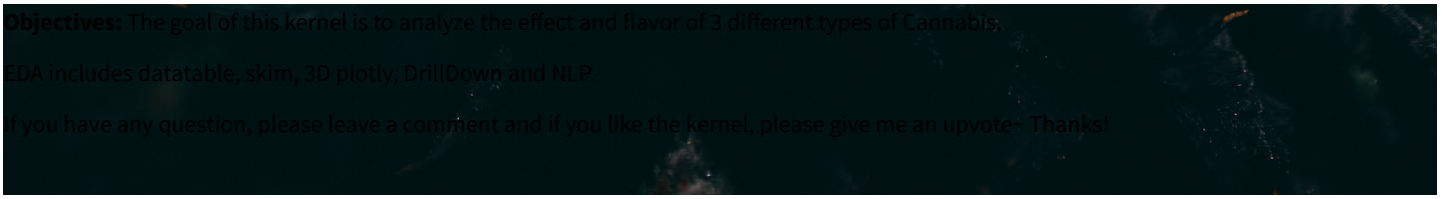
1 Introduction



2 Basic Set up

2.1 Load Packages 2.2 Load Dataset

Code

3 Glimpses

3.1 skim 3.2 datatable 3.3 glimpse

Code

Data summary

Name	Piped data
Number of rows	2351
Number of columns	6
_____	
Column type frequency:	
character	5
numeric	1
_____	
Group variables	None

Variable type: character

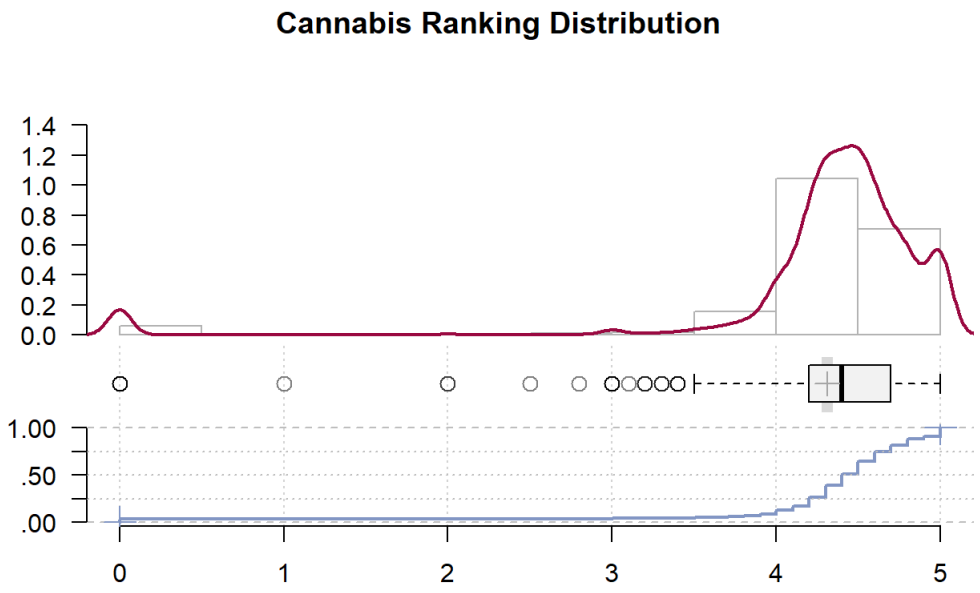
skim_variable	n_missing	complete_rate	min	max	empty	n_unique	whitespace
Strain	0	1.00	2	30	0	2350	0
Type	0	1.00	6	6	0	3	0
Effects	0	1.00	4	46	0	1655	0
Flavor	46	0.98	3	30	0	1293	0
Description	33	0.99	4	1120	0	2312	0

Variable type: numeric

skim_variable	n_missing	complete_rate	mean	sd	p0	p25	p50	p75	p100	hist
Rating	0	1	4.31	0.84	0	4.2	4.4	4.7	5	▁▁▁▁▁▁▁▁▁▇

4 Cannabis Ranking Distribution

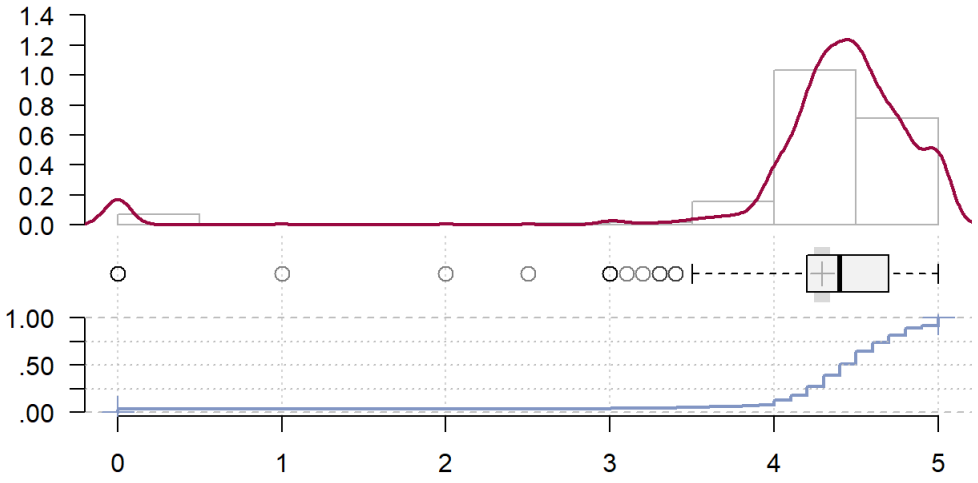
Code



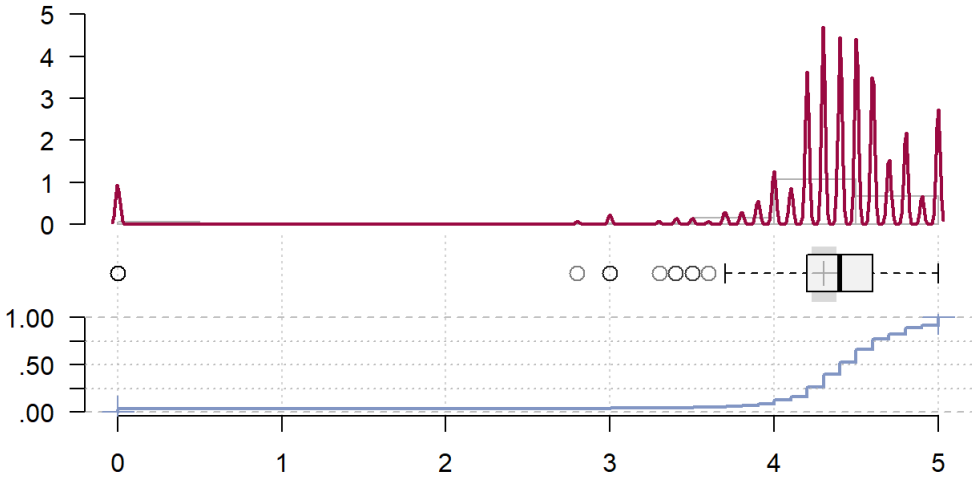
Ranking by Types

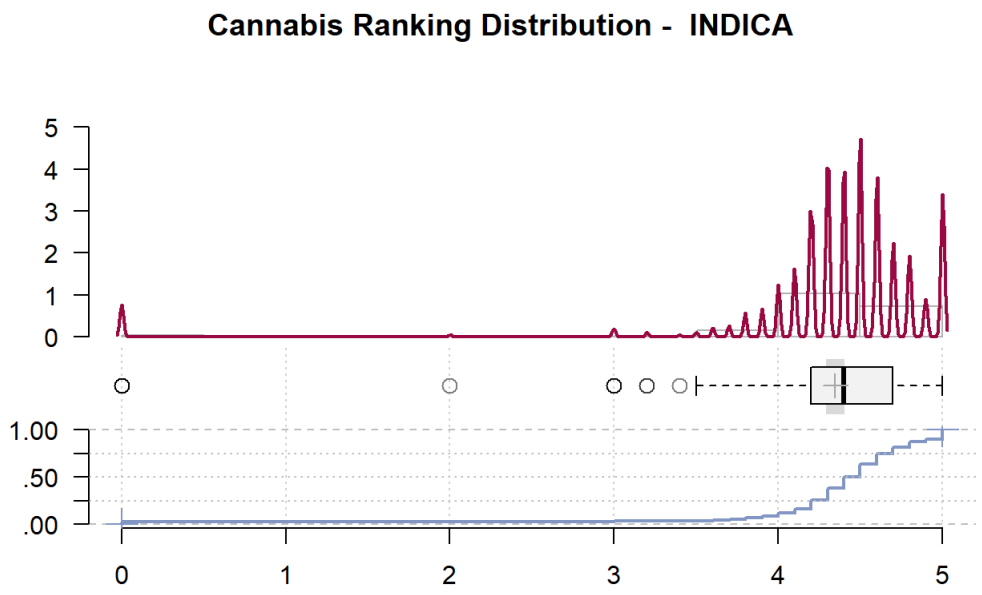
Code

Cannabis Ranking Distribution - HYBRID



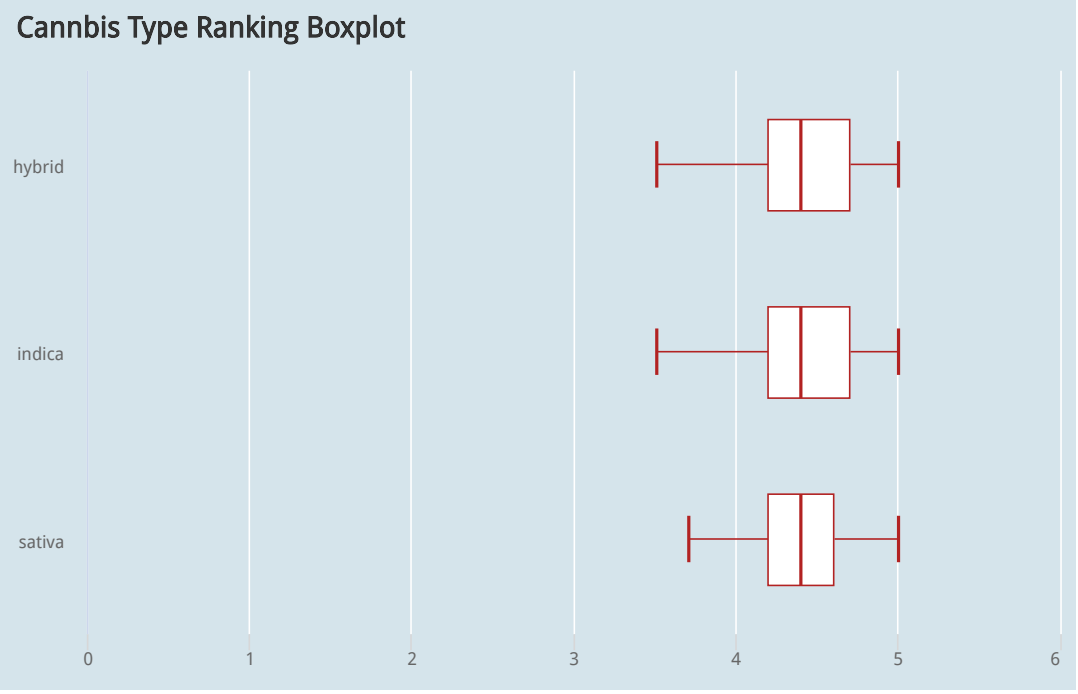
Cannabis Ranking Distribution - SATIVA





5 Cannabis Ranking Boxplot by Type

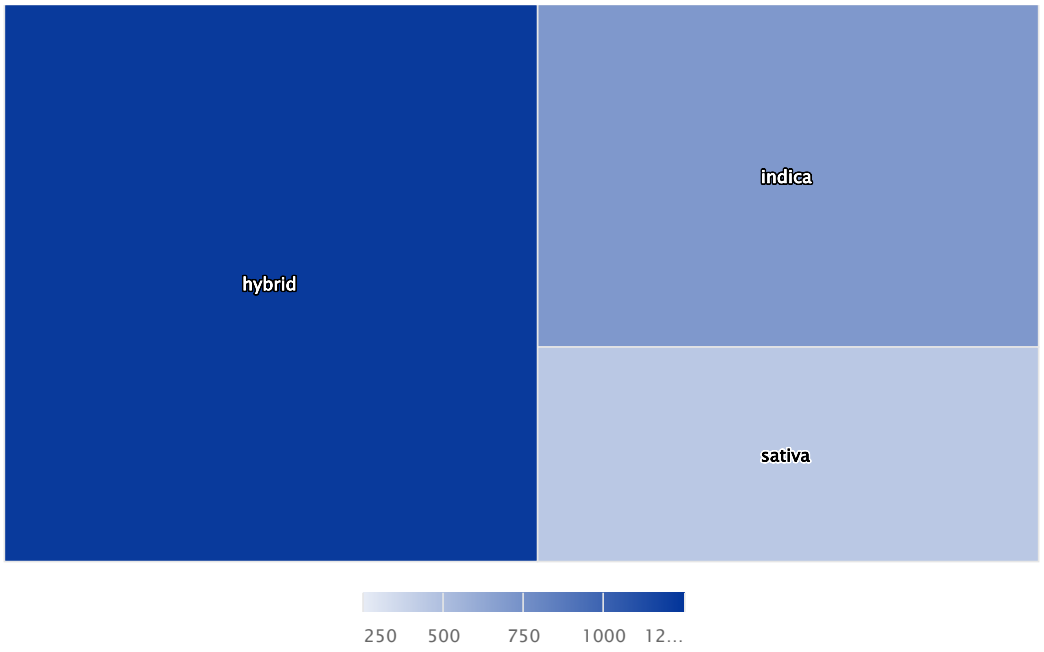
Code



6 TreeMaps

6.1 TreeMap by Type 6.2 TreeMap by Effects 6.3 TreeMap by Flavors

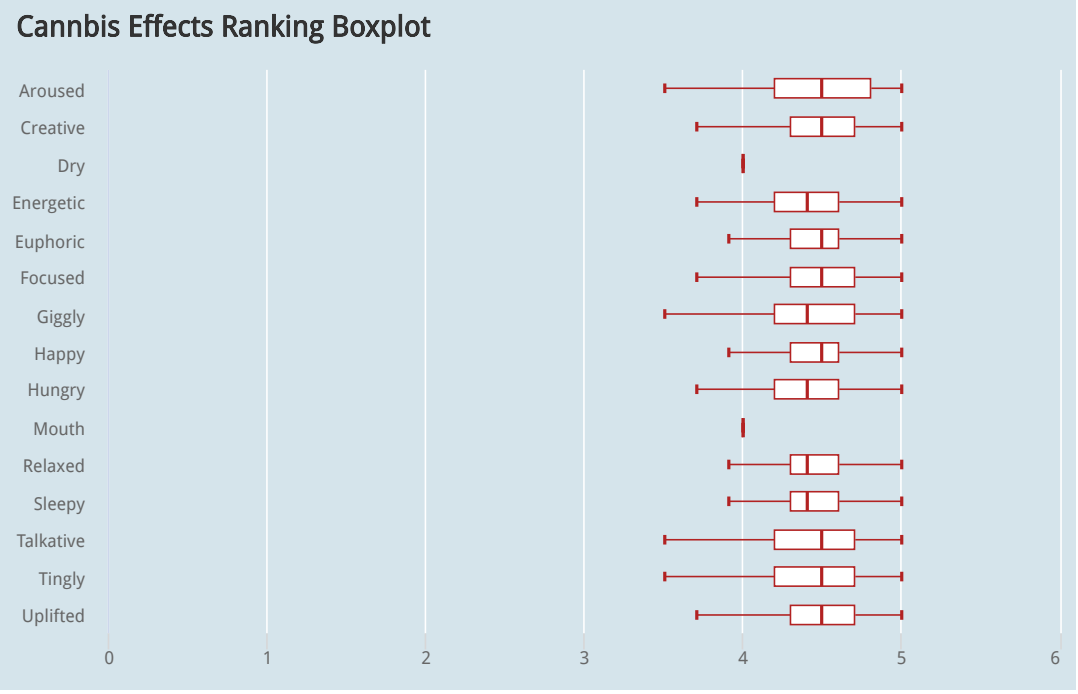
Code



Code

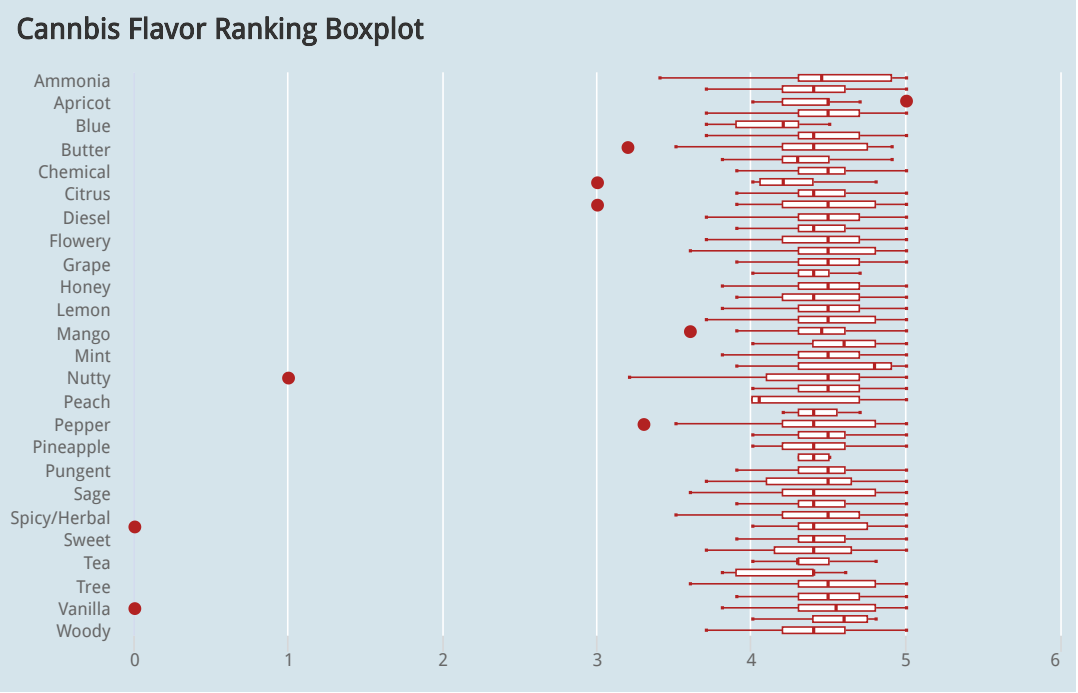
7 Rating by Effects

Code



8 Rating by Flavors

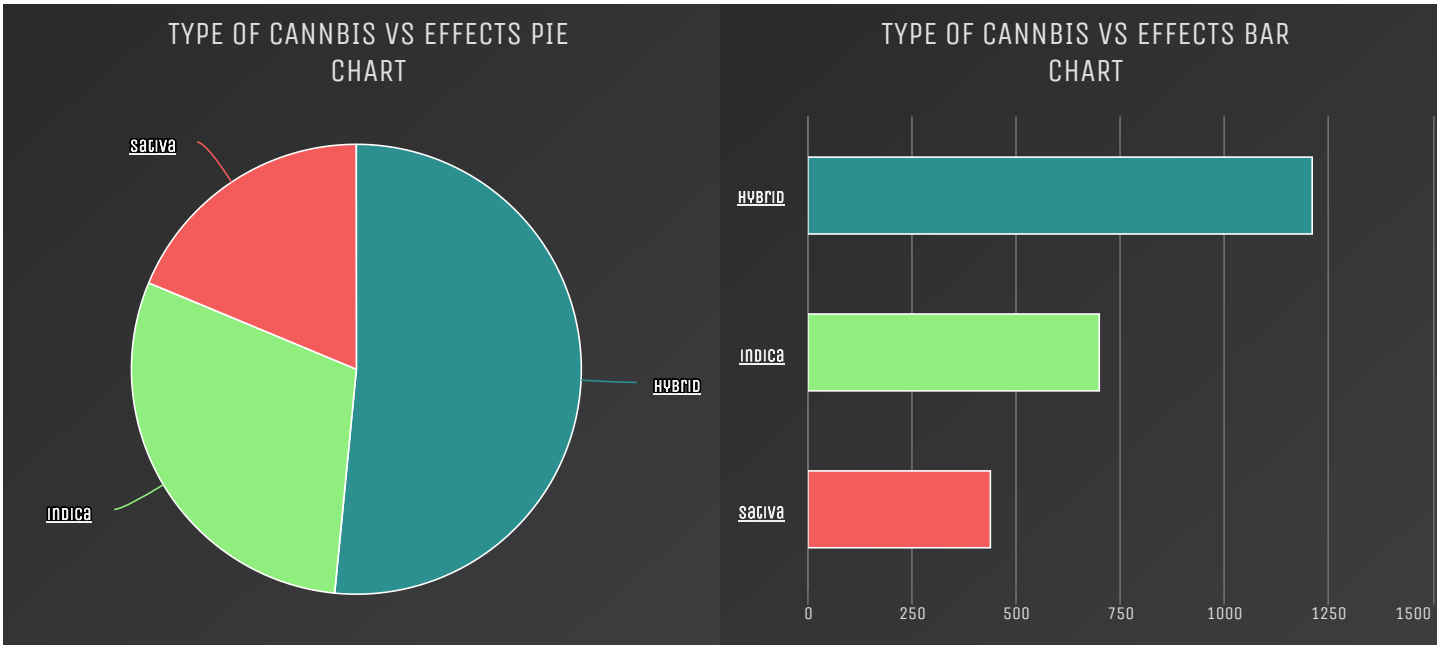
Code



9 Interactive Drill Down Graph for 3 Types by Effects

Click the part to Drill Down!

Code

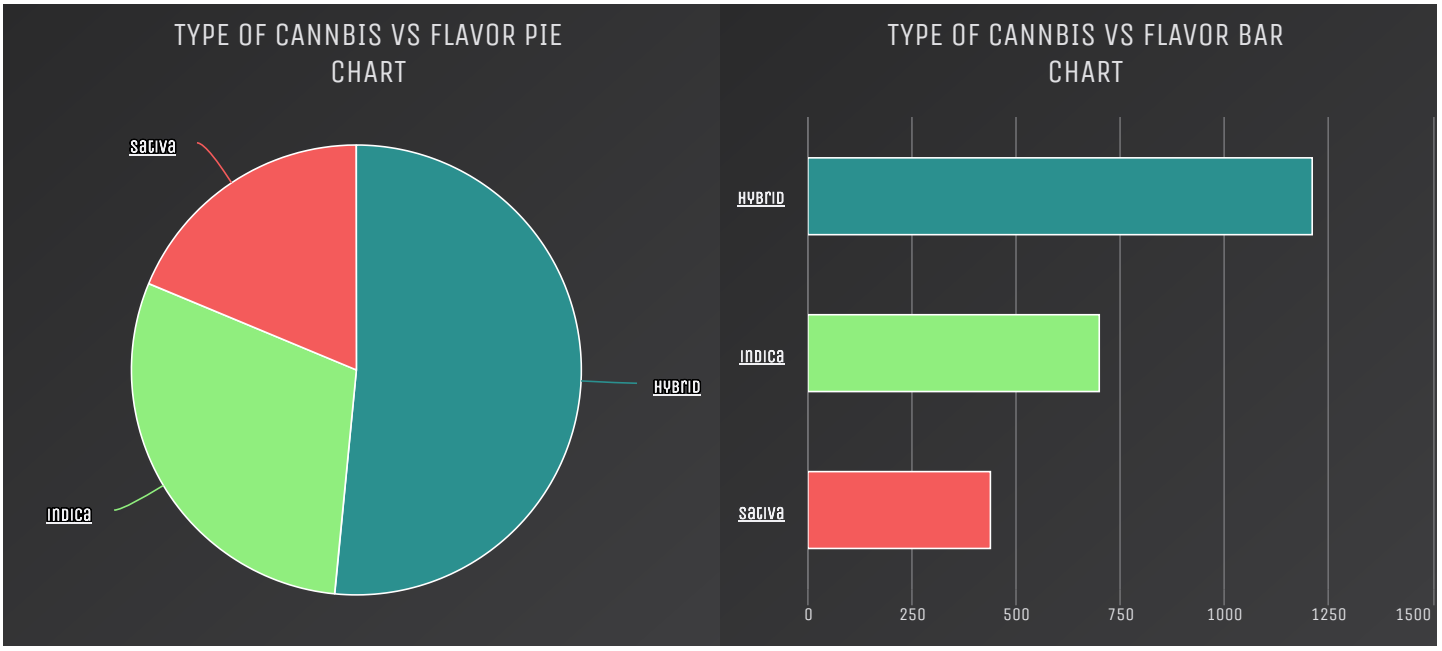


Code

10 Interactive Drill Down Graph for 3 Types by Flavors

Click the part to Drill Down!

Code



Code

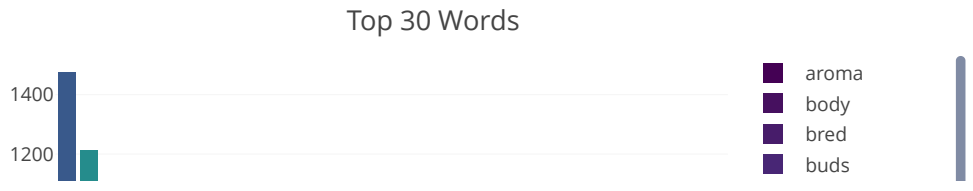
11 NLP Setup

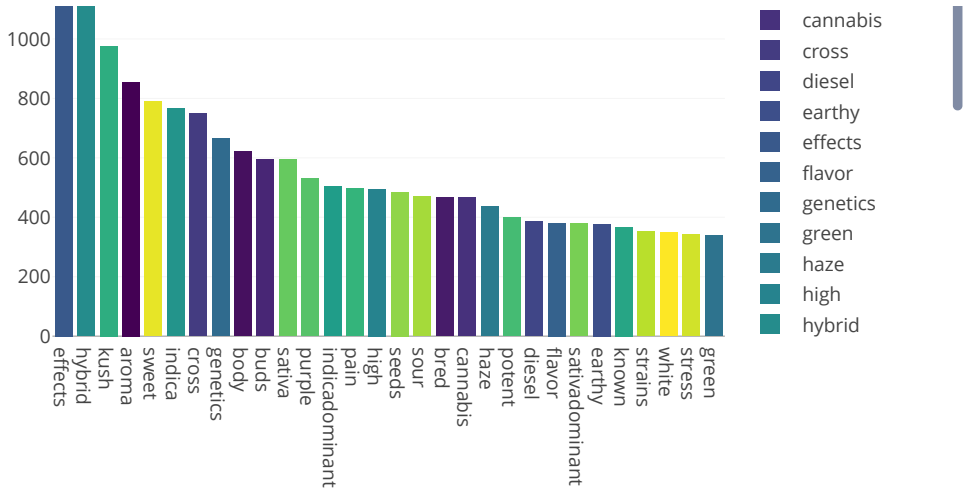
11.1 clean corpus 11.2 frequent terms 11.3 clean by each type

Code

12 Top 30 Words in Description

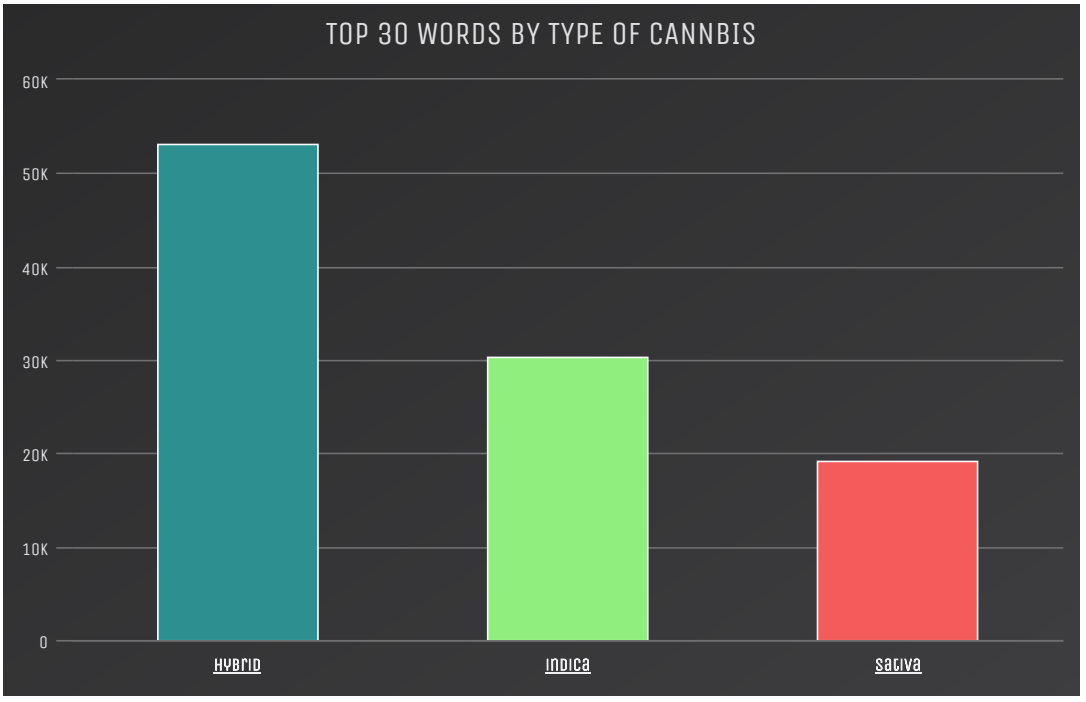
Code





13 Top 30 Words by Type

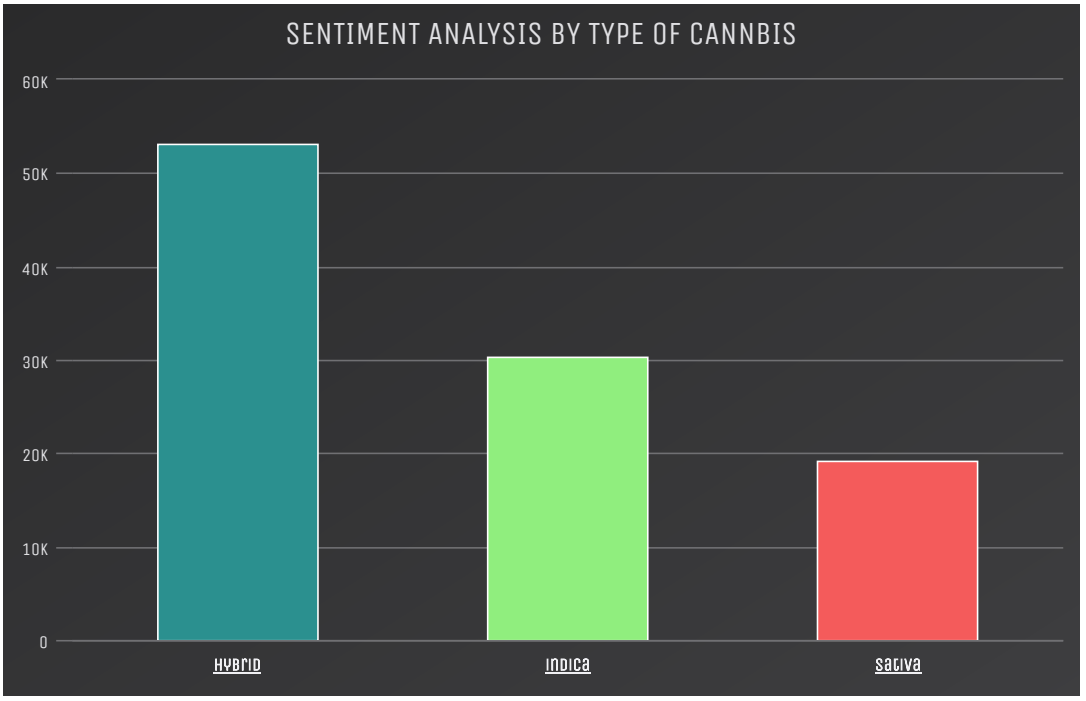
Code



Code

14 Sentiment Analysis by Type

Code



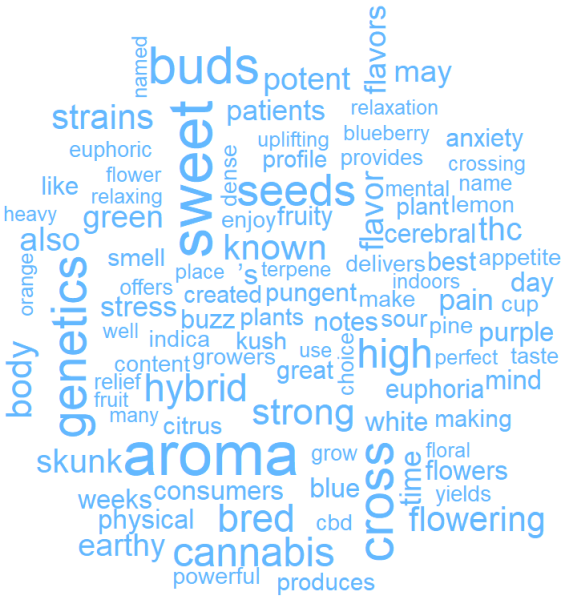
Code

15 WordCloud

15.1 Commonality Cloud 15.2 Comparison Cloud

Sativa vs Indica

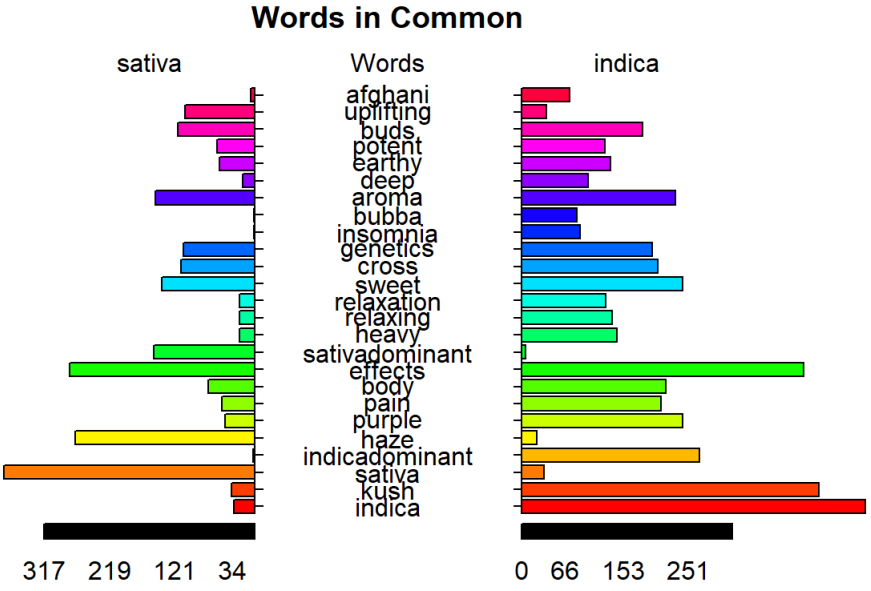
Code



16 Pramid Plot

Sativa vs Indica

Code




```
## 517 517
```

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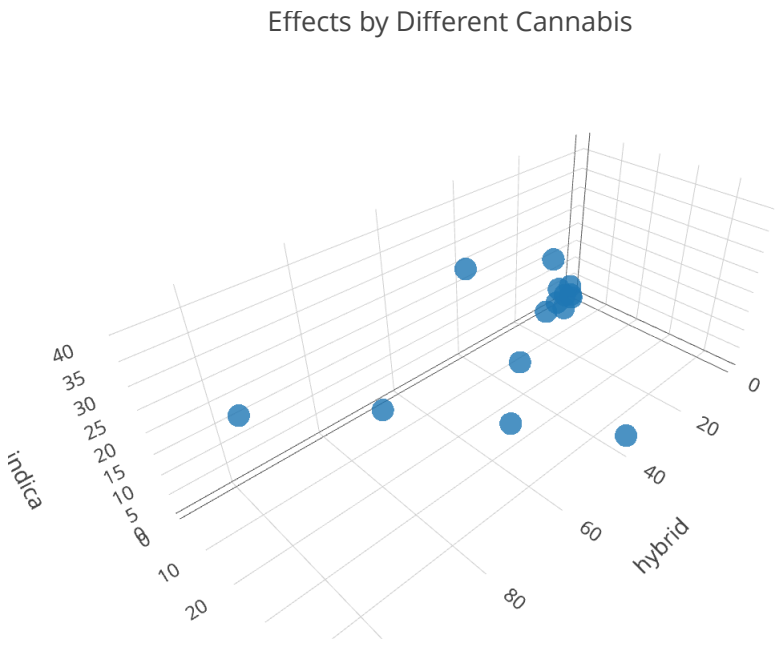
## [1] 5.1 4.1 4.1 2.1
```

Code

17 3D Plotly - Effects by type

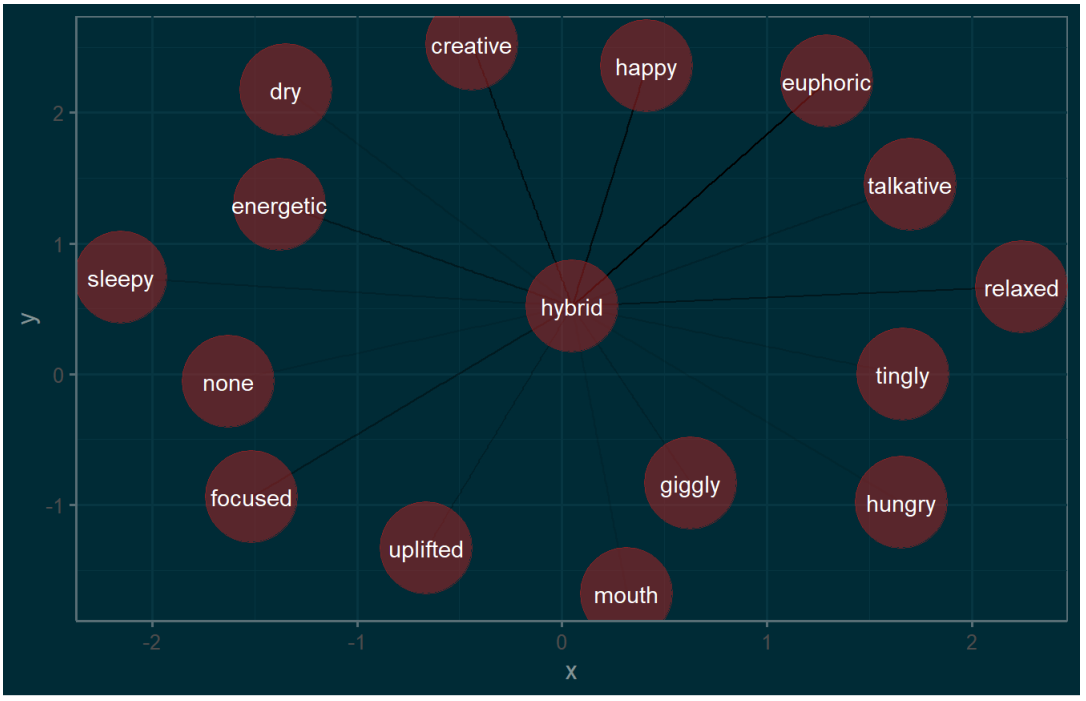
Code



18 Hybrid Networks

18.1 Hybrid Network 1 18.2 Hybrid Network 2 18.3 Hybrid Network 3 18.4 Hybrid Network 4

Code



19 Conclusion

Hope you enjoyed the cannabis analysis