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What Is It?

DiscOmic is a classification and labeling system for cannabis and its products. It summarizes the complex chemical profile into a simple visualization for easy interpretation and comparisons. Cannabis cultivars are distinguished by relative terpenoid contents, which determine flavor, smell, user experience, and physiological effect. As cultivar "strain" names and ineffective, indical/sativa have proven be to provides objective DiscOmic means of an chemometric categorization.

Derivation

Principal Component Analysis was performed on terpene and cannabinoid chemical profile data from flower samples tested using GC/MS with headspace and used to create Self Organizing Maps.



Distinguishing terpenes that clustered together combined into subgroups; K Means were Clustering was performed to determine how the samples were organized according to subgroup.

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