



Cannabis Data Science

Cananbis Data Science #141

January 4th, 2024

The Emerald Triangle in Northern California is a cannabis growing region comprising the counties:

- Humboldt
- Mendocino
- Trinity



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The Emerald Cup



Emerald Cup Data

- 2022 winners: <https://theemeraldcup.com/2022-award-winners>
- 2023 winners: <https://theemeraldcup.com/2023-award-winners>
- SC Labs results: <https://client.sclabs.com/verify/>

2022 Highest Terpene Content

Woodwide Farms – Mendo Crumble

4.2412% total terpenes



2023 Highest Terpene Content

Sanctuary Farms – Blunicorn

4.9194% total terpenes (+15.99%)



Most Unique Terpene Profile



2022 Predicted winner: Waiting Game - Glasshouse Farms
Terpene diversity: 3.63



2022 Official winner: Atrium Cultivation – Juice Z
Terpene diversity: 3.19

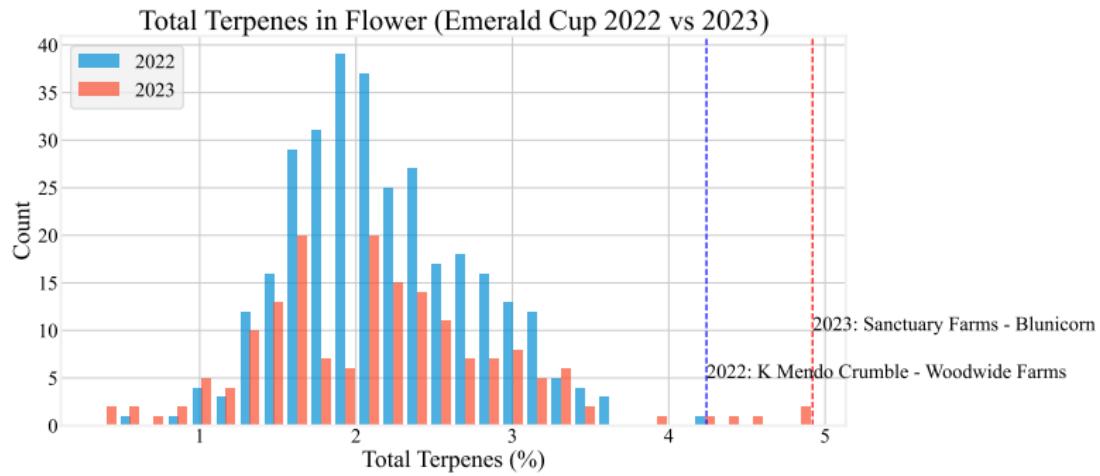


2023 Predicted winner: Fog City Farms - Strawberry Jam
Terpene diversity: 3.61

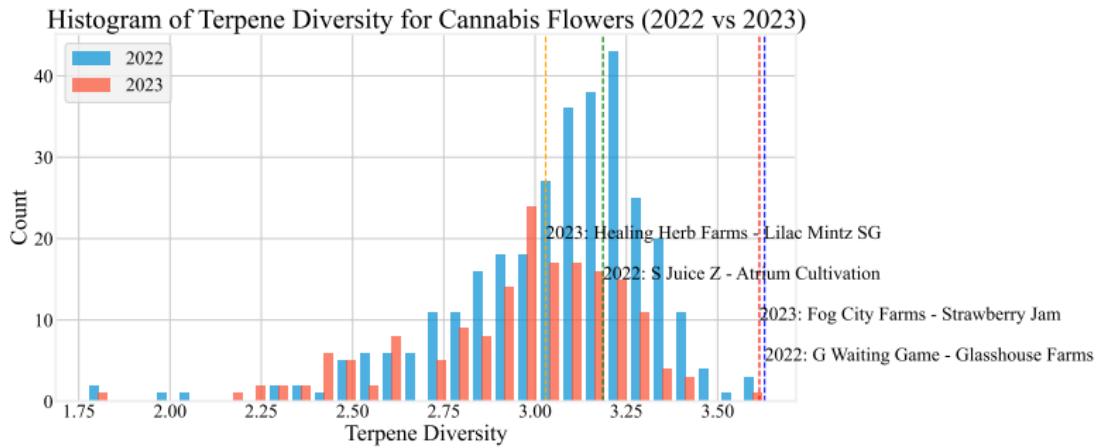


2023 Official winner: Healing Herb Farms – Lilac Mintz
Terpene diversity: 3.03

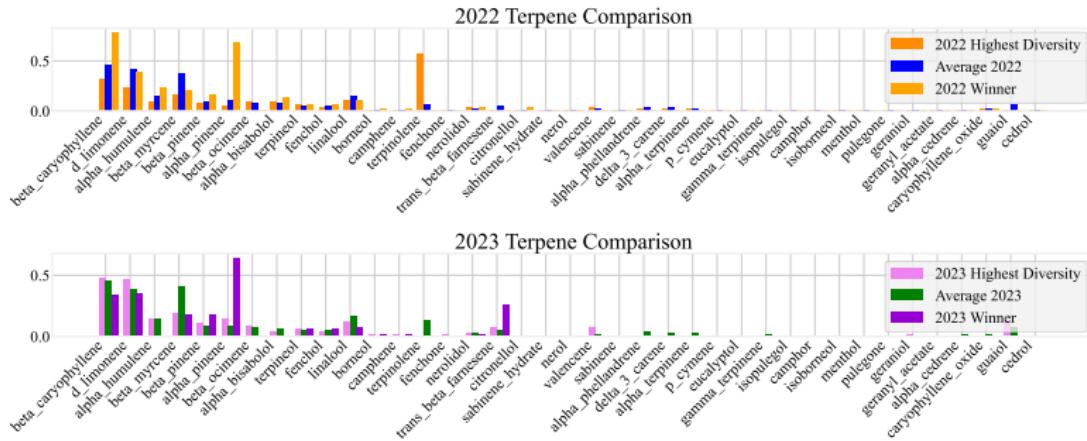
Total Terpenes



Terpene Diversity

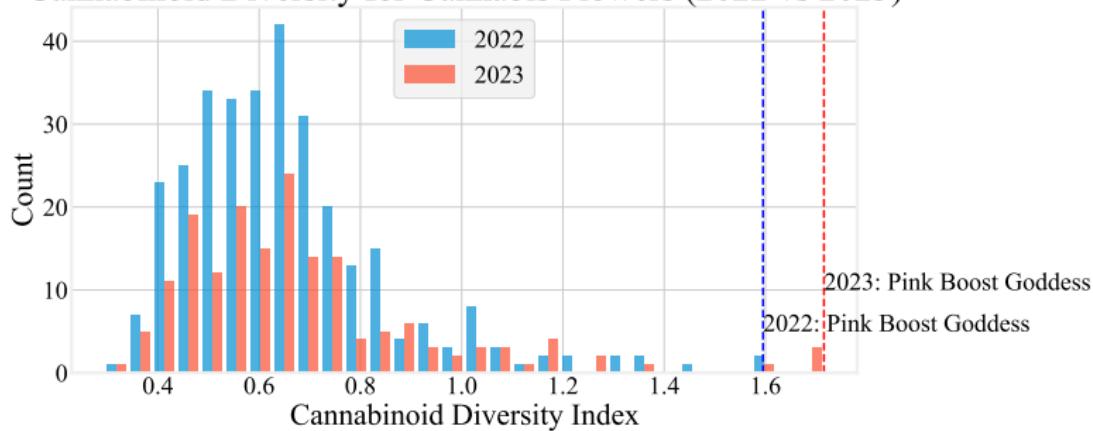


Terpene Diversity

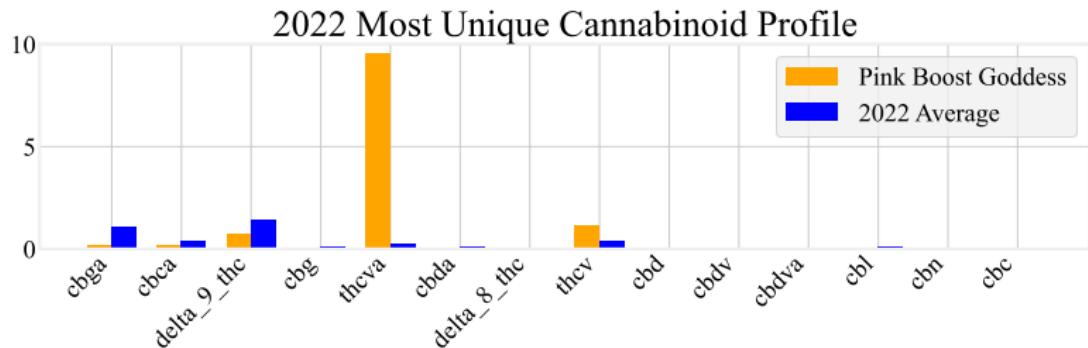


Cannabinoid Diversity

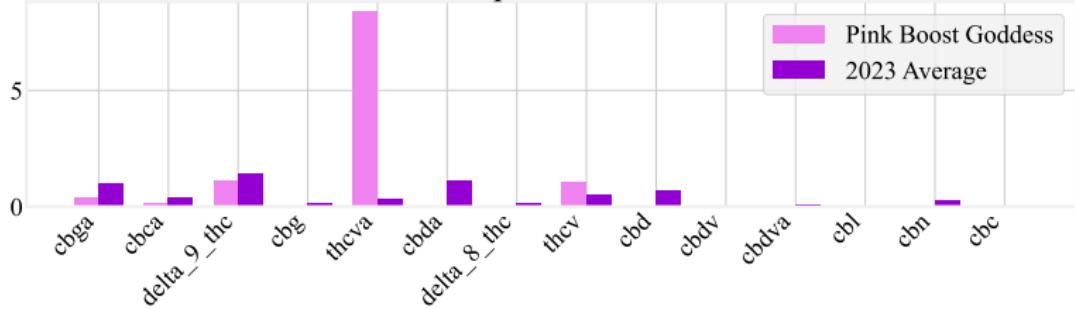
Cannabinoid Diversity for Cannabis Flowers (2022 vs 2023)



Cannabinoid Diversity

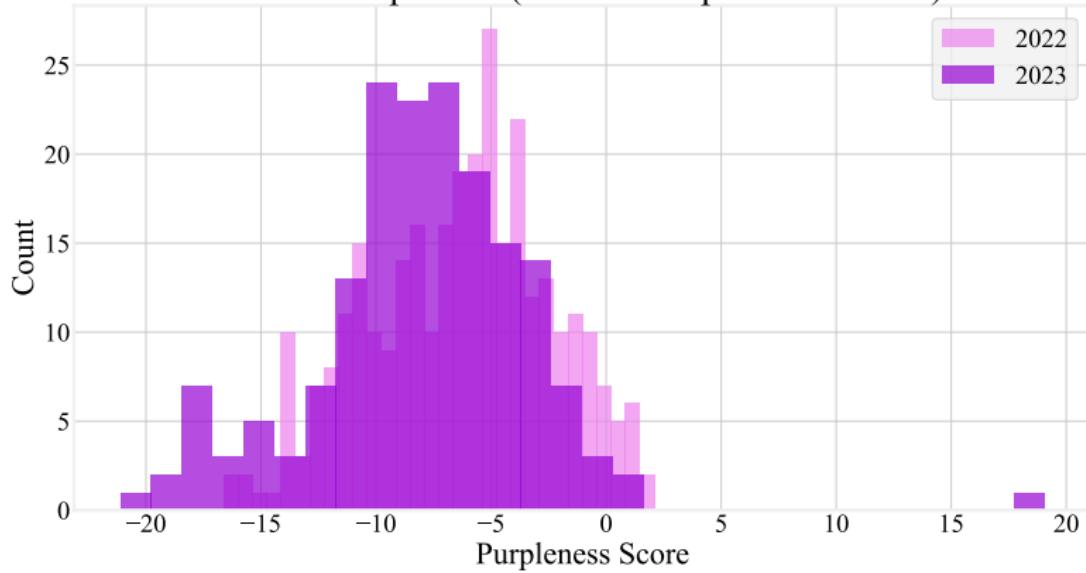


2023 Most Unique Cannabinoid Profile



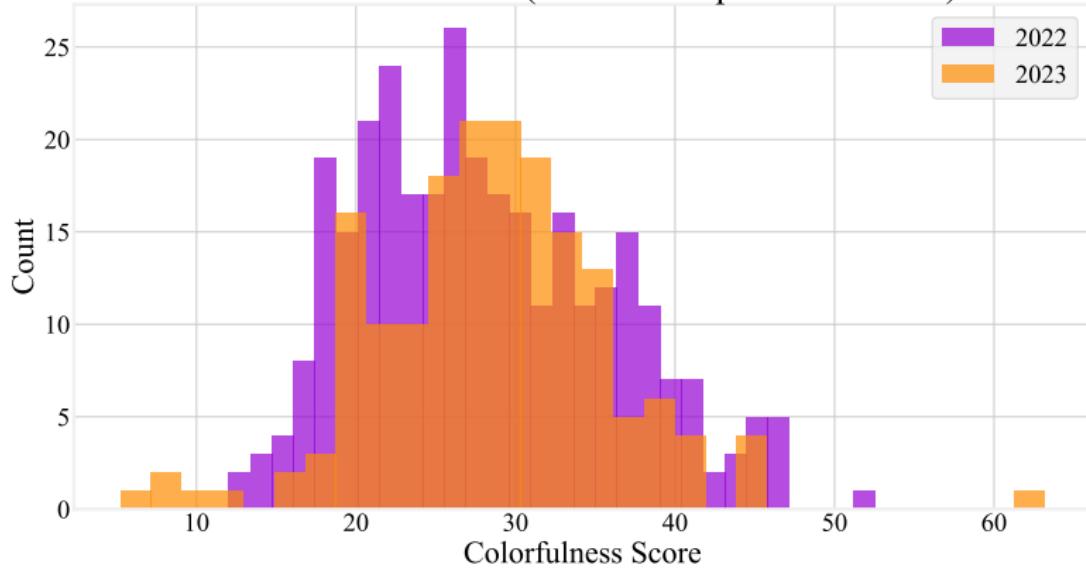
Purpleness

Flower Purpleness (Emerald Cup 2022 vs 2023)



Colorfulness Scores

Flower Colorfulness (Emerald Cup 2022 vs 2023)



The Cannlytics Purple Flower Award

2022 Most Purple Flower

P Silver Squatch - Paula Jobe



2023 Most Purple Flower

Flow Gardens - Blue Meringue Hemp



The Cannlytics Colorful Flower Award

2022 Most Colorful Flower

K Rainbow Beltz - Royal Bloodline



2023 Most Colorful Flower

Burr's Place - Orange Creampop 38





Thank you for coming.

Lessons of the Day

- Sometimes, playing the **waiting game** works so well others don't realize how far ahead you are!