**Scoring Fit of Results**

Salmon-River-Og - Relaxed,Happy,Uplifted,Aroused,Sleepy

Turbo-Mind-Warp - Happy,Hungry,Uplifted,Euphoric,Focused

(1/0.16883 + 1/0.13555)/

[0.5(1/0.15602 + 1/0.16883 + 1/0.13555 + 1/0.01780 + 1/0.06621) +

(1/0.16883 + 1/0.04214 + 1/0.13555 + 1/0.14698 + 1/0.05339)]

= (5.92312 + 7.37735)/[0.5(6.40943 + 5.92312 + 7.37735 + 56.17978 + 15.10346) + (5.92312 + 23.73042 + 7.37735 + 6.80365 + 18.73010)]

= 13.30855/[0.5\*153.55778] = 13.30855/76.77889 = 0.17334

Purple-Monkey-Balls - Happy,Relaxed,Euphoric,Sleepy,Giggly

Grape-Kush - Relaxed,Happy,Giggly,Sleepy,Euphoric

This will amount to (5/5) = 1.00000

C4 - Relaxed,Happy,Euphoric,Creative,Uplifted

Cali-Jack - Creative,Happy,Talkative,Uplifted,Euphoric

(1/0.16883 + 1/0.14698 + 1/0.06667 + 1/0.13555)/

[0.5(1/0.15602 + 1/0.16883 + 1/0.14698 + 1/0.06667 + 1/0.13555) +

(1/0.06667 + 1/0.16883 + 1/0.03209 + 1/0.13555 + 1/0.14698)]

= (5.92312 + 6.80365 + 14.99925 + 7.37735)/

[0.5(6.40943 + 5.92312 + 6.80365 + 14.99925 + 7.37735) +

(14.99925 + 5.92312 + 31.13236 + 7.37735 + 6.80365)]

= 35.10337/[0.5\*107.74853] = 35.10337/53.87427 = 0.65158

Sour-Poison - Uplifted,Happy,Talkative,Giggly,Relaxed

Allen-Wrench - Happy,Uplifted,Focused,Energetic,Hungry

(2/5)

(1/0.13555 + 1/0.16883)/

[0.5(1/0.13555 + 1/0.16883 + 1/0.03209 + 1/0.02637 + 1/0.15602) +

(1/0.16883 + 1/0.13555 + 1/0.05339 + 1/0.05726 + 1/0.04214)]

= (7.37735 + 5.92312)/

[0.5(7.37735 + 5.92312 + 31.16236 + 37.92188 + 6.40943 +

(5.92312 + 7.37735 + 18.73010 + 17.46420 + 23.73042)]

= 13.30047/[0.5\*162.019] = 13.30047/81.0097 = 0.16418

The above four results are averaged to give an overall score of 0.497275

The actual calculation should involve all Actual versus Predicted pairs.

Also, note that the above takes into account the relative frequency of Effect Terms, as shown below:

|  |  |  |
| --- | --- | --- |
| **Strain** | **Counts** | **Frequency** |
| Happy | 1831 | 0.16883 |
| Relaxed | 1692 | 0.15602 |
| Euphoric | 1594 | 0.14698 |
| Uplifted | 1470 | 0.13555 |
| Creative | 723 | 0.06667 |
| Sleepy | 718 | 0.06621 |
| Energetic | 621 | 0.05726 |
| Focused | 579 | 0.05339 |
| Hungry | 457 | 0.04214 |
| Talkative | 348 | 0.03209 |
| Tingly | 331 | 0.03052 |
| Giggly | 286 | 0.02637 |
| Aroused | 193 | 0.01780 |
| Mouth | 1 | 0.00009 |
| Dry | 1 | 0.00009 |
| TOTAL | 10845 |  |