**Gangstas Report 2010**

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# Introduction:

Bad guys are bad, but just how bad are bad guys? The CS1371 TAs have bargained hard with The National Gangsta Database and Spreadsheet Co. Ltd. to obtain the classified data about the baddest of the bad. In return for the sensitive data, we must determine who of the villains is the most diabolical. Will it be Jim Greenlee, the crazed former Georgia Tech college of computing professor who attempted to give students negative grades, or Bill Clinton, who had his way with white house interns. The Task is yours, can you handle it?

# Data Analysis:

There are many facets to villainy, as the data categories indicate. Cruelty, mercilessness, penitence, sadism, incorrigibility, and mad genius all appear in varying levels among the gangstas we consider, and each factor except penitence have strong positive correlations with mean-badness. In the following analysis we consider superlatives in some of the gangsta qualities and also note the overall baddest of the bunch.

According to the mean-badness calculation, Emperor Palpatine is the baddest baddy/baddies of the bunch.

According to the cruelty calculation, Emperor Palpatine is the cruelest of them all.

According to the penitence calculation, Emperor Palpatine and Scarface are the most penitent baddy.

Here is the plot of Normalized Exploit Index for each villain.

Figure 1[[1]](#footnote-1)

Figure Gangstas' Exploit Index

Here is the plot of Mean-Badness for each villain.

Figure 2[[2]](#footnote-2)

Figure Plot of Villain's Mean Badness in Ascending Order

# Conclusion:

Our extensive analysis has shown that villainy is not easy to measure. We’ve taken into account various factors such as penitence, intelligence, and cruelty into consideration. In the end, Emperor Palpatine is the gangsta we would most like to avoid.

# Appendix

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Darth Vader | 15 | 10.5 | 66.00 | 3.0 |  | 0 | Being turned by Luke | 0.198 | 22.875 |
| Mr. Pink | 9 | 6.3 | 22.00 | 5.0 | 0.011764706 | 85 | Being Steve Buschemi | 0.11 | 30.575 |
| Bill Clinton | 75 | 52.5 | 0.00 | 0.0 |  | 0 | Interns | 0 | 31.875 |
| Q | 32 | 22.4 | 85.00 | 85.0 |  | 0 | Inconveniencing Jean Luc | 7.225 | 34.85 |
| Marcellus Wallace | 2 | 1.4 | 89.00 | 20.0 | 0.014925373 | 67 | Failing to fix fights | 1.78 | 39.85 |
| Bill Gates | 81 | 56.7 | 12.00 | 10.0 | 0.045454545 | 22 | Marketing | 0.12 | 42.925 |
| Bruno | 87 | 60.9 | 3.00 | 2.0 | 0.035714286 | 28 | Harassing the "Sailing Man" | 0.006 | 44.725 |
| Jim Greenlee | 57 | 39.9 | 42.00 | 42.0 | 0.023809524 | 42 | NewsGroup Shenanigans | 1.764 | 45.225 |
| Unicron | 14 | 9.8 | 92.00 | 62.0 | 0.010638298 | 94 | Planet Munching | 5.704 | 52.45 |
| Michael Corleone | 26 | 18.2 | 85.00 | 88.0 | 0.01010101 | 99 | Fratricide | 7.48 | 57.05 |
| Scarface | 36 | 25.2 | 69.00 | 12.0 | 0.01 | 100 | Raqueteering | 0.828 | 57.55 |
| Lex Luthor | 45 | 31.5 | 81.00 | 94.0 | 0.012345679 | 81 | Trying to kill Mickey Mouse | 7.614 | 59.625 |
| Al Capone | 63 | 44.1 | 100.00 | 5.0 | 0.018518519 | 54 | Tax Fraud | 0.5 | 65.275 |
| Bugs Bunny | 51 | 35.7 | 90.00 | 90.0 | 0.010204082 | 98 | Tormenting Elmer Fud et al | 8.1 | 68.675 |
| Gargamel | 92 | 64.4 | 68.00 | 45.0 | 0.013513514 | 74 | Smurf Steak | 3.06 | 74.6 |
| Joker | 83 | 58.1 | 88.00 | 88.0 | 0.011904762 | 84 | Artistic Genius | 7.744 | 78.275 |
| Emperor Palpatine | 100 | 70 | 95.00 | 95.0 | 0.01 | 100 | Mastering the Dark Side | 9.025 | 91.25 |

1. The National Gangsta Database and Spreadsheet Co. Ltd. [↑](#footnote-ref-1)
2. The National Gangsta Database and Spreadsheet Co. Ltd. [↑](#footnote-ref-2)