

Paired T-Test Analysis of ROUGE Scores for both STRUCTURED and UNSTRUCTURED

| No. | G.R Title | LSATP FScore | Summit FScore | Difference |
|-----|-------------------------------------|--------------|---------------|------------|
| 1 | G.R. No. 101798 | 0.6333 | 0.0032 | 0.6301 |
| 2 | G.R. No. 190640, January 12, 2011 | 0.7669 | 0.7188 | 0.0481 |
| 3 | G.R. No. 191970, April 24, 2012 | 0.7470 | 0.6986 | 0.0484 |
| 4 | G.R. No. 196117, August 13, 2014 | 0.7056 | 0.6604 | 0.0452 |
| 5 | G.R. No. 196741, July 17, 2013 | 0.6823 | 0.6391 | 0.0432 |
| 6 | G.R. No. 208984, September 16, 2015 | 0.8062 | 0.7082 | 0.0980 |
| 7 | G.R. No. 209180, February 24, 2016 | 0.7887 | 0.6834 | 0.1053 |
| 8 | G.R. No. 211649, August 12, 2015 | 0.7698 | 0.7059 | 0.0639 |
| 9 | G.R. No. 218592, August 02, 2017 | 0.7634 | 0.6661 | 0.0973 |
| 10 | G.R. No. 220889, July 05, 2017 | 0.6569 | 0.6815 | -0.0246 |
| 11 | G.R. No. 226176. August 09, 2023 | 0.6067 | 0.6045 | 0.0022 |
| 12 | G.R. No. 248264, July 27, 2020 | 0.6405 | 0.6937 | -0.0532 |
| 13 | G.R. No. 260650. August 08, 2023 | 0.7495 | 0.7384 | 0.0111 |
| 14 | G.R. No. L-27120 | 0.8412 | 0.0063 | 0.8349 |
| 15 | G.R. No. L-49823 | 0.8074 | 0.0037 | 0.8037 |
| 16 | Average | 0.7310 | 0.5475 | 0.1835 |

Summary Statistics

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|---------------------|--------|
| Mean Difference: | 0.1836 |
| Standard Deviation: | 0.2922 |
| Calculated T-Value: | 2.5127 |
| Skewness: | 1.5358 |
| Kurtosis: | 0.6704 |
| Degree of Freedom: | 15 |
| P-Two Tail Value: | 0.0239 |

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|---------------------------------|------------------------|
| T-Table Value (95% Confidence): | 1.96 |
| Conclusion: | Significant Difference |