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Paper – 3rd

Measurement, Evaluation and Statistics in Education (MED 303)

Topic – Divergence of Normal Probability Curve: Skewness



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Drawing of Normal Probability Curve



*Image Source: https://www.chegg.com/homework-help/definitions/normal-curve-31

of Normal ty Curve Probability

Skewness

Kurtosis

Skewness

 A Distribution is known as 'Skewed' when Mean and Median fall at different points



Positive Skewness



*Source - https://www.fromthegenesis.com/skewness/

Negative Skewness



*Source - https://www.fromthegenesis.com/skewness/

Estimating Skewness

The Formula:

$$S_{k} = \frac{3(Mean - Median)}{\sigma}$$

References

Books:

Gupta, S. P. (2011). Modern Measurement & Evaluation. Prayagraj: Sharda Pustak Bhavan

Best, J. &. (2011). Research in Education. New Delhi: PHI Learning Pvt. Ltd.
Creswell, J.W. (2017). An Introduction to Educational Research, London: Sage
Donald Ary, L. C. (2016). Introduction to Research in Education. U.K.: Wadsworth Cengage Learning
James Arthur, M. W. (2013). Research Methods and Methodologies in Education. London: Sage Publications

Weblinks:_

- <u>https://www.chegg.com/homework-help/definitions/normal-curve-31</u>
- <u>https://www.fromthegenesis.com/skewness/</u>
- <u>https://egyankosh.ac.in/bitstream/123456789/20963/1/Unit-1.pdf</u>