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Paper – 4th

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Topic - Types of Probability Sampling: Simple & Stratified

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Probability Sampling

Stratified Random Sampling

Stratified + Random + Sampling

Stratified — Specific Characteristics — Strata — Gender (- Male, - Female), Area (- Rural, - Urban)

Random — - Equal Chance

Sampling — - Selection of True Representative

Selection of true representative according to the some specific characteristics i.e. gender, area etc. of the population by providing equal chance to all units of the population

Probability Sampling

Stratified Random Sampling

Proportionate

Simple

Complex

Only one Characteristics

One or More Characteristics

Gender
- Male
- Female

Gender

Area
- Male
- Female

Probability Sampling

Stratified Random Sampling

Proportionate

- Example: Population of a University - 10000
- Decided Sample – 10 %

Class	Composition	Proportion of Each Class
B.A.	4000	400
M.A.	3000	300
M.Phil.	2000	200
Ph.D.	1000	100
Total		1000

References

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