



WORD LIST PDF

Academic Research Vocabulary List

Learn essential academic research vocabulary used in research papers, journals, methodology, data analysis, and scholarly communication.

CATEGORY

**Academic and
Personal Development
Vocabulary**

LEVEL

Intermediate

WORDS

109

Academic research vocabulary is essential for students, researchers, and professionals who want to understand and communicate ideas clearly in academic and scholarly contexts. Whether you are writing a thesis, preparing a research paper, analyzing data, or reading journal articles, research-related vocabulary plays a critical role in structuring arguments, explaining methodologies, and interpreting results effectively. This academic research vocabulary list brings together carefully structured terms across the full research lifecycle - including research design, qualitative and quantitative methods, data analysis, statistical concepts, academic writing structure, citation systems, research ethics, and scholarly publishing. From foundational terms like "hypothesis," "sampling," and "variables" to advanced concepts such as "regression analysis," "triangulation," "validity," and "peer-reviewed journals," this page helps learners build deep understanding of how academic research works in real-world settings. Use this page to strengthen your academic reading, writing, and analytical skills while preparing for exams like IELTS, TOEFL, SAT, GRE, and university-level coursework. Each word is designed to be practical, contextual, and easy to apply - helping you gain confidence in research discussions, academic writing, and professional communication.



OVERVIEW

Resource Summary

A quick overview of this LVF resource before you move into the lesson or vocabulary pages.

At a glance

- **Resource Type:** Word List PDF
- **Category:** Academic and Personal Development Vocabulary
- **Level:** Intermediate
- **Total Words:** 109
- **Basic Words:** 25
- **Intermediate Words:** 38
- **Advanced Words:** 46
- **Brand:** LearnVocabularyFree.com

How to use this PDF

1. Read the definitions carefully.
2. Review examples and usage notes.
3. Try the practice section independently.
4. Check the answer key for self-review.

STARTER LIST

Words you will meet in this PDF (but not limited to)

- **Abstract** — A short summary of a research paper's purpose, methods, and findings.
- **Alternative Hypothesis** — A hypothesis that suggests there is a significant effect or relationship between variables.
- **Altmetrics** — Alternative metrics that measure the online attention and impact of research beyond traditional citations.
- **Analysis** — The process of examining data or information in detail to understand it.
- **Annotated Bibliography** — A list of sources with brief descriptions or evaluations of each source.
- **Anonymity** — A condition where participants' identities are completely unknown.
- **APA Citation** — A citation style developed by the American Psychological Association.
- **Appendices** — Supplementary materials added at the end of a research paper.

Academic Research Vocabulary List

Definitions, examples, and related vocabulary prepared in a structured LVF format.

Abstract

NOUN

BASIC

MEANING

A short summary of a research paper's purpose, methods, and findings.

EXAMPLE

The abstract provides a quick overview of the study.

SYNONYMS

summary

Alternative Hypothesis

NOUN

ADVANCED

MEANING

A hypothesis that suggests there is a significant effect or relationship between variables.

EXAMPLE

The alternative hypothesis was supported by the data.

SYNONYMS

research hypothesis

ANTONYMS

null hypothesis

Altmetrics

NOUN

ADVANCED

MEANING

Alternative metrics that measure the online attention and impact of research beyond traditional citations.

EXAMPLE

Altmetrics track mentions on social media and news platforms.

SYNONYMS

alternative metrics

Analysis

NOUN

BASIC

MEANING

The process of examining data or information in detail to understand it.

EXAMPLE

The analysis revealed important patterns in the data.

SYNONYMS

examination

evaluation

ANTONYMS

overview

Academic Research Vocabulary List

Definitions, examples, and related vocabulary prepared in a structured LVF format.

Annotated Bibliography

NOUN

ADVANCED

MEANING

A list of sources with brief descriptions or evaluations of each source.

EXAMPLE

The annotated bibliography explained each source's relevance.

SYNONYMS

source summary

Anonymity

NOUN

INTERMEDIATE

MEANING

A condition where participants' identities are completely unknown.

EXAMPLE

The survey guaranteed anonymity to all respondents.

SYNONYMS

identity protection

APA Citation

NOUN

INTERMEDIATE

MEANING

A citation style developed by the American Psychological Association.

EXAMPLE

The paper followed APA citation guidelines.

SYNONYMS

APA style

Appendices

NOUN

INTERMEDIATE

MEANING

Supplementary materials added at the end of a research paper.

EXAMPLE

The appendices included detailed data tables.

SYNONYMS

supplements

Academic Research Vocabulary List

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Appendix

NOUN

INTERMEDIATE

MEANING

Additional material placed at the end of a document to support the main text.

EXAMPLE

Detailed tables are included in the appendix.

SYNONYMS

supplement

attachment

Bias

NOUN

ADVANCED

MEANING

A tendency to favor one perspective that may affect research results.

EXAMPLE

The study avoided bias by using random sampling.

SYNONYMS

prejudice

ANTONYMS

objectivity

Bibliography

NOUN

BASIC

MEANING

A list of sources used or referenced in a piece of research.

EXAMPLE

The bibliography included books and journal articles.

SYNONYMS

reference list

Case Study

NOUN

BASIC

MEANING

An in-depth analysis of a specific individual, group, or situation.

EXAMPLE

The research included a case study of a successful startup.

SYNONYMS

detailed study

Academic Research Vocabulary List

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Chicago Citation

NOUN

INTERMEDIATE

MEANING

A citation style used in history and some social sciences.

EXAMPLE

The thesis followed Chicago citation guidelines.

SYNONYMS

Chicago style

Citation

NOUN

BASIC

MEANING

A reference to the source of information used in writing.

EXAMPLE

Every claim must be supported with a proper citation.

SYNONYMS

reference

Citation Count

NOUN

INTERMEDIATE

MEANING

The total number of times a research work has been cited by other studies.

EXAMPLE

The paper has a high citation count in recent years.

SYNONYMS

citation frequency

Colloquium

NOUN

ADVANCED

MEANING

An academic seminar or meeting for discussion and presentation of research.

EXAMPLE

The university hosted a colloquium on modern economics.

SYNONYMS

seminar

Academic Research Vocabulary List

Definitions, examples, and related vocabulary prepared in a structured LVF format.

Conceptual Framework

NOUN

ADVANCED

MEANING

A system of concepts that explains the relationships between variables.

EXAMPLE

The conceptual framework outlined the key variables.

SYNONYMS

concept model

Conclusion

NOUN

BASIC

MEANING

The final judgment or summary based on research results.

EXAMPLE

The conclusion summarized the key insights of the study.

SYNONYMS

summary

inference

Confidentiality

NOUN

INTERMEDIATE

MEANING

The protection of participants' personal information from being disclosed.

EXAMPLE

Researchers ensured confidentiality of all participant data.

SYNONYMS

privacy

ANTONYMS

disclosure

Confounding Variables

NOUN

ADVANCED

MEANING

Variables that may affect the results of a study but are not the main focus.

EXAMPLE

Researchers controlled confounding variables to ensure accuracy.

SYNONYMS

extraneous variables

Academic Research Vocabulary List

Definitions, examples, and related vocabulary prepared in a structured LVF format.

Construct Validity

NOUN

ADVANCED

MEANING

The extent to which a test measures the concept it is intended to measure.

EXAMPLE

Clear definitions improve construct validity.

SYNONYMS

concept accuracy

Control Group

NOUN

INTERMEDIATE

MEANING

The group in an experiment that does not receive the treatment and is used for comparison.

EXAMPLE

The control group did not receive the new treatment.

SYNONYMS

comparison group

Convenience Sampling

NOUN

INTERMEDIATE

MEANING

A sampling method based on selecting participants who are easily available.

EXAMPLE

Convenience sampling is quick but may introduce bias.

SYNONYMS

non-random sampling

ANTONYMS

random sampling

Correlation vs. Causality

PHRASE

ADVANCED

MEANING

The distinction between a relationship between variables (correlation) and a cause-and-effect relationship (causality).

EXAMPLE

Researchers must not confuse correlation with causality.

SYNONYMS

association vs cause

Academic Research Vocabulary List

Definitions, examples, and related vocabulary prepared in a structured LVF format.

Cross-sectional Study

NOUN

ADVANCED

MEANING

A study that analyzes data from a population at a single point in time.

EXAMPLE

The cross-sectional study compared different age groups.

SYNONYMS

snapshot study

ANTONYMS

longitudinal study

Data Analysis

NOUN

INTERMEDIATE

MEANING

The process of examining data to find patterns, trends, or insights.

EXAMPLE

Data analysis revealed significant differences between the groups.

SYNONYMS

data evaluation

Data Mining

NOUN

ADVANCED

MEANING

The process of analyzing large datasets to discover patterns, trends, or useful information.

EXAMPLE

Data mining techniques are used to uncover hidden patterns in big data.

SYNONYMS

data analysis

pattern discovery

Deductive Reasoning

NOUN

INTERMEDIATE

MEANING

A logical process where conclusions are drawn from general principles to specific cases.

EXAMPLE

Deductive reasoning starts with a theory and tests it.

SYNONYMS

top-down reasoning

ANTONYMS

inductive reasoning

Academic Research Vocabulary List

Definitions, examples, and related vocabulary prepared in a structured LVF format.

Dependent Variable

NOUN

INTERMEDIATE

MEANING

The variable that is measured and affected by changes in the independent variable.

EXAMPLE

Test scores were the dependent variable.

SYNONYMS

measured variable

ANTONYMS

independent variable

Design

NOUN

BASIC

MEANING

The overall plan or structure of a research study.

EXAMPLE

The research design focused on qualitative interviews.

SYNONYMS

plan

framework

Digital Object Identifier (DOI)

NOUN

ADVANCED

MEANING

A unique alphanumeric code assigned to a digital document for permanent identification.

EXAMPLE

The article can be accessed using its DOI link.

SYNONYMS

document identifier

Discourse Analysis

NOUN

ADVANCED

MEANING

A method of studying written or spoken language in its social context.

EXAMPLE

Discourse analysis examines how language shapes meaning.

SYNONYMS

language analysis

Academic Research Vocabulary List

Definitions, examples, and related vocabulary prepared in a structured LVF format.

Discussion

NOUN

BASIC

MEANING

The section where results are interpreted and explained.

EXAMPLE

The discussion explains the meaning of the results.

SYNONYMS

analysis

Dissertation

NOUN

ADVANCED

MEANING

An extensive research project submitted as part of a doctoral degree.

EXAMPLE

His dissertation focused on artificial intelligence ethics.

SYNONYMS

doctoral research

Documentation

NOUN

INTERMEDIATE

MEANING

The collection and organization of records or evidence used in research.

EXAMPLE

Proper documentation is essential for academic credibility.

SYNONYMS

records

evidence

Empirical Study

NOUN

ADVANCED

MEANING

Research based on observed and measured evidence rather than theory alone.

EXAMPLE

The empirical study collected data through experiments and surveys.

SYNONYMS

evidence-based study

ANTONYMS

theoretical study

Academic Research Vocabulary List

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Ethics

NOUN

INTERMEDIATE

MEANING

Moral principles that guide behavior and decision-making in research.

EXAMPLE

Researchers must follow strict ethics when working with human participants.

SYNONYMS

morality

principles

ANTONYMS

misconduct

Ethics Approval

NOUN

ADVANCED

MEANING

Official permission granted by an ethics committee to conduct research.

EXAMPLE

Ethics approval was required before data collection began.

SYNONYMS

ethical clearance

Ethnography

NOUN

ADVANCED

MEANING

A qualitative research method focused on studying cultures and communities through observation.

EXAMPLE

Ethnography requires researchers to immerse themselves in the community.

SYNONYMS

cultural study

Experimental Design

NOUN

INTERMEDIATE

MEANING

The structured plan used to conduct an experiment and test a hypothesis.

EXAMPLE

A strong experimental design ensures reliable results.

SYNONYMS

research design

Academic Research Vocabulary List

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External Validity

NOUN

ADVANCED

MEANING

The extent to which research findings can be generalized to other settings or populations.

EXAMPLE

A larger sample size improves external validity.

SYNONYMS

generalizability

Findings

NOUN

BASIC

MEANING

The results or conclusions drawn from research.

EXAMPLE

The findings showed a strong correlation between the variables.

SYNONYMS

results

outcomes

Generalizability

NOUN

ADVANCED

MEANING

The ability to apply research findings to a wider population.

EXAMPLE

The study lacked generalizability due to a small sample size.

SYNONYMS

applicability

Grant Proposal

NOUN

ADVANCED

MEANING

A formal request for funding to support a research project.

EXAMPLE

The researcher submitted a grant proposal to secure funding.

SYNONYMS

funding proposal

Academic Research Vocabulary List

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Grounded Theory

NOUN

ADVANCED

MEANING

A research method that develops theory based on data collected from real-world observations.

EXAMPLE

Grounded theory builds concepts directly from the data.

SYNONYMS

data-driven theory

H-index

NOUN

ADVANCED

MEANING

A metric that measures both the productivity and citation impact of a researcher's publications.

EXAMPLE

The professor has an h-index of 25, indicating strong research influence.

SYNONYMS

research impact metric

Harvard Citation

NOUN

INTERMEDIATE

MEANING

An author-date citation style widely used in academic writing.

EXAMPLE

Harvard citation is commonly used in research papers.

SYNONYMS

Harvard style

Hypothesis

NOUN

BASIC

MEANING

A proposed explanation or prediction that can be tested through research.

EXAMPLE

The researcher developed a hypothesis before conducting the experiment.

SYNONYMS

assumption

proposition

ANTONYMS

conclusion

Academic Research Vocabulary List

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Impact

NOUN

BASIC

MEANING

The effect or influence of research findings on a field or society.

EXAMPLE

The research had a significant impact on policy decisions.

SYNONYMS

effect

influence

ANTONYMS

insignificance

Impact Factor

NOUN

ADVANCED

MEANING

A measure reflecting the average number of citations received by articles in a journal.

EXAMPLE

The journal has a high impact factor, indicating strong influence.

SYNONYMS

journal ranking metric

Implications

NOUN

INTERMEDIATE

MEANING

The possible effects or significance of research findings.

EXAMPLE

The study has important implications for policy decisions.

SYNONYMS

impact

significance

Independent Variable

NOUN

INTERMEDIATE

MEANING

The variable that is manipulated or changed in an experiment.

EXAMPLE

The independent variable was the amount of study time.

SYNONYMS

manipulated variable

ANTONYMS

dependent variable

Academic Research Vocabulary List

Definitions, examples, and related vocabulary prepared in a structured LVF format.

Inductive Reasoning

NOUN

INTERMEDIATE

MEANING

A logical process where general conclusions are drawn from specific observations.

EXAMPLE

Inductive reasoning helps form new theories based on data.

SYNONYMS

bottom-up reasoning

ANTONYMS

deductive reasoning

Informed Consent

NOUN

INTERMEDIATE

MEANING

Permission given by participants after being fully informed about a study.

EXAMPLE

Participants signed informed consent forms before joining the study.

SYNONYMS

voluntary agreement

Institutional Review Board (IRB)

NOUN

ADVANCED

MEANING

A committee that reviews research proposals to ensure ethical standards are met.

EXAMPLE

The study received approval from the Institutional Review Board.

SYNONYMS

ethics committee

Internal Validity

NOUN

ADVANCED

MEANING

The extent to which a study correctly establishes a cause-and-effect relationship.

EXAMPLE

Controlled variables help improve internal validity.

SYNONYMS

causal accuracy

Academic Research Vocabulary List

Definitions, examples, and related vocabulary prepared in a structured LVF format.

Interpretation

NOUN

INTERMEDIATE

MEANING

The act of explaining the meaning or significance of data or results.

EXAMPLE

The interpretation of the results supported the hypothesis.

SYNONYMS

explanation

understanding

ANTONYMS

misinterpretation

Introduction

NOUN

BASIC

MEANING

The opening section of a paper that presents the topic and purpose of the study.

EXAMPLE

The introduction outlines the research problem.

SYNONYMS

opening section

Limitations

NOUN

INTERMEDIATE

MEANING

The weaknesses or constraints of a study that may affect the results.

EXAMPLE

The limitations section discussed the small sample size.

SYNONYMS

constraints

Literature Review

NOUN

ADVANCED

MEANING

A section that reviews and analyzes existing research on a topic.

EXAMPLE

The literature review identified gaps in previous studies.

SYNONYMS

research overview

Academic Research Vocabulary List

Definitions, examples, and related vocabulary prepared in a structured LVF format.

Longitudinal Study

NOUN

ADVANCED

MEANING

A study conducted over a long period to observe changes and developments.

EXAMPLE

The longitudinal study tracked students over ten years.

SYNONYMS

long-term study

ANTONYMS

cross-sectional study

Manuscript

NOUN

INTERMEDIATE

MEANING

The original version of a research paper submitted for publication.

EXAMPLE

The author revised the manuscript before submission.

SYNONYMS

draft

document

ANTONYMS

published version

Metadata

NOUN

INTERMEDIATE

MEANING

Information that describes other data, such as author, date, and format.

EXAMPLE

Metadata helps organize and retrieve research documents efficiently.

SYNONYMS

data description

Methodology

NOUN

INTERMEDIATE

MEANING

A system of methods and principles used in a particular study or research.

EXAMPLE

The methodology section explains how the data was collected and analyzed.

SYNONYMS

approach

procedure

Academic Research Vocabulary List

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Methodology Section

NOUN

INTERMEDIATE

MEANING

The part of a research paper that explains how the study was conducted.

EXAMPLE

The methodology section describes data collection methods.

SYNONYMS

methods section

Metrics

NOUN

INTERMEDIATE

MEANING

Standards or measures used to evaluate performance or results.

EXAMPLE

The study used specific metrics to measure success.

SYNONYMS

measures

indicators

Mixed Methods

NOUN

ADVANCED

MEANING

A research approach that combines both qualitative and quantitative methods.

EXAMPLE

The study used mixed methods to provide a comprehensive analysis.

SYNONYMS

hybrid approach

MLA Citation

NOUN

INTERMEDIATE

MEANING

A citation style commonly used in humanities, developed by the Modern Language Association.

EXAMPLE

The essay used MLA citation format.

SYNONYMS

MLA style

Academic Research Vocabulary List

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Null Hypothesis

NOUN

ADVANCED

MEANING

A hypothesis that states there is no effect or no difference between variables.

EXAMPLE

The null hypothesis was rejected based on the results.

SYNONYMS

default hypothesis

ANTONYMS

alternative hypothesis

Open Access

NOUN

INTERMEDIATE

MEANING

Research that is freely available to the public without subscription.

EXAMPLE

The article was published in an open access journal.

SYNONYMS

free access

ANTONYMS

restricted access

Operationalization

NOUN

ADVANCED

MEANING

The process of defining variables in measurable terms for research.

EXAMPLE

Operationalization helps convert abstract concepts into measurable data.

SYNONYMS

measurement definition

P-value

NOUN

ADVANCED

MEANING

A statistical measure used to determine the significance of research results.

EXAMPLE

A p-value below 0.05 indicates statistically significant results.

SYNONYMS

probability value

Academic Research Vocabulary List

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Peer Commentary

NOUN

ADVANCED

MEANING

Feedback or critique provided by other researchers on a study.

EXAMPLE

The article included peer commentary from experts.

SYNONYMS

academic feedback

Peer Review

NOUN

ADVANCED

MEANING

The process of evaluating research by experts in the same field before publication.

EXAMPLE

The article was accepted after a rigorous peer review process.

SYNONYMS

expert evaluation

Peer-reviewed

ADJECTIVE

INTERMEDIATE

MEANING

Evaluated and approved by experts in the same academic field before publication.

EXAMPLE

The study was published in a peer-reviewed journal.

SYNONYMS

expert-reviewed

Peer-reviewed Journal

NOUN

ADVANCED

MEANING

A journal where articles are reviewed by experts before publication.

EXAMPLE

The study was published in a peer-reviewed journal.

SYNONYMS

scholarly journal

Academic Research Vocabulary List

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Phenomenology

NOUN

ADVANCED

MEANING

A research approach that explores individuals' lived experiences and perceptions.

EXAMPLE

Phenomenology examines how people interpret their experiences.

SYNONYMS

experience-based study

Pilot Study

NOUN

INTERMEDIATE

MEANING

A small preliminary study conducted before the main research.

EXAMPLE

The pilot study helped refine the research design.

SYNONYMS

trial study

Plagiarism

NOUN

BASIC

MEANING

Using someone else's work or ideas without proper acknowledgment.

EXAMPLE

Plagiarism can lead to serious academic penalties.

SYNONYMS

copying

intellectual theft

ANTONYMS

original work

Population

NOUN

BASIC

MEANING

The entire group being studied or analyzed.

EXAMPLE

The population includes all university students in the country.

SYNONYMS

target group

ANTONYMS

sample

Academic Research Vocabulary List

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Primary Source

NOUN

BASIC

MEANING

Original data or firsthand evidence used in research.

EXAMPLE

Interviews are considered primary sources.

SYNONYMS

original source

ANTONYMS

secondary source

Qualitative Research

NOUN

INTERMEDIATE

MEANING

Research focused on understanding concepts, experiences, or meanings through non-numerical data.

EXAMPLE

Qualitative research often involves interviews and observations.

SYNONYMS

descriptive research

ANTONYMS

quantitative research

Qualitative Research

NOUN

INTERMEDIATE

MEANING

Research that focuses on understanding ideas, experiences, or meanings using non-numerical data.

EXAMPLE

Qualitative research often involves interviews and observations.

SYNONYMS

descriptive research

ANTONYMS

quantitative research

Quantitative Research

NOUN

INTERMEDIATE

MEANING

Research that involves collecting and analyzing numerical data using statistical methods.

EXAMPLE

Quantitative research relies on measurable data and statistical analysis.

SYNONYMS

statistical research

ANTONYMS

qualitative research

Academic Research Vocabulary List

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Quasi-experiment

NOUN

ADVANCED

MEANING

A study that resembles an experiment but lacks random assignment of participants.

EXAMPLE

The quasi-experiment was conducted in a real-world setting.

SYNONYMS

non-random experiment

ANTONYMS

true experiment

Random Sampling

NOUN

INTERMEDIATE

MEANING

A sampling method where each member of the population has an equal chance of being selected.

EXAMPLE

Random sampling reduces bias in research.

SYNONYMS

probability sampling

ANTONYMS

convenience sampling

Reference List

NOUN

BASIC

MEANING

A detailed list of all sources cited in a research paper.

EXAMPLE

The reference list followed APA format.

SYNONYMS

bibliography

Regression Analysis

NOUN

ADVANCED

MEANING

A statistical method used to examine the relationship between variables.

EXAMPLE

Regression analysis was used to predict sales trends.

SYNONYMS

predictive analysis

Academic Research Vocabulary List

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Reliability

NOUN

INTERMEDIATE

MEANING

The consistency of a measurement or research result over time.

EXAMPLE

The test showed high reliability across multiple trials.

SYNONYMS

consistency

stability

Repository

NOUN

INTERMEDIATE

MEANING

A digital storage system where research papers and academic materials are archived.

EXAMPLE

The university repository stores all published theses.

SYNONYMS

archive

database

Results

NOUN

BASIC

MEANING

The section of a research paper where findings are presented.

EXAMPLE

The results showed a significant increase in performance.

SYNONYMS

findings

Sample

NOUN

BASIC

MEANING

A subset of a population selected for analysis.

EXAMPLE

The study used a sample of 200 participants.

SYNONYMS

subset

ANTONYMS

population

Academic Research Vocabulary List

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Sampling

NOUN

BASIC

MEANING

The process of selecting a subset of individuals from a population for study.

EXAMPLE

Sampling ensures the study represents the population.

SYNONYMS

selection

Scholarly Communication

NOUN

ADVANCED

MEANING

The process of creating, sharing, and publishing academic research.

EXAMPLE

Scholarly communication includes journals, conferences, and digital platforms.

SYNONYMS

academic publishing

Scopus / Web of Science

NOUN

ADVANCED

MEANING

Major academic databases that index high-quality research publications and journals.

EXAMPLE

The journal is indexed in Scopus and Web of Science.

SYNONYMS

research database

Secondary Source

NOUN

BASIC

MEANING

A source that interprets or analyzes primary data.

EXAMPLE

Textbooks are examples of secondary sources.

SYNONYMS

interpretive source

ANTONYMS

primary source

Academic Research Vocabulary List

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Standard Deviation

NOUN

ADVANCED

MEANING

A statistical measure that shows how much data values differ from the average.

EXAMPLE

A low standard deviation indicates that the data points are close to the mean.

SYNONYMS

dispersion measure

Statistical Significance

NOUN

ADVANCED

MEANING

A measure indicating that the results of a study are unlikely to have occurred by chance.

EXAMPLE

The results showed statistical significance at the 0.05 level.

SYNONYMS

significant result

Stratified Sampling

NOUN

ADVANCED

MEANING

A sampling method that divides the population into subgroups and samples each group.

EXAMPLE

Stratified sampling ensured representation from all age groups.

SYNONYMS

layered sampling

Structure

NOUN

BASIC

MEANING

The organized arrangement of parts within a piece of writing or research.

EXAMPLE

A clear structure improves the readability of the paper.

SYNONYMS

organization

framework

ANTONYMS

disorganization

Academic Research Vocabulary List

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Symposium

NOUN

ADVANCED

MEANING

A formal meeting where experts present and discuss research topics.

EXAMPLE

The symposium featured leading researchers in the field.

SYNONYMS

conference session

Thematic Analysis

NOUN

ADVANCED

MEANING

A method of analyzing qualitative data by identifying patterns or themes.

EXAMPLE

Thematic analysis revealed common experiences among participants.

SYNONYMS

pattern analysis

Theoretical Framework

NOUN

ADVANCED

MEANING

A structure of theories that supports a research study.

EXAMPLE

The theoretical framework guided the research design.

SYNONYMS

theoretical base

Thesis

NOUN

BASIC

MEANING

A long academic paper presenting original research, usually required for a degree.

EXAMPLE

She submitted her thesis on climate change policies.

SYNONYMS

research paper

Academic Research Vocabulary List

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Triangulation

NOUN

ADVANCED

MEANING

The use of multiple methods or data sources to improve the accuracy of research findings.

EXAMPLE

Triangulation strengthens the credibility of research.

SYNONYMS

multi-method approach

Validity

NOUN

INTERMEDIATE

MEANING

The extent to which a study accurately measures what it intends to measure.

EXAMPLE

The research design ensured strong validity.

SYNONYMS

accuracy

Variable

NOUN

BASIC

MEANING

A factor or element that can change or be controlled in an experiment.

EXAMPLE

Temperature was the main variable in the experiment.

SYNONYMS

factor

element

ANTONYMS

constant

Variables

NOUN

BASIC

MEANING

Elements or factors that can change and influence the outcome of a study.

EXAMPLE

Researchers identified key variables affecting the results.

SYNONYMS

factors

ANTONYMS

constants



Academic Research Vocabulary List

Definitions, examples, and related vocabulary prepared in a structured LVF format.

Writing

NOUN

BASIC

MEANING

The process of expressing ideas clearly and effectively in written form.

EXAMPLE

Academic writing requires clarity and precision.

SYNONYMS

composition

expression

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PRACTICE

Mini Worksheet

Use the meanings and context from this PDF to answer the following practice questions.

1. Write the meaning of *Abstract* and use it in one sentence.

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.....

2. Write the meaning of *Alternative Hypothesis* and use it in one sentence.

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.....

3. Write the meaning of *Altmetrics* and use it in one sentence.

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.....

4. Write the meaning of *Analysis* and use it in one sentence.

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.....

5. Write the meaning of *Annotated Bibliography* and use it in one sentence.

.....
.....

6. Write the meaning of *Anonymity* and use it in one sentence.

.....
.....

ANSWER KEY

Suggested Answers

These answer points are designed to support self-review and classroom guidance.

1. Abstract

Meaning:

A short summary of a research paper's purpose, methods, and findings.

Example:

The abstract provides a quick overview of the study.

2. Alternative Hypothesis

Meaning:

A hypothesis that suggests there is a significant effect or relationship between variables.

Example:

The alternative hypothesis was supported by the data.

3. Altmetrics

Meaning:

Alternative metrics that measure the online attention and impact of research beyond traditional citations.

Example:

Altmetrics track mentions on social media and news platforms.

4. Analysis

Meaning:

The process of examining data or information in detail to understand it.

Example:

The analysis revealed important patterns in the data.

5. Annotated Bibliography

Meaning:

A list of sources with brief descriptions or evaluations of each source.

Example:

The annotated bibliography explained each source's relevance.

6. Anonymity

Meaning:

A condition where participants' identities are completely unknown.

Example:

The survey guaranteed anonymity to all respondents.