Adrian Wallwork

English for Academic Research Grammar, Usage and Style

Second Edition



English for Academic Research

Series Editor

Adrian Wallwork, English for Academics SAS Pisa, Italy

This series aims to help non-native, English-speaking researchers communicate in English. The books in this series are designed like manuals or user guides to help readers find relevant information quickly, and assimilate it rapidly and effectively. The author has divided each book into short subsections of short paragraphs with many bullet points.

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Introduction

WHO IS THIS BOOK FOR?

All those in academia (students, researchers, professors) who use English to write research papers, proposals, letters, CVs etc.

EAP teachers, scientific editors who revise papers written by non-native researchers.

ENGLISH LEVEL REQUIRED

Upper Intermediate to Advanced.

WHAT IS NEW WITH RESPECT TO THE FIRST EDITION?

Four new chapters: ChatGPT (Chapter 18), machine translation (Chapter 16), online applications (Grammarly, Reverso, QuillBot, Ludwig) for checking your English (Chapter 11), usage of personal pronouns: *he, she, they* (Chapter 10). For the sake of brevity, I have sometimes used the term 'bot' to refer to ChatGPT and similar tools.

Layout: correct and incorrect examples are now in blue and red fonts.

STRUCTURE OF BOOK AND CHAPTERS

This book is divided into 18 chapters each covering a broad area of English usage. You can also search by using the Index at the back of the book.

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1 Abbreviations, acronyms, and punctuation



1.1 Abbreviations

An abbreviation is the short form of word (example: etc. for etcetera).

Only use abbreviations (or symbols) for words such as *figure, table, appendix,* and *percentage* when such words are associated with a number.

See the figure / Figure / fig. below.

See the Figure / Fig. / fig. 6 below.

This value is always expressed as a **percentage / %**.

The value fell by 10%.

Abbreviations of academic degrees are not required when listing the names of the authors of your manuscript.

Psycholinguistics as a teaching aid J Win, PhD; A Yang, EdD; P Li, MA

Psycholinguistics as a teaching aid J Win, A Yang, P Li

For details on the abbreviations used for academic degrees in the UK and USA see:

http://en.wikipedia.org/wiki/British_degree_abbreviations;

http://en.wikipedia.org/wiki/Academic_degree#Canada_and_United_States.

1.2 Acronyms: main usage

The first time you use an acronym, write the word out in full, followed by the acronym in brackets. The next time it is used within the same section (Introduction, Methods etc.), just use the acronym. But when you start a new section, repeat the full form again before reverting to the acronym. This is because you don't know which section of your paper the reader will read first.

Orders are dealt with on a **first in first out (FIFO)** basis. Blah blah blah. As mentioned earlier, given that we are using a **FIFO** queuing system, we ...

Note that in the above example *first in first out* is recent without initial capitalization. In fact, it is NOT a rule that each word has to begin with a capital letter.

Orders are dealt with on a First In First Out (FIFO) basis.

We used Analysis of Variance (ANOVA) to ...

We used analysis of variance (ANOVA) to ...

Check with Google Scholar (11.5) to see whether initial capital letters are required for your specific case.

On the other hand, each letter of the acronym itself is usually capitalized, except when one of the letters in the acronym is a preposition (typically *of*).

Users require a **p**ersonal **i**dentification **n**umber (PIN) to access any **N**orth Atlantic Treaty **O**rganization (NATO) files.

The quality-of-service (QoS) requirements for ...

The written full form of an acronym may or may not require initial capital letters. There are no rules for this, again check on Google Scholar.

We are part of a NASA / Nasa project.

Acronyms that include a number can be found either in upper or lower case (e.g. B2B or b2b = business to business).

Many **peer2peer** applications have now been blocked.

Many **P2P / p2p** applications have now been blocked.

Do not repeat the final abbreviated word in the text following the abbreviation (in the example below *I* stands for *interface* and *N* for *number*).

The GUI interface is user friendly. It does not require a PIN number.

The GUI is user friendly. It does not require a PIN.

Be careful of using acronyms that exist in your own language but not in English. Put the meaning of the acronym before the acronym itself. If necessary also include the nationality.

This paper describes a CNRS (National Center for Scientific Research) study of ...

This paper describes a study by the French National Center for Scientific Research (CNRS) of \ldots

If the acronym is unlikely to be known to your readers, then provide an explanation of what it stands for. This does not need to be a literal translation. There is little point in putting the form in your own language as readers will not understand its meaning unless they happen to speak your language.

Italian citizens are subject to various taxes, the most important being Irpef.

Italian citizens are subject to various taxes, the most important being IRPEF (**Imposta sul Reddito delle Persone Fisiche – tax on the income of physical persons).**

Italian citizens are subject to various taxes, the most important being IRPEF, which is **a tax on personal income**.

Ensure that you use the English form of an acronym when referring to an international entity, e.g. EU – *European Union*, not UE – *Union européenne*.

This is an **EU / UE** law.

1.3 Acronyms: grammar and punctuation

Acronyms, like all nouns, respect the normal rules of grammar. If an acronym refers to a countable entity it requires an article when used in the singular.

We used a PC.

We used **PC**.

The plural of an acronym is formed by adding an *s*. Do not put an apostrophe before the plural form.

Four **PCs / PC** in series were needed in order to make the calculation.

This book is intended for non-native English teachers (hereafter NNETs / NNET).

In the 2020s, vinyl and cassette tapes made a comeback, but not CDs / CD's.

The letters of an acronym are not separated by periods (.). However, some authors write U.K. and U.S.A. rather than UK and USA.

The USA and the UK are allies.

The U.S.A. and the U.K. are allies.

1.4 Apostrophes (')

The main use of the apostrophe is to form the genitive (Chapter 4).

Smith's paper on the immorality of right-wing voters (Smith, 2024).

Do not use an apostrophe to make acronyms and dates plural.

All my student have PhDs / PhD's.

Our institute was founded in the 1980 / 1980's.

Contracted forms are not generally used in research manuscripts.

Let us / Let's now turn to Theorem 1 where we will / we'll learn that it is/ it's essential to ...

The experiment **cannot / could not** be repeated.

The experiment **can't / couldn't** be repeated.

1.5 Capitalization: days, months, countries, nationalities, natural languages

Days, months, countries, nationalities and languages all have an initial capital letter.

The new versions in **english** and **arabic** will be released on **monday**, 10 **march** throughout **egypt** and **saudi arabia**.

The new versions in **English** and **Arabic** will be released on **Monday**, 10 **March** throughout **Egypt** and **Saudi Arabia**.

Be careful with the use of *north(ern)*, *south(ern)*, *east(ern)* and *west(ern)*. These only require initial capitalization when these are official regions shown on a map or atlas. For example, *North Korea* and *South Korea* are two separate nations, whereas *northern England* and *southern England* are indistinct geographical areas rather than separate countries

This species tends to be found in the north / North and west / West of the island.

The languages spoken in **northern / Northern Turkey** are quite disparate.

This species is found in South Japan, East India and some parts of south America.

This species is found in North Korea, East Timor, and some parts of South America.

When you want to refer to a geographical area of a country, then you can use two forms, e.g. *southern France, the south of France*. Note that in both cases there is no initial capitalization.

I love it when conferences are located in the **south / South** of France.

The following generally have initial capitalization: *the West, the Middle East, the Far East.* You can write either *the northern hemisphere* or *the Northern Hemisphere* (likewise with *southern*).

Uugter [67] reveals the total lack of morality in the **West / west** and compares it to the **Far East / far east** where ...

1.6 Capitalization: sections and headings

Use upper case letters for the first letter of all words in the main title of a document except for *a* and *the; it, and;* and all prepositions (*by, from, of* etc.), unless they are the first word:

A Guide To The Use Of English In Scientific Documents

A Guide to the Use of English in Scientific Documents

Alternatively, just use the upper case for the first letter of the first word, and the rest in lower case. Section headings tend to follow this format.

A guide to the use of English in scientific documents

Both for titles and section headings, your choice of which words to initialize with a capital will depend on your journal's style. Look at the 'Instructions for Authors' on the journal's website.

1.7 Capitalization: academic titles, degrees, subjects (of study), departments, institutes, faculties, universities

Titles of job positions generally have an initial capital letter, particularly in formal documents (e.g. CVs, biographies for conferences) and when the position is held only by one person (in such cases a / an is not required). If the position is held by more than one person (a / an required), then initial capitals are not necessary though they may still be found.

She is now Associate Professor at Nanjing University of Traditional Chinese Medicine.

He is an **a**ssociate **p**rofessor at Nanjing University of Traditional Chinese Medicine.

Titles of degrees that are followed by the subject of study have an initial capital letter.

Short resume: Professor Wang has a **B**achelor of **A**rts in medicine, and a **M**aster's in alternative medicine.

From 1891 to 1931 he was Professor of Mathematics and Descriptive Geometry at the Technical University of Munich.

Subjects (mathematics, anthropology, history) have no initial capitalization when they are being talked about as subjects of study. However, when they are part of the name of a department, institute or faculty, they require initial capitalization.

The terms *department, institute, faculty* and *university* (and similar words) only require capitalization when referring to a specific department, university etc.

He studied mathematics and information engineering before doing his Ph.D.

The Department of Sociology offers the following courses: ...

Our department offers the following courses: ...

The Faculty of Economics at the University of Bangkok has a long history of ...

Courses typically offered by economics faculties and engineering faculties include:

1.8 Capitalization: *figure, table, section* etc.; *step, phase, stage* etc.

Capitalize the first letter when you refer to numbered sections, figures, tables, appendices, schedules, clauses, steps, phases, stages etc.

See Section 2 / section 2 for further details.

See Step 1 above.

Do not capitalize the first letter of *section, figure, table, appendix, schedule, clause, stage* etc. when there is no number associated.

See the Appendix for further details.

See the **appendix** for further details.

See Appendix 2 for further details

1.9 Capitalization: keywords

In some documents, such as specifications and contracts, you may need to distinguish between different research units, users, projects, products etc. In such cases, initial capitalization is useful to make these keywords stand out for the reader.

There are two types of user. Hereafter they will be referred to as User A and User B.

This will be the task of **Research Unit** 1.

The two parties shall be referred to as the Vendor and the Supplier.

1.10 Colons (:)

The most common use of a colon in a research paper is to introduce a list.

The following countries were involved in the treaty: Turkey, Armenia ...

Use a colon to divide up a two-part title of a paper or presentation. The word following the colon can either be capitalized or not. In such cases, a dash (1.13) could be used instead of a colon.

Communicative language teaching: The state of the art

Space debris: the need for new regulations

Ethical management in **banking - does** the presence of females make the difference?

A colon may be useful to highlight a contrast.

X can be used as an **identifier: Y** cannot.

1.11 Commas (,): usage

Use a comma:

To separate two dependent clauses. This is often the case with clauses introduced by *if, when, as soon as, after* etc.

When the specimen is dry, remove it from the recipient.

To avoid initial confusion on the part of the reader. For example, in the sentence below it initially seems that the water boils the specimen.

If the water **boils the** specimen will be ruined.

If the water **boils**, the specimen will be ruined.

If you have a list more than two items use a comma before *and*. The comma highlights that the penultimate and last element are separate items.

There are three advantages of this: costs are lower, deadlines **and** other constraints are more easily met **and** customers are generally happier.

There are three advantages of this: costs are lower, deadlines **and** other constraints are more easily **met**, **and** customers are generally happier.

After sentences that begin with an adverb that is designed to attract the reader's attention (e.g. *clearly, interestingly*) or a link word that indicates you are adding further information or talking about a consequence (e.g. *consequently, in addition*).

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Surprisingly, the results were not in agreement with any of the hypotheses. **Moreover**, in many cases they were the exact opposite of what had been expected.

In non-defining relative clauses (6.17, 6.18).

The Thames, which runs through London, is England's longest river.

The Thames which runs through London is England's longest river.

1.12 Commas (,): non usage

Commas should be avoided or limited if the sentence contains:

Twenty words or more. Consider rearranging the sentence or writing two separate sentences.

If, **when** the iodine solution is added to **food**, **it** does not turn this **color**, **this** indicates that starch is not present in the food.

If the iodine solution does not turn to this color when added to a **food, this** indicates that starch is not present in the food.

A series of very short phrases all separated by commas. Consider rearranging the sentence into longer phrases with fewer commas.

This application, **which** was developed specifically for this purpose, **can** be used on most platforms for example XTC and B4ME, **it** can also be used with ...

This application was developed specifically for this purpose. It can be used on most platforms, for example XTC and B4ME. It can also be used with ...

A long a list of items, which itself contains subgroups. It is better to use semicolons to separate the various subgroups.

We used various sets of characters: A, B and C, D, E and F and X, Y and Z.

We used various sets of characters: A, B and C; D, E and F; and X, Y and Z.

A series of nouns where the first and second noun are not related. Instead, begin a new sentence after the first noun, otherwise the reader will think that the nouns are all part of the same series.

Each row in the page represents an individual **record**, **the** information and the features provided enable the user to control, monitor and edit the records created.

Each row in the page represents an individual **record. The** information and the features provided enable the user to control, monitor and edit the records created.

In a defining relative clause (6.17, 6.18).

The student, that gets the top marks is awarded the prize.

The **student that** gets the top marks is awarded the prize.