



Using conjunctive adverbs for academic writing for publication



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Definition and merits of conjunctive adverbs

Conjunctive adverbs are words or phrases that connect clauses within a sentence. They indicate a relationship of time, contrast, concession, or cause-and-effect between the clauses. Examples of conjunctive adverbs include "however," "therefore," "furthermore," "meanwhile," "nevertheless," etc. They are often used to indicate a change in thought or direction in a sentence or paragraph.

Conjunctive adverbs play a pivotal role in research articles across a plethora of disciplines, including scientific writing, TESOL, history, and politics. They serve to connect multiple thoughts or ideas in a cohesive manner, while also indicating relationships between different pieces of evidence or the progression of an argument.

It is imperative to use conjunctive adverbs in a precise and consistent manner, ensuring that they are employed to indicate the intended meaning and relationship between ideas rather than as mere filler words. This will aid in enhancing the clarity and coherence of the text, making it easier for readers to comprehend the author's argument.

In scientific writing, conjunctive adverbs such as "however" and "therefore" are frequently employed to signify contrast and conclusion, respectively. Utilizing adverbs like "nonetheless" or "nevertheless" can also serve to assert the validity of research or studies despite any challenges or limitations.

In conclusion, conjunctive adverbs are a valuable tool in research articles across various fields, providing a means of connecting ideas and arguments in a clear and logical manner, while also enhancing the readability and flow of the text.

Meaning of Conjunctive adverbs

Conjunctive Adverbs	Meaning	Example
Furthermore	in addition to what has already been stated	The study found that the treatment improved patients' overall quality of life; furthermore, it was found to be highly effective in reducing symptoms of the disease.
Moreover	in addition; besides	The treatment was found to be highly effective in reducing symptoms of the disease; moreover, it had minimal side effects.
Additionally	in addition	The study found that the treatment had minimal side effects; additionally, it was found to be cost-effective.
In addition	in addition to what has already been stated	The treatment was found to be cost-effective; in addition, the study found that it had minimal side effects.
Therefore	as a result; hence	The treatment is highly effective and has minimal side effects; therefore, it is recommended as a first-line therapy for patients with the disease.
As a result	because of this	The disease's mortality rate significantly decreased; as a result, the treatment is considered a breakthrough in the field.
Accordingly	in view of this; hence	Further research is needed to determine the long-term effects of the treatment; accordingly, it is important to invest more resources in the research and development of the treatment.
Thus	therefore; as a result	The current study provides strong evidence for the effectiveness of the treatment; thus, it is important to consider this treatment as an option for patients with the disease.

Conjunctive Adverbs	Meaning	Example
Hence	as a result; therefore	The treatment has the potential to greatly improve the lives of patients with the disease; hence, it is important to spread the knowledge about this treatment.
Consequently	as a result	The treatment is highly effective and has minimal side effects; consequently, it should be made widely available to patients.
Nonetheless	in spite of that; nevertheless	More research is needed to confirm the findings; nonetheless, the results of this study are promising.
Nevertheless	in spite of that; nonetheless	The study has some limitations; nevertheless, the findings support the effectiveness of the treatment.
Despite	in spite of	Despite initial skepticism, the treatment was found to be highly effective.

Note: _____

Positions of conjunctive adverbs

Conjunctive Adverbs	Meaning	Example	Punctuation
Furthermore	in addition to what has already been stated	The study found that the treatment improved patients' overall quality of life; furthermore, it was found to be highly effective in reducing symptoms of the disease.	; furthermore,
Moreover	in addition; besides	The treatment was found to be highly effective in reducing symptoms of the disease; moreover, it had minimal side effects.	; moreover,
Additionally	in addition	The study found that the treatment had minimal side effects; additionally, it was found to be cost-effective.	; additionally,
In addition	in addition to what has already been stated	The treatment was found to be cost-effective; in addition, the study found that it had minimal side effects.	; in addition,
Therefore	as a result; hence	The treatment is highly effective and has minimal side effects; therefore, it is recommended as	; therefore,

Activity: Please find the conjunctive adverbs in this abstract and find their punctuation marks.

Abstract 1

This study aimed to evaluate the effectiveness and safety of a new treatment for a specific disease. A total of 100 patients were enrolled in the study and received the treatment for 12 weeks. The results showed that the treatment was highly effective in reducing symptoms of the disease, with an overall improvement of 85% in the patients' symptoms. Furthermore, the treatment had minimal side effects, with only 2% of patients reporting mild adverse events. As a result, the treatment is considered a breakthrough in the field and should be considered as a first-line therapy for patients with the disease. Furthermore, the study also found that the treatment is cost-effective, making it a valuable option for healthcare systems. In conclusion, this study provides strong evidence for the effectiveness and safety of the treatment and supports its use as a first-line therapy for patients with the disease.

Abstract 2

The use of conjunctive adverbs in social science research is a common way to connect multiple thoughts or ideas in a cohesive manner. In this study, we analyzed the frequency and purpose of conjunctive adverbs in academic articles across various social science disciplines. Furthermore, we examined the impact of using conjunctive adverbs on the readability and flow of the text. Results indicated that conjunctive adverbs were used frequently in academic writing and that they can enhance the readability and flow of the text when used in moderation. Additionally, we found that the most commonly used conjunctive adverbs were "however" and "therefore" which are used to indicate contrast and conclusion respectively. Our findings provide valuable insight for social science researchers on the effective use of conjunctive adverbs in academic writing.

Abstract 3

The identification and distribution of mucous secreting cells in the Schaap's dragonet, *Callionymus schaapii*, were demonstrated by histochemical techniques. The integument system of this fish consisted of two layers: an outer epidermis and an underlying dermis. In particular, mucous secreting cells can be classified because they were positively stained with periodic acid-schiff and alcian blue methods. As a result, the distribution of mucous secreting cells could be largely observed in all areas along the integument system, accordingly. The highest number of mucus secreting cells was found in the pectoral-pelvic area. Instead of the caudal area, which it had the lowest density of this cell. The results of this study pointed out that the pectoral-pelvic areas were the primary sites for the mucous production and of the importance to support the survival behavior, and enhance the swimming to the favorable area under the estuarine conditions.

Source: <https://he02.tci-thaijo.org/index.php/vis/article/view/230045>

Abstract 4

Effective written communication is not only a crucial skill for academic achievement but also for business context as it could lead to individual professional career success and profitable accomplishment. Achieving these goals requires concise and correct communication. This study, therefore, aims to explore the most frequently-made errors by 30 Business English major students. From the total number of 14,118 words, the study found that the students most frequently made three types of errors: morphological (17.91%), syntactical (45.37%), and mechanical (36.72%) levels. Of all the errors that occurred, article errors appeared to be the most problematic use (17.31%), followed by punctuation (13.34%), plurality (13.43%), capitalization (9.55%), and preposition (8.96%) errors. The findings suggested that mostly-made errors by Business English major students were influenced by the interference of their first language. Additionally, apart from explicit grammar teaching, greater exposure to the target language is also required in the classroom.

Source: <https://eric.ed.gov/?id=EJ1352584>

Conjunctive adverbs in the elements of a research article in disciplines

Introduction (History)

Addressing members of the Asiatic Society of Bengal on 26 February 1901, Lord George Curzon, then viceroy of India, announced the construction of a monumental building in honour of the recently deceased Queen Victoria that would serve as a 'historical museum'. Instead of historical texts, Lord Curzon proposed what he imagined as an innovative type of historical record, a display of objects that was visible to the public rather than kept out of sight in libraries or archives. For Curzon, documenting, preserving, and displaying the history of British India was an important obligation; as he explained: 'I regard as a great Imperial duty, viz.,...to provide for us, that is, a standing record of our wonderful history, a visible monument of Indian glories, and an illustration, more eloquent than any spoken address or printed page, of the lessons of public patriotism and civic duty.'

Explanation

In this paragraph, the word "**Instead**" is used to show that Lord Curzon wanted to use objects on display instead of just written historical records. The word "For" is used to show that Lord Curzon believed it was important to document, preserve, and show the history of British India.

Source:

Ghosh, D. (2023). Stabilizing History through Statues, Monuments, and Memorials in Curzon's India. *The Historical Journal*, 1-22. doi:10.1017/S0018246X22000322

Purpose of the study (Anatomy)

The purpose of an ANC examination is often not achieved in some pregnant women who are less compliant, due to several factors such as age, level of education, employment, parity, knowledge, distance of residence, economy or family income, socio-culture, support of husbands, families and health workers, and inadequate health facilities [1]. Society only focuses on childbirth while the events before delivery do not receive much attention. There is something more important than childbirth as the culmination of a series of human reproductive events, namely the examination of pregnancy (Kasdu, 2009). Knowledge about pregnancy possessed by the husband is very helpful when the pregnant woman (her wife) is facing her ignorance of pregnancy and has a role in the perception of pregnant women looking at the changes that occur in pregnant women during pregnancy [2]. Good husband support becomes a motivation for pregnant women to make an ANC examination visit. Husbands play a role in undergoing pregnancy and preparation for birth, not only for pregnant women [3]. Based on the results of a preliminary study conducted by researchers at the Head of a Private Clinic through telephone interviews, there was 1 pregnant woman experiencing bleeding events during childbirth and the results of the recap from the visit book from January to June found that several pregnant women with pregnancies were at risk but incompletely conducted an ANC examination. Based on the above background, researchers are interested in conducting research on the relationship between knowledge and the support of husbands.

Explanation

In this paragraph, the conjunctive adverb "**due**" is used to connect the idea that the purpose of ANC examination is not often achieved in some pregnant women with less compliance to several factors that affect compliance. The conjunctive adverb "**while**" is used to connect the idea that society focuses on childbirth to the idea that the events before delivery do not receive much attention. The conjunctive adverb "**namely**" is used to connect the idea that childbirth is the culmination of a series of human reproductive events to the idea that the examination of pregnancy is more important. The conjunctive adverb "**because**" is used to connect the idea that knowledge about pregnancy possessed by the husband is helpful for pregnant women to the idea that it plays a role in the perception of pregnant women.

Source: <https://crimsonpublishers.com/oara/pdf/OARA.000550.pdf>

Activity: Find the conjunctive adverbs in the following elements of research articles

Materials and Methods (Business)

This exploratory study used descriptive statistics to investigate the organisational culture of the NWC using Hofstede's cultural dimensions in light of the government's efforts to change the national culture through Vision 2030. Descriptive statistics were used to measure the central tendency, variability, and frequency of the sample population response to the randomly distributed survey. The survey was developed based on the literature review and contained two sections. The first section included socio-demographic characteristics such as age, gender, educational level completed, and job title. The second used a Likert scale, a popular tool for assessing attitudes, awareness, perspectives, beliefs, and changes in behaviour [57]. It contained a 5-point scale where 1 was Strongly Disagrees, and 5 was Strongly Agree to obtain the participants' degree of approval of the research variables power distance, uncertainty avoidance, collectivism, masculinity, and short-term orientation. There were 24 items across the five variables: six each for power distance and uncertainty avoidance; five each for collectivism and masculinity; and two for short-term avoidance.

Using a sample size calculator, it was determined that 250 viable surveys were needed for this study. Therefore, 500 hundred employees were emailed to managers, supervisors, and officers employed at the Riyadh, Jeddah, and Makkah branches of the NWC. Three hundred thirty-four surveys were returned, but 72 were discarded because they were incomplete, so a total of 262 surveys were analysed. SPSS was used to calculate the weighted arithmetic mean, arithmetic average, and standard deviation of the responses. Cronbach's alpha was also used to measure the data's internal consistency to determine whether the survey questions consistently measured the same characteristics. The following descriptive statistical methods:

The descriptive data analysis was conducted using the SPSS (Version 23.00) software to determine if the data were ready to continue to the multivariate data analysis step. This analysis examined the participants' profiles and data screening by studying normality, means, standard deviations, and standard error of the mean implemented to examine the data's central tendency and dispersion. Means and standard deviations for the independent variables were calculated as follows:

- From 1 to less than 1.8 (Strongly Disagree)
- From 1.8 to less than 2.6 (Disagree)
- From 2.6 to less than 3.4 (Don't Know)
- From 3.4 to less than 4.2 (Agree)
- From 4.2 to less than 5 (Strongly Agree)

Conjunctive adverbs: _____

Source: <https://www.mdpi.com/2673-7116/2/4/35>

Results (Music Education)

Results Sixteen of 21 participants completed the online researcher-devised questionnaire (N=16). The gender proportions represented those of the students in the honors composition concert. Of the 16, 4 were females and 12 were males. Participants ranged in age from 7 to 18 years. In-school Music Involvement, Out-of-school Music Involvement, and Private Lessons Student composers were representatives of a number of school music areas including band, choir, orchestra, and alternative ensemble. Instrumental ensembles indicated by survey responses include: concert band, jazz band, marching band, musical pit orchestra, and symphony orchestra; vocal music ensembles represented include: small and large ensemble choir as well as mixed and homogeneous choirs by gender; other offerings represented include general music, popular music ensemble, student conductor of women's choir, and independent music studies. Eight student composers indicated being exclusively instrumentalists, 2 indicated being exclusively vocalists, and 6 indicated being a combination of both. Students listed the following out-of-school music activities: composition lessons, director of various church ensembles, garage band, jam sessions, jazz combo, guitar ensemble, praise band, recording workshops, recording studio musician, rock band, string ensemble, and voice/lute duo. Ten student composers indicated taking private lessons on at least one instrument. Instruments listed include: cello, drum-set, flute, guitar, organ, piano, viola, violin, and voice. Of the ten student composers indicating private lessons, nine indicated either guitar or piano. Six student composers took lessons on instruments that were offered in school.

Conjunctive adverbs: _____

Discussion (Depression)

We investigated the possible relation between the consumption of yerba mate and depression in university students, where depression is a major issue because students are less likely to seek help (Furr et al., 2001). The prevalence of depression in our research was consistent with other studies. Bostanci et al. found that in Denizli, Turkey around 26.2% of university students had a BDI score of 17 or higher (Bostanci et al., 2005). A study at Damascus University during this period of war in Syria found the overall prevalence of depression in students at 60.6% (Al Saadi et al., 2017). Gonçalves et al. (2012) found out in a study of undergraduate students of pharmacy in Syria that 77% of students presented depressive symptoms. And one study in Kenya reported a 41.33% prevalence of depression (Othieno et al., 2014). Other studies in Saudi Arabia, Iraq, and Lebanon revealed 43%, 45.9% and 27.63% prevalence of depression respectively (Afsar & Kulsoom, 2015; Kathem et al., 2021; Mehanna & Richa, 2006). These differences could be explained to be due to the use of different measurement tools so comparing such results should be done with caution.

Research has found that beck depression inventory is a reliable tool in screening depression in non-clinical populations and supported its use in detecting depression in young people (Kumar et al., 2012; Teri, 1982).

These findings suggest that daily mate drinking may be associated with a reduced risk of depressive symptoms. We did not find any that study that reports associations between drinking mate and depression in university students or other populations and that is to be expected as the research on mate health properties does not compare to more highly researched beverages like coffee and tea (10)?. Mate is a Central Nervous System (CNS) stimulant and is a rich source of caffeine (Winkler et al., 2015), which may explain why those who drink mate daily are less depressed than others. Another possible explanation for our results is the high concentration of polyphenolic compounds and the resulting high antioxidant capacity in yerba mate (Baeza et al., 2018). Mate also has a high content of rutin which was found to have an anti-depressant activity (Nöldner & Schötz, 2002). On the other hand, these results might be due to mate drinkers having fewer risk factors for depression and not the drink itself.

We found no recent research on yerba mate consumption patterns among Syrian university students, although Syria is the world's second-largest importer of dried leaves of *Ilex paraguariensis* A. St.-Hil (Aquifoliaceae) (Sulaiman et al., 2021). The average consumption of mate in our study was consistent with previous research which found that the daily consumption can vary between 1 and 6 Liters per person (Bastos et al., 2007).

Conjunctive adverbs: _____

Source: <https://www.scirp.org/journal/paperinformation.aspx?paperid=121019>

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