



Example

The article 'It's official – women are nicer than men. Is this really science', was written by Anne Perkins and published in the newspaper Guardian on October 10<sup>th</sup> 2017.

In this article, the author discusses whether research on gender differences is both meaningful and relevant. She first introduces the reader to Richard Thaler's studies on human choices, before summarizing the findings of a recent Neuroeconomics study in the journal Nature Human Behavior, arguing that women constitute better team players than men. In the second part of the article, the author strongly criticizes such studies as irrelevant, and argues that neurological differences in behavior between the sexes are small, and also difficult to separate from cultural influences.

In conclusion, the author dismisses studies investigating behavioral differences on the basis of gender, and argues that scientists should instead focus on more pressing health-related research topics.

Summary Writing 1  
Example

The article 'It's official – women are nicer than men. Is this really science', was **written** by Anne Perkins and **published** in the newspaper Guardian on October 10<sup>th</sup> 2017.

In this article, the author **discusses** whether research on gender differences is both meaningful and relevant. She first **introduces** the reader to Richard Thaler's studies on human choices, before **summarizing** the findings of a recent Neuroeconomics study in the journal Nature Human Behavior, **arguing** that women **constitute** better team players than men. In the second part of the article, the author **strongly criticizes** such studies as irrelevant, and **argues** that neurological differences in behavior between the sexes are small, and also difficult to **separate** from cultural influences.

In conclusion, the author **dismisses** studies **investigating** behavioral differences on the basis of gender, and **argues** that scientists should instead **focus** on more pressing health-related research topics.

Verb Use in the Article

very informal		more formal
to win	to make (decisions)	to explain
to put out (the bin)	to lead to	to credit
to stop (smoking)	to decide	to encourage
to be nudged out	to eat (healthily)	to realize
to make (them soft)	to draw (conclusions)	to deprive
to look at	to work	to insist
to don't have to do	to trust	to present
to point (in a direction)	to question	to appear
to find out	to illuminate	to behave
to find (a cure)	to stand	to influence
to try (to find)	to create	to apply
to like (pink)		to transform
		to argue
		to separate

Next Class  
Reading 2 (p. 93)

'Antibiotic apocalypse': doctors sound alarm over drug resistance

The terrifying prospect that even routine operations will be impossible to perform has been raised by experts alarmed by the rise of drug-resistant genes

Over-prescription of antibiotic drugs is just one of the reasons why resistance to vital medicines is growing. Photograph: Alamy Stock Photo

Class 1

Summary Writing 2  
Class 1

<https://www.wenjuan.in/s/2iEVnq/>

Deadline: 周四 晚上的十点

### Summary Writing 1 Example

The article 'Western society is chronically sleep deprived': the importance of the body's clock, was written by the science correspondent of the Guardian news paper Hannah Devlin on October 6<sup>th</sup> 2017.

First, the article introduces the reader to the important role of the cell-internal master genes regulating the biological clock in both plants and animals. While the concept of circadian rhythms was first discovered in the 18<sup>th</sup> century, the genes responsible were first described in a study in the 1980s, for which its authors received the Nobel prize in Medicine in 2017. The article then explains in detail how the current life style in Western Societies interferes with the proper functioning of the biological clock. Importantly, it this newly gained knowledge is currently translated into better timed medication, scheduling of physical activities and even improved time tables of schools.

In conclusion, the article convincingly argues that modern life should adjust to our biological predispositions, rather than vice versa.

### Summary Writing 1- Example

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First, the article **introduces** the reader to the important role of the cell-internal master genes **regulating** the biological clock in both plants and animals. While the concept of circadian rhythms was first **discovered** in the 18<sup>th</sup> century, the genes responsible were first **described** in a study in the 1980s, for which its authors **received** the Nobel prize in Medicine in 2017. The article then **explains** in detail how the current life style in Western Societies **interferes** with the proper functioning of the biological clock. Importantly, it this newly gained knowledge is currently **translated** into better timed medication, changed scheduling of physical activities and even improved time tables of middle schools.

In conclusion, the article convincingly **argues** that modern life **should adjust** to our biological predispositions, rather than vice versa.

### Verb Use in the Article

very informal

to come  
to ask  
to keep  
to point out  
to rise and fall  
to tick  
to catch up  
to stay up  
to lie (in bed)  
to go (to bed)  
to trickle down  
to figure out  
to say



to sound  
to change  
to take  
to experiment  
to think (it helps)



to require  
to produce  
to be awarded  
to control  
to notice  
to isolate  
to adapt  
to synchronize  
to publish  
to anticipate  
to impair  
to use  
to describe



### Next Class Reading 2 (p. 157)

#### How disappearing sea ice has put Arctic ecosystem under threat

From algae to fish and polar bears, the loss of habitat caused by global warming is affecting the food chain



An adult polar bear hunting for seals on the melting pack ice in the Arctic. Photograph: Alamy

Class 2

### Summary Writing 2 Class 2



<https://www.wenjuan.in/s/MbYRvqr/>

Deadline: **周四 晚上的十点**

### Problem 6: Use of verbs without **that**

Verbs

These results **implied** the **distinction** among samples depending on locations as well as populations.

This article **shows** the **importance** of passion for science.

Furthermore, we **found** reduced presynaptic inputs and disturbed morphological structures.

\* Specific verbs can be either *indicative* or *informative*

indicative	informative
Table 2 <b>provides</b> details of the fertilizer used.	Table 2 <b>shows that</b> the active ingredients are all inorganic.
Figure 4.2 <b>provides</b> the results of the second experiment.	Figure 4.2 <b>suggests that</b> the experimental results confirm the hypothesis.

Some verbs can be used in both indicative and informative statements

Table 5 **shows** the most common **indicative**, general summary sources of infection.

Table 5 **shows that** email **informative**, highlight of a specific aspect of the data common source of infection.

Examples:

Table 2 **summarizes** the effects of playing computer games on the duration of student's study time. -> **indicative statement**

Table 2 **suggests** that playing computer games has a considerable effect on the duration of student's study time.

-> **informative summary statement**

Problem 6: Use of verbs without **that**

These results **implied** the distinction among samples depending on locations as well as populations. **X**

-> These results **implied that** samples differed depending both on locations as well as populations. **✓**

Problem 6: Use of verbs without **that**

The article **shows** the importance of passion for science. **X**

The article **shows that** it is important to be passionate about science. **✓**

Problem 6: Use of verbs without **that**

These results **revealed** the plasticity of gut microbial communities. **X**

-> These results **revealed that** the gut microbial communities are highly plastic in their composition. **✓**

Problem 6: Use of verbs without **that**

Our results **indicate** the relation between N-glycans and lung adenocarcinoma. ✗

Our results **indicate that** the levels of N-glycans positively correlate with the presence of lung adenocarcinoma. ✓

Problem 6: Use of verbs without **that**

Our recent study **showed** the heterogeneity of the CEA glycans. ✗

-> Our recent study **showed that** the glycans on CEA are considerably heterogeneous in their composition. ✓

-> if possible, write informative summary statements

Problem 6: Use of verbs without **that**

The percentage of MDSC in the peripheral blood continuously increased, **suggesting** an impact of FOLFIRI on the immune status of patients with colorectal cancer. ✗

-> The percentage of MDSC in the peripheral blood continuously increased, **suggesting that** FOLFIRI greatly affected the immune status of patients with colorectal cancer. ✓

Summary

\* **Location:** use 'show/list/provide' without 'that'

\* **Summary:** use 'show/suggest/indicate/demonstrate' together with 'that'

Examples:

Our results suggest that ... [complete sentence]  
Our findings strongly indicate that... [complete sentence]  
Here, we demonstrate that ... [complete sentence]

Sections: Abstract, Results, Discussion

-> pay attention when reading your research papers

Indicator Verbs for Tables and Figures

Ref: Hyland 2000 (frequency of use of 80,000 words from 80 research articles)

Table 10 Active Verbs (in order of frequency)		Table 10 Passive Verbs (in order of frequency)	
1. shows	~40%	1. shown in	~40%
2. presents	~10%	2. illustrated in	~30%
3. illustrates	~8%	3. presented in	~10%
4. summarizes	~5%	4. given in	~6%
5. demonstrates	~4%	5. listed in	~6%
6. contains	~4%	6. provided in	~4%
7. provides	~3%	7. summarized in	~4%
8. depicts	~2%	8. seen from	~3%
9. lists	~2%		
10. reports	~2%		

\* **shows** mostly used for Figures (30%) and Tables (15%)

Task 1

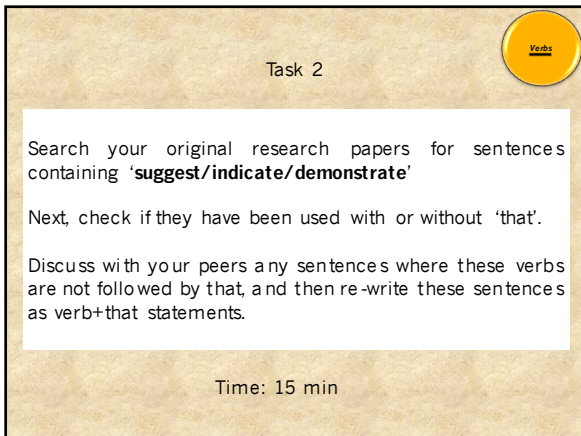
UCAS-M Paper Exercise (11/2017)

Scan your papers for the verbs listed below, and fill out the table as indicated. Compare with your group peers if your findings are similar, and discuss cases of verbs for which results differ.

Student ID: \_\_\_\_\_  
Discipline of paper(s) examined: \_\_\_\_\_

verb	active voice present tense		active voice past tense		passive voice present tense		passive voice past tense		comments
	-that	-that	-that	-that	-that	-that	-that	-that	
argue (Example)	1x	2x	-	1x	-	-	-	-	
conclude									
confirm									
contain									
deduce									
demonstrate									
depict									
find									
hypothesize									
illustrate									
imply									
indicate									
know									
list									
observe									
propose									
provide									
report									
reveal									
show									
suggest									
think									

Time: 15 min



Task 2

Search your original research papers for sentences containing **'suggest/indicate/demonstrate'**

Next, check if they have been used with or without 'that'.

Discuss with your peers any sentences where these verbs are not followed by that, and then re-write these sentences as verb+that statements.

Time: 15 min