

考研英语 英语一 2015年 Text 3  
《科学》努力加入推进论文统计审查的行列

审题划出关键点，精准定位，提高正确率：

31. It can be learned from Paragraph 1 that \_\_\_\_\_
32. The phrase “flagged up” (Para. 2) is the closest in meaning to \_\_\_\_\_
33. Giovanni Parmigiani believes that the establishment of the SBoRE may \_\_\_\_\_
34. David Vaux holds that what Science is doing now \_\_\_\_\_
35. Which of the following is the best title of the text?

段1

①The journal *Science* is adding an extra round of statistical checks to its peer-review process, editor-in-chief Marcia McNutt announced today. ②The policy follows similar efforts from other journals, after widespread concern that basic mistakes in data analysis are contributing to the irreproducibility of many published research findings.

【段1】 \_\_\_\_\_

段1生词：

- journal n. 日报，期刊，杂志
- statistical adj. 统计的，统计学的；以数据表示的  
statistically adv. 统计地；统计学上
- statistics n. 统计，统计学；统计资料，统计数字
- statistician n. 统计学家，统计员
- peer-review process \_\_\_\_\_
- widespread concern \_\_\_\_\_
- analysis n. \_\_\_\_\_  
analyse/analyze v. \_\_\_\_\_

- data analysis \_\_\_\_\_  
analyze data \_\_\_\_\_
- contribute to... \_\_\_\_\_ ; \_\_\_\_\_
- irreproducibility n. 不可复制性, 非再生性  
irreproducible adj. 不能繁殖的, 不能复制的

## 段2

①“Readers must have confidence in the conclusions published in our journal,” writes McNutt in an editorial. ②Working with the American Statistical Association, the journal has appointed seven experts to a statistics board of reviewing editors (SBoRE). ③Manuscript will be flagged up for additional scrutiny by the journal’s internal editors, or by its existing Board of Reviewing Editors or by outside peer reviewers. ④The SBoRE panel will then find external statisticians to review these manuscripts.

【段2】 \_\_\_\_\_

段2生词：

- have confidence in... \_\_\_\_\_
- conclusion n. \_\_\_\_\_
- editorial n. (报刊的) 社论
- appoint v. \_\_\_\_\_  
appointment n. \_\_\_\_\_
- manuscript n. 手稿, 原稿, 底稿
- additional adj. 附加的, 额外的
- scrutiny n. \_\_\_\_\_  
scrutinize/scrutinise v. \_\_\_\_\_
- internal adj. 内部的, 内在的; 国内的
- external adj. 外部的, 外面的, 表面的; 国外的

### 段3

①Asked whether any particular papers had impelled the change, McNutt said: “The creation of the ‘statistics board’ was motivated by concerns broadly with the application of statistics and data analysis in scientific research and is part of *Science*’s overall drive to increase reproducibility in the research we publish.”

【段3】 \_\_\_\_\_

【句】长难句①见微信公众号田静老师的每日长难句78。

段3生词：

- impel v. \_\_\_\_\_
- motivate v. \_\_\_\_\_  
motivation n. \_\_\_\_\_
- scientific research 科学研究
- overall drive 全面的努力
- drive n. 驱动力；紧迫，压力

### 段4

①Giovanni Parmigiani, a biostatistician at the Harvard School of Public Health, a member of the SBoRE group, says he expects the board to “play primarily an advisory role.” ②He agreed to join because he “found the foresight behind the establishment of the SBoRE to be novel, unique and likely to have a lasting impact. ③This impact will not only be through the publications in *Science* itself, but hopefully through a larger group of publishing places that may want to model their approach after *Science*.”

【段4】 \_\_\_\_\_

【句】长难句③见微信公众号田静老师的每日长难句79。

段4生词：

- biostatistician n. 生物统计学家
- play a ... role \_\_\_\_\_
- primarily adv. \_\_\_\_\_
- primary adj. \_\_\_\_\_
- advisory adj. 劝告的，忠告的；顾问的，提供咨询的
- foresight n. \_\_\_\_\_
- establishment n. 确立，制定；公司，机构
- establish v. 建立，创立；确立；获得接受；查实，证实
- have a lasting impact 有持久的影响
- model v. \_\_\_\_\_
- approach n. \_\_\_\_\_；靠近，接近；通路，入口

段5

①John Ioannidis, a physician who studies research methodology, says that the policy is “a most welcome step forward” and “long overdue.” ②“Most journals are weak in statistical review, and this damages the quality of what they publish. ③I think that, for the majority of scientific papers nowadays, statistical review is more essential than expert review,” he says. ④But he noted that biomedical journals such as *Annals of Internal Medicine*, *the Journal of the American Medical Association* and *The Lancet* pay strong attention to statistical review.

【段5】 \_\_\_\_\_

段5生词：

- methodology n. \_\_\_\_\_
- overdue adj. \_\_\_\_\_；未完成的，未兑现的
- due adj. 到期的；预期的；应付的，应得的；恰当的，适当的

- for the majority of... \_\_\_\_\_
- essential adj. 基本的, 本质的; 必要的; 精华的
- biomedical adj. 生物医学的
- pay strong attention to sth. \_\_\_\_\_

## 段6

①Professional scientists are expected to know how to analyze data, but statistical errors are alarmingly common in published research, according to David Vaux, a cell biologist. ②Researchers should improve their standards, he wrote in 2012, but journals should also take a tougher line, “engaging reviewers who are statistically literate and editors who can verify the process.” ③Vaux says that *Science*’s idea to pass some papers to statisticians “has some merit, but a weakness is that it relies on the board of reviewing editors to identify ‘the papers that need scrutiny’ in the first place.”

【段6】 \_\_\_\_\_

段6生词：

- professional adj. \_\_\_\_\_  
profession n. 专业, 职业, 行业
- be expected to do sth. 理应做某事
- be alarmingly common 惊人地普遍
- alarmingly adv. 惊人地, 让人担忧地  
alarming adj. 令人担忧的, 使人惊恐的  
alarm v. 警告; 使惊恐 n. 闹钟; 警报; 惊慌
- take a tough line 采取强硬、严厉措施
- literate adj. 精通的, 熟练的; 受过教育的, 精通文学的
- verify v. \_\_\_\_\_
- merit n. \_\_\_\_\_

- rely on sb. to do sth. \_\_\_\_\_
- in the first place 首先

31. It can be learned from Paragraph 1 that \_\_\_\_\_.

- [A] *Science* intends to simplify its peer-review process
- [B] journals are strengthening their statistical checks
- [C] few journals are blamed for mistakes in data analysis
- [D] lack of data analysis is common in research projects

我的答案：\_\_\_\_\_ 正确答案：\_\_\_\_\_

细节要比对\_\_\_\_\_, 采用“静姐的\_\_\_\_\_”

每个选项的正误原因？\_\_\_\_\_

静姐的“填坑指南”：\_\_\_\_\_

32. The phrase “flagged up” (Para. 2) is the closest in meaning to \_\_\_\_\_.

- [A] found
- [B] revised
- [C] marked
- [D] stored

我的答案：\_\_\_\_\_ 正确答案：\_\_\_\_\_

静姐的“填坑指南”：\_\_\_\_\_

33. Giovanni Parmigiani believes that the establishment of the SBoRE may \_\_\_\_\_

- [A] pose a threat to all its peers.
- [B] meet with strong opposition.
- [C] increase *Science*'s circulation.
- [D] set an example for other journals.

我的答案：\_\_\_\_\_ 正确答案：\_\_\_\_\_

定位原文在哪段？\_\_\_\_\_

静姐的“填坑指南”：\_\_\_\_\_

34. David Vaux holds that what *Science* is doing now \_\_\_\_\_

- [A] adds to researchers' workload.
- [B] diminishes the role of reviewers.
- [C] has room for further improvement.
- [D] is to fail in the foreseeable future.

我的答案：\_\_\_\_\_ 正确答案：\_\_\_\_\_

定位原文在哪段？\_\_\_\_\_

选项A、B和C的正误原因？\_\_\_\_\_

静姐的“填坑指南”：\_\_\_\_\_

35. Which of the following is the best title of the text?

- [A] *Science* Joins Push to Screen Statistics in Papers
- [B] Professional Statisticians Deserve More Respect
- [C] Data Analysis Finds Its Way onto Editors' Desks
- [D] Statisticians Are Coming Back with *Science*

我的答案：\_\_\_\_\_ 正确答案：\_\_\_\_\_

选标题就是在考查什么题型？\_\_\_\_\_

这一题型的解题关键是是3点：\_\_\_\_\_；\_\_\_\_\_；\_\_\_\_\_

本篇文章的主题词是数据分析？数据检查？统计学家？\_\_\_\_\_

静姐的“填坑指南”：\_\_\_\_\_