

# An approach to English journal articles: Worksheet

- 1. What is scientific research?
- 2. How do we conduct scientific research?

Literature review って何？

Wikipedia は使っているの？

### 3. Basics of journals in English

title

abstract

article

reference

- background
- method
- result
- discussion
- conclusion

appendix

### 4. abstract

purpose of the study

method

result

(conclusion)

The purpose of the study is to ...  
This study aims/attempts to...

- analyze
- investigate
- examine
- explore
- show
- reveal

The results { show  
                  { reveal  
                  { suggest } that...

The findings are ...

The study concludes/argues that...

[example]

## Pilot Study Using AI for Large-scale Survey on Psychology: Blood Type and Personality in Japan

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### Abstract

The influence of genetic factors on personality has been actively studied for several decades. This pilot study analyzed data from a large-scale survey ( $N = 3,750$ ) using a combination of traditional statistical techniques and artificial intelligence (AI) to examine the relationship between ABO blood type and personality. The results showed that respondents exhibited the personality traits corresponding to their own blood type more strongly than respondents who had different blood types did. This finding was consistent across all 8 traits, and all differences were statistically significant. In our survey, the same differences in scores were found in the groups who were less interested in the relationship between blood type and personality, although the values were smaller. (中略) The results of conventional personality tests were also discussed. (132 words)

Nとは？

statistically significant？

### 【vocabularies】

genetic factor 遺伝的要因

statistical technique 統計手法

respondent 回答者

exhibit 示す

corresponding to に対応した

consistent 一致している、首尾一貫している

conventional 従来型の