

III  IYNT 2015

REVIEWER

PROBLEM NO.14

Team China

Taking the stage: WANG Yuhao

Problem

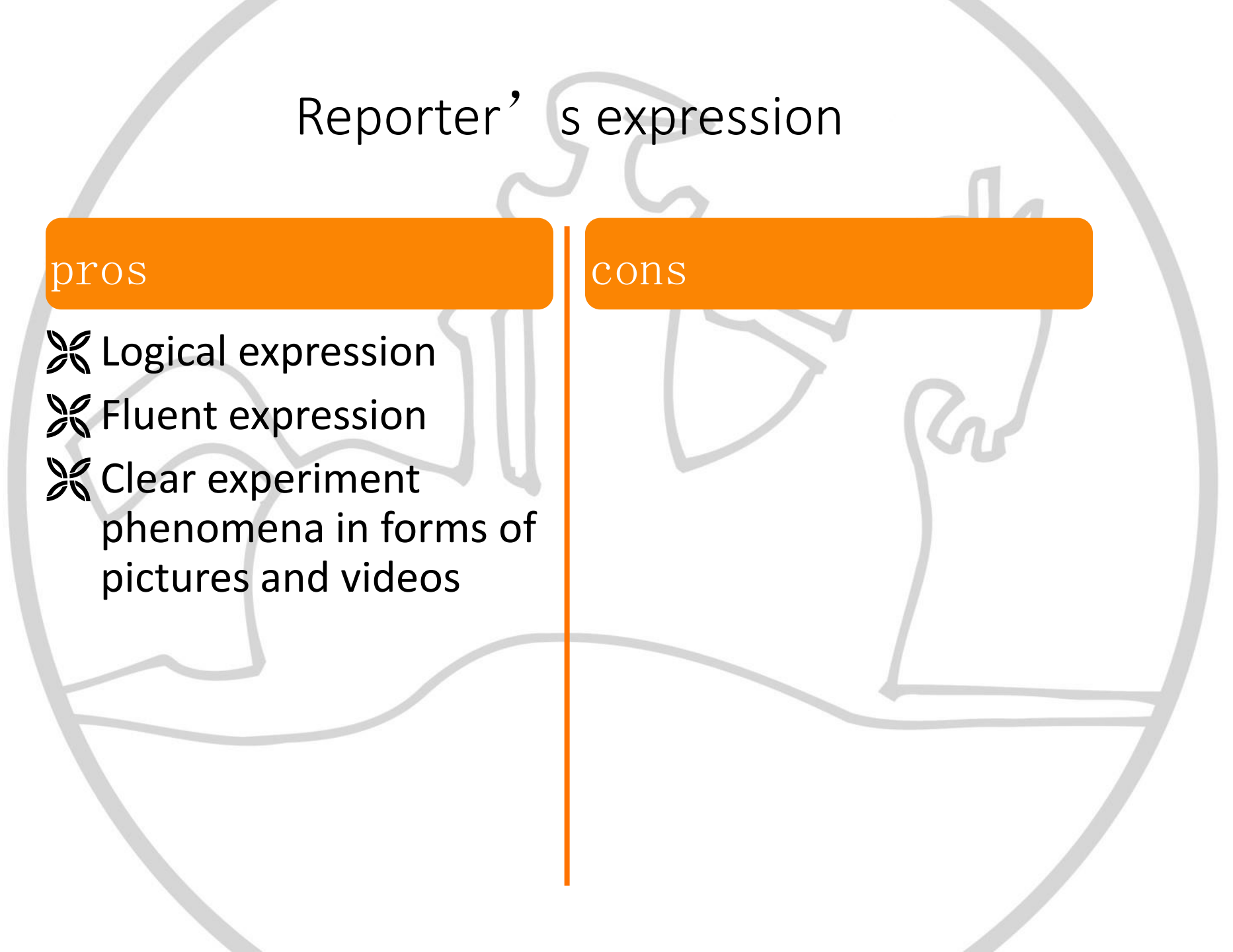
In the Galton box, a regular 2D lattice of obstacles disperses a thin flow of falling particles. When falling on the bottom of the box, the particles show a normal distribution. Use various types or particles and different arrangements of the obstacles to find the conditions when the distribution is no longer normal.

Reporter's expression

pros

- ✿ Logical expression
- ✿ Fluent expression
- ✿ Clear experiment phenomena in forms of pictures and videos

cons



Reporter's theory

advantages

- ✦ Clear concept
- ✦ Qualitative analysis
- ✦ Quantitative analysis
- ✦ Focuses on certain important parameters like ratio

disadvantages

- ✦ Time distribution

Reporter' s experiments

pros

- ✿ Reasonable experimental settings
- ✿ Well presented experimental procedure

cons

Fail to consider other effects that influence results

opponent's expression



advantages

- ✦ Clear logic of raising questions
- ✦ Courteous demeanor

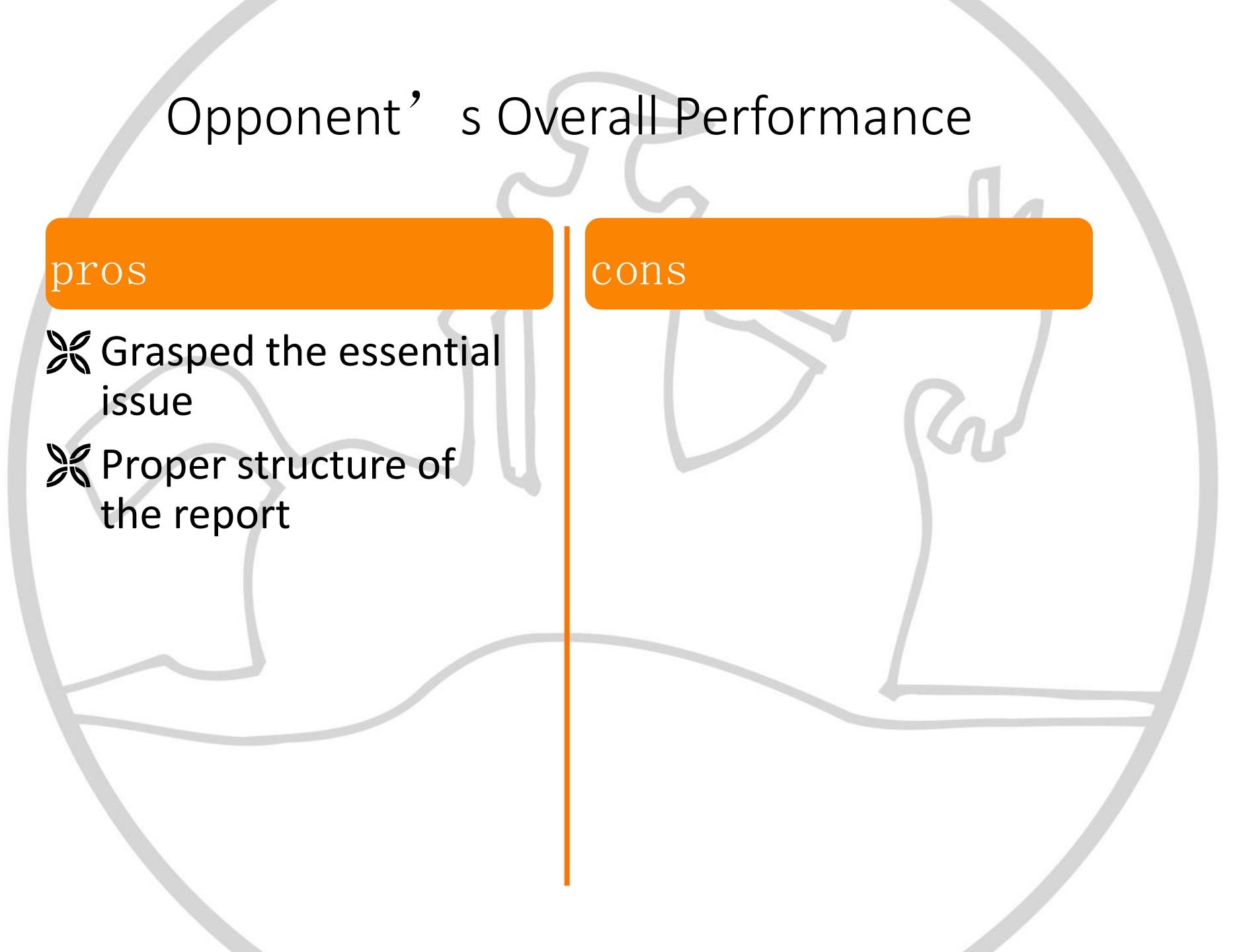
disadvantages

Opponent's Overall Performance

pros

- ✿ Grasped the essential issue
- ✿ Proper structure of the report

cons





**THANKS FOR YOUR
ATTENTION**