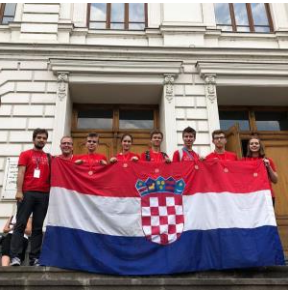


3. The Purkinje shift

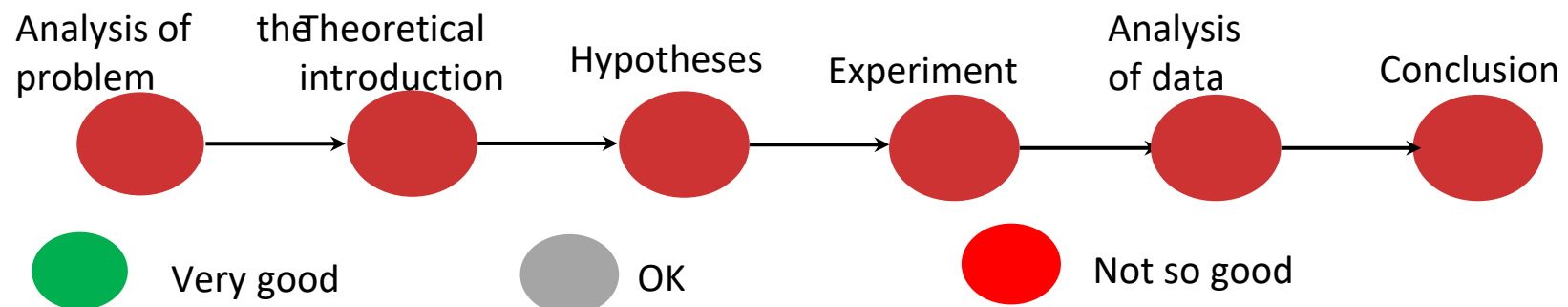
Team Croatia

Reviewer: Mia Čmrlec



Reporter

- explained anatomy of eye but **did not connect** it to the **experiment**
- - explained functions of certain cells -> connected to lighting
 - wrong placement of cells
 - no Purkinje theory
- used sunglasses but did not say how much **light** do the sunglasses actually **filter**
- **did not state** at what **time** were the pictures taken nor the **light intensity** at that time
- used **theory** that either wasn't used or is **unrelated to the problem**
- did not mention **wavelengths** or **electromagnetic radiation** (important theory)
- **unclear experimental** setup/plan
 - **used natural lighting** -> lack of control
- were not in the same condition
- didn't mention **repetitions** and errors
- lack of participants
 - mentioned several people participating in experiment -> same age groups/gender
- **no hypotheses**
- **no graphical results**
- **no quantitative measurements**
- conclusions without quantitative measurements?
- **overall -> poorly executed and controlled**



Opponent

- noticed the wrong information regarding cell placement
- noticed lack of explanation for second experiment
- the opponent did not ask good clarifying questions (explanation of the second experiment, how much light did sunglasses filter and of what wavelengths) - discussion
 - said introduction was good - disagree
 - noticed the experimental setup was subjective and lack of light control
 - noticed the lack of hypotheses and results
 - did not notice lack of sunglasses filtering information



Discussion

- Reporter asked about the missing Purkinje shift theory
 - no answer -> the reporter isn't familiar with basic theory
- Asked about number of participants and their age:
 - agree with the opponent -> small number of participants (too small to conclude)

Asked about the missing colour spectrum

- no answer -> the reporter isn't familiar with basic theory
- discussed sample size - not enough -agree
not enough information about participants (their predisposition) - agree with the opponent

Discussion poorly executed -> opponent could not get answers



Thank you!

Team Croatia

Reviewer: Mia Čmrlec

