

- Participants asked to match rationale patterns with sentences before and after perturbation
- Basically performing at random guess level
- Original: Benefits from a strong performance from Zhao, but it's Dong Jie's face you remember at the end
- Perturbed: Benefits from a <u>solid</u> performance from Zhao, but it's Dong Jie's **face** you **remember** at the end



- Original: Benefits from a <u>strong</u> performance from Zhao, but it's Dong Jie's face you remember at the end
- Perturbed: Benefits from a solid performance from Zhao, but it's Dong Jie's face you remember at the end
- The rationale selection process of neural rationale models is hard to understand.
- Without such understanding, neural rationale models are not really "inherently interpretable" due to their potential cheating behavior.
- The more accurate CR model is less understandable than the less accurate PG model, suggesting a possible accuracy-interpretability trade-off.
- Future work is much needed to evaluate and ensure interpretability of these models.