

**(a) Global cross-modal relation scheme**  
(Vempala and PreoŃiu-Pietro, 2019)

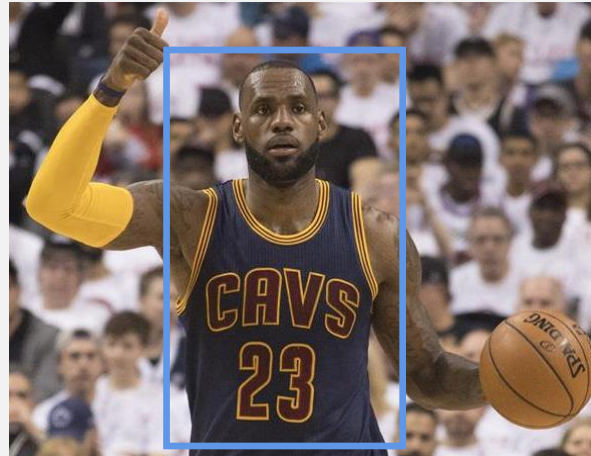
**[Oklahoma]** **Neutral** legend Bob Stoops reportedly had interest in an NFL job before retiring



Image adds to the tweet meaning &  
Text is not represented in image.

**(b) Aspect-level cross-modal relation scheme**  
regarding explicit alignment (Yu et al., 2022b)

# HangUp NBA superstar **[LeBron James]**  
**Neutral** : Racism is part of America



The image is relevant to aspect  
(Explicit Alignment).

**(c) Our aspect-level emotional cross-modal relation scheme (AECR)**

Me listening to **[Trey Songz]** **Positive** sing at  
BETAwards17



The image is relevant to aspect (The  
image is the source of emotional  
expression).