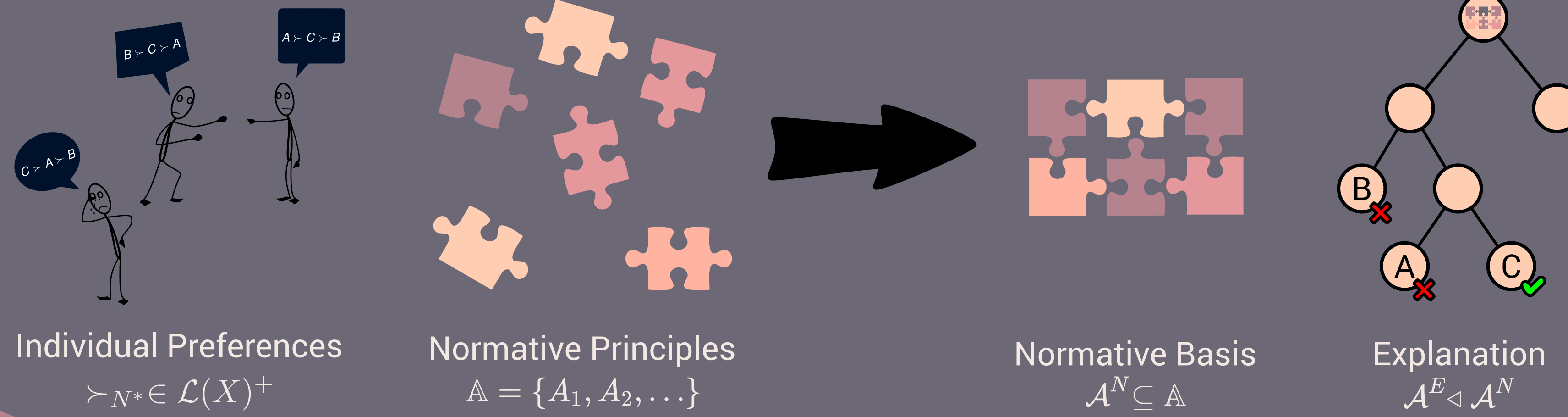
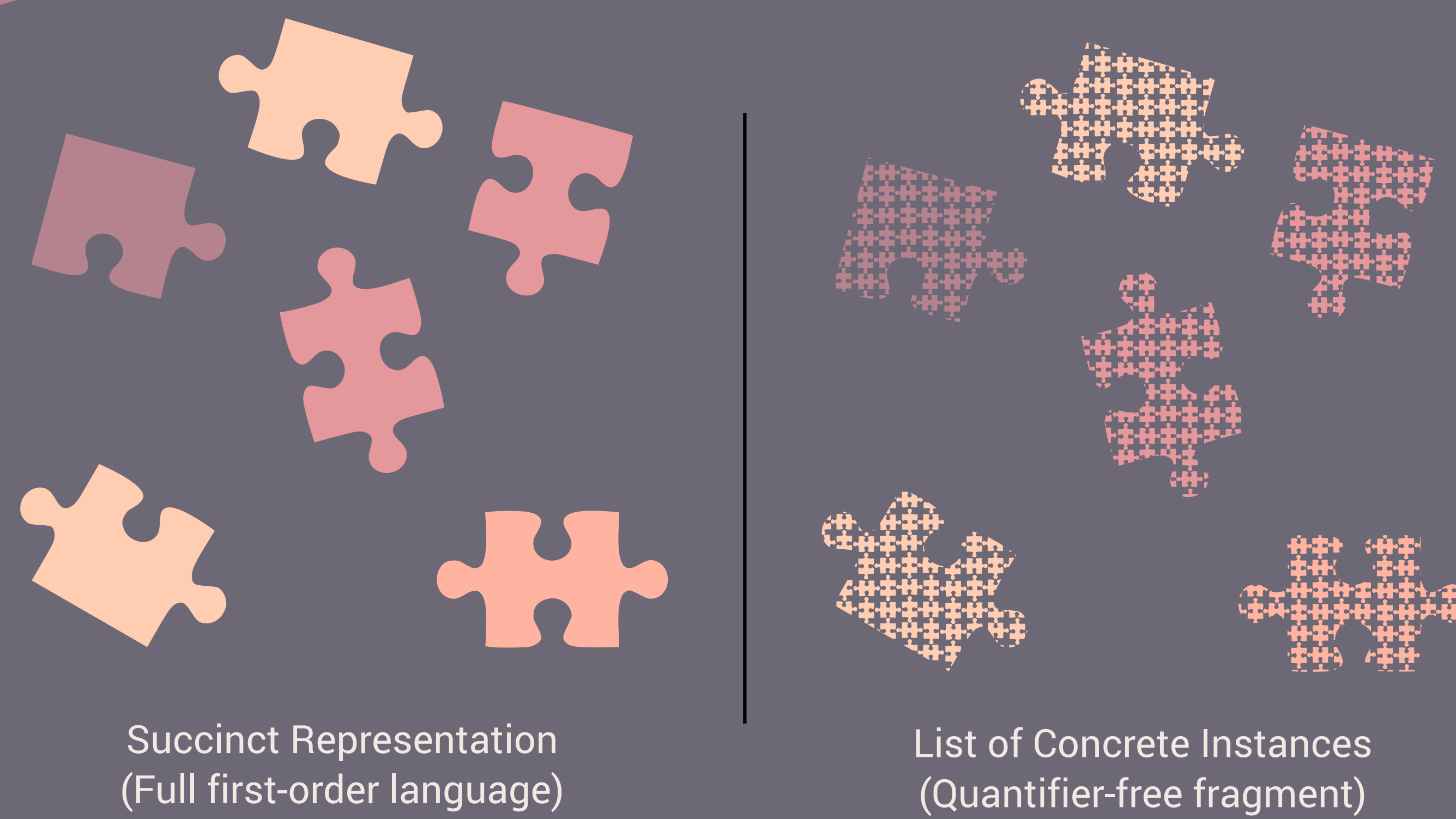


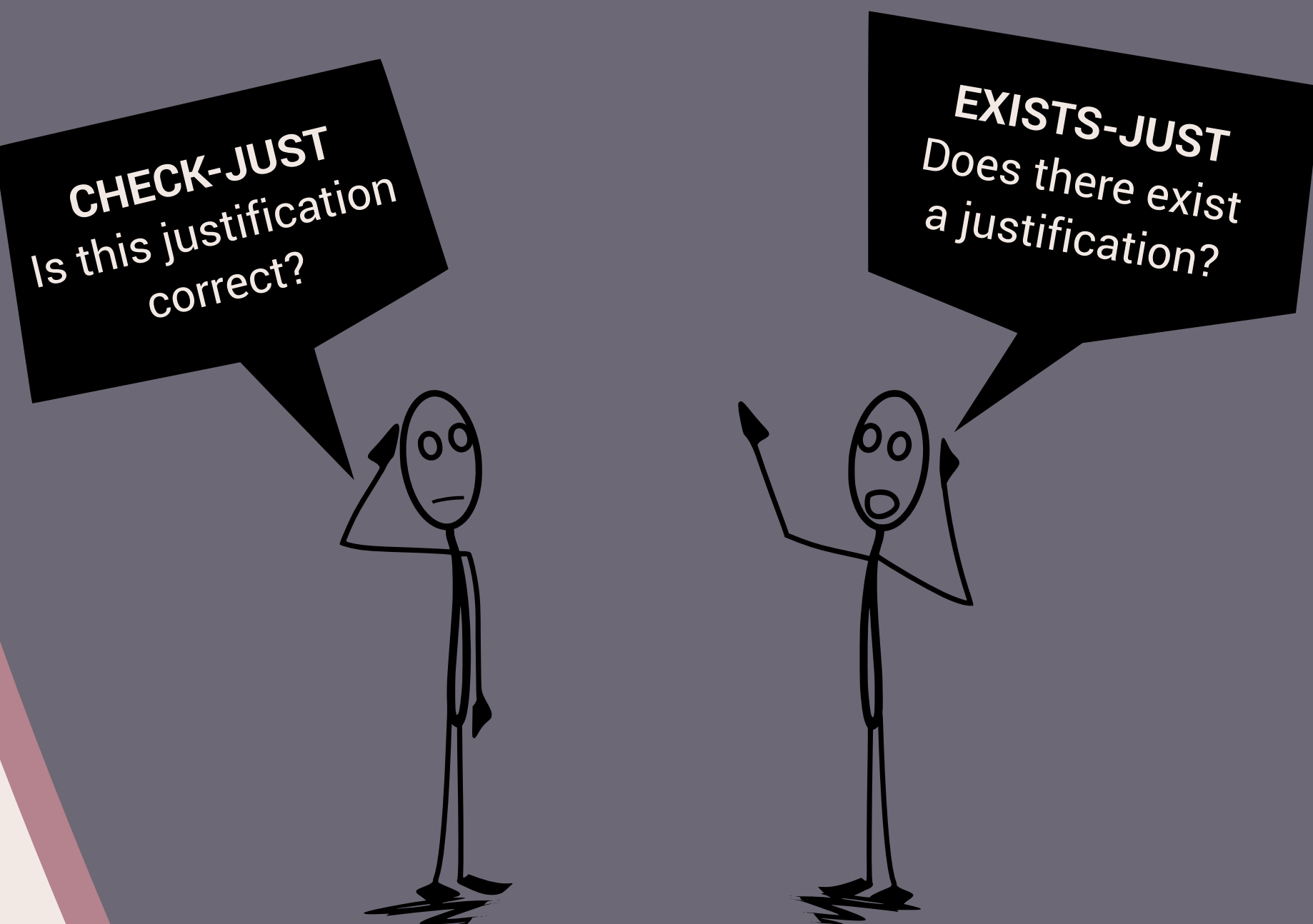
## 1 Framework [1]



## Axioms 2



## 3 Problems



## 4 Results

	CHECK-JUST	EXISTS-JUST
Quantifier-free fragment	DP-complete	$\Sigma_2^P$ -complete
Full first-order language	in $\text{NEXP} \wedge \text{coNEXP}$ NEXP-hard	in $\text{EXP}^{\text{NP}}$ NEXP-hard

[1] Arthur Boixel and Ulle Endriss. 2020. Automated Justification of Collective Decisions via Constraint Solving. In Proceedings of the 19th International Conference on Autonomous Agents and Multiagent Systems (AAMAS-2020). IFAAMAS

