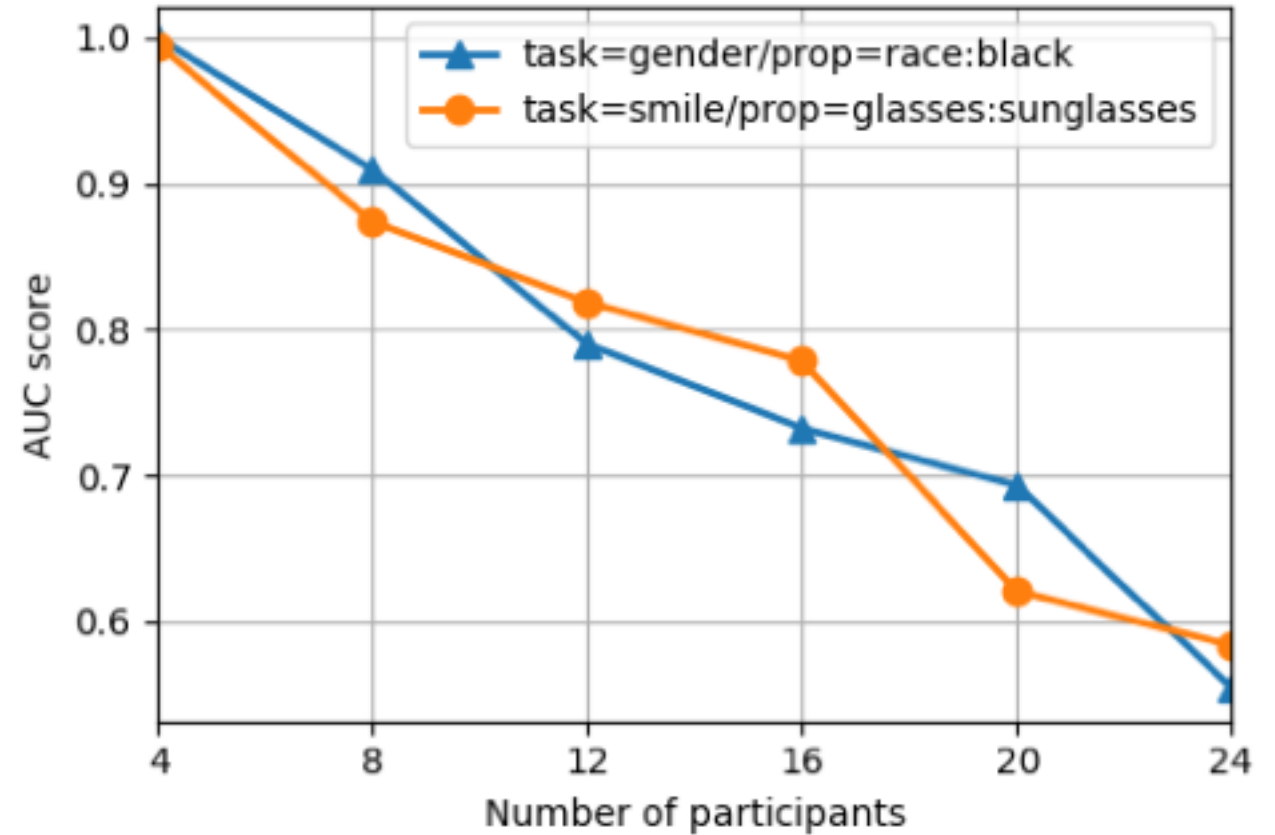


Dataset	Type	Main Task	Inference Task
LFW	Images	Gender/Smile/Age Eyewear/Race/Hair	Race/Eyewear
FaceScrub	Images	Gender	Identity
PIPA	Images	Age	Gender
FourSquare	Locations	Gender	Membership
Yelp-health	Text	Review Score	Membership Doctor specialty
Yelp-author	Text	Review Score	Author
CSI	Text	Sentiment	Membership Region/Gender/Veracity

# Property Inference on LFW

Main Task	Inference Task	Correlation	AUC score
Gender	Sunglasses	-0.025	1.0
Smile	Asian	0.047	0.93
Age	Black	-0.084	1.0
Race	Sunglasses	0.026	1.0
Eyewear	Asian	-0.119	0.91
Hair	Sunglasses	-0.013	1.0

Two-Party



Multi-Party