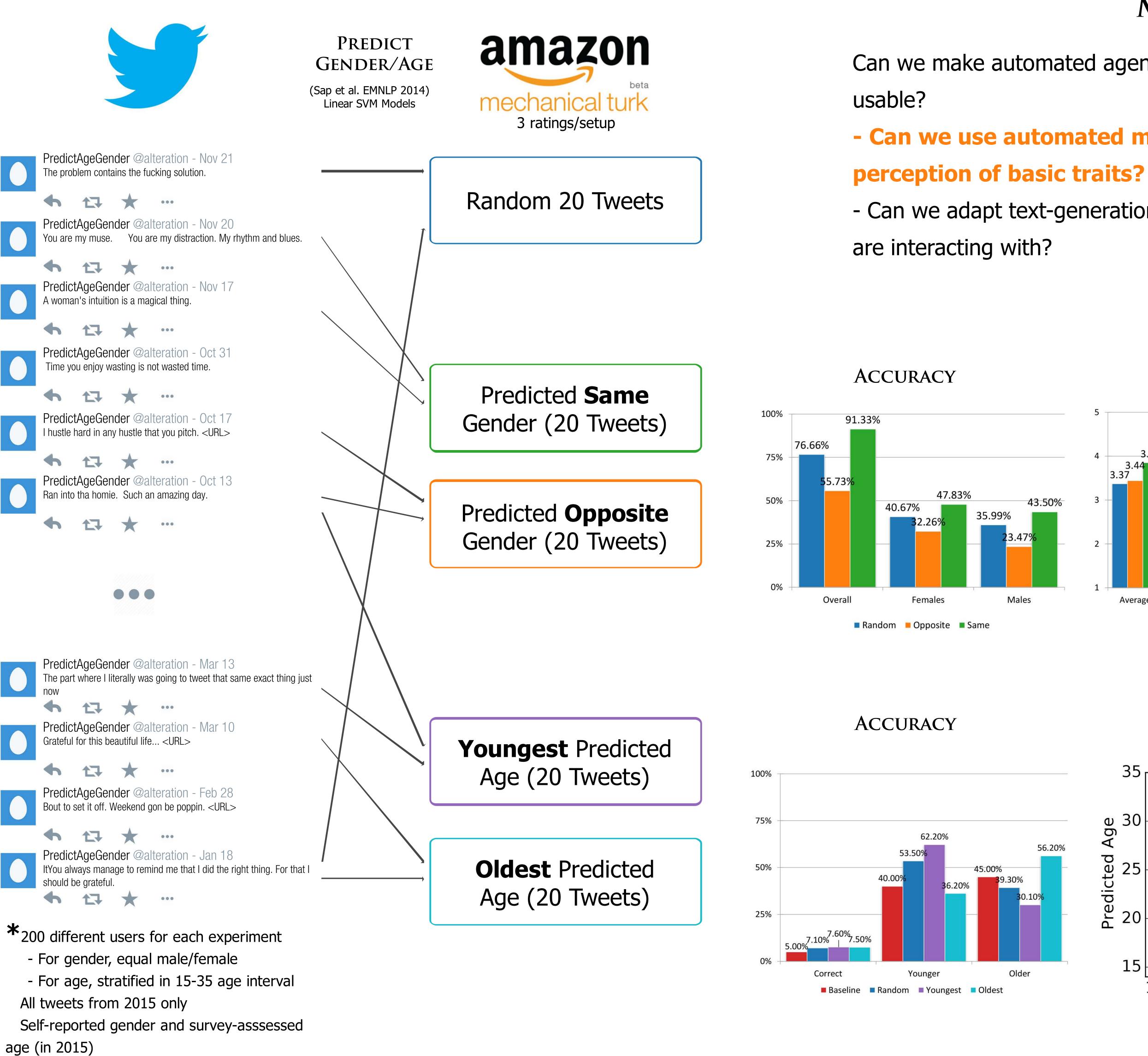
# CONTROLLING HUMAN PERCEPTION OF BASIC USER TRAITS

## DANIEL PREOTIUC-PIETRO, SHARATH CHANDRA GUNTUKU, LYLE UNGAR



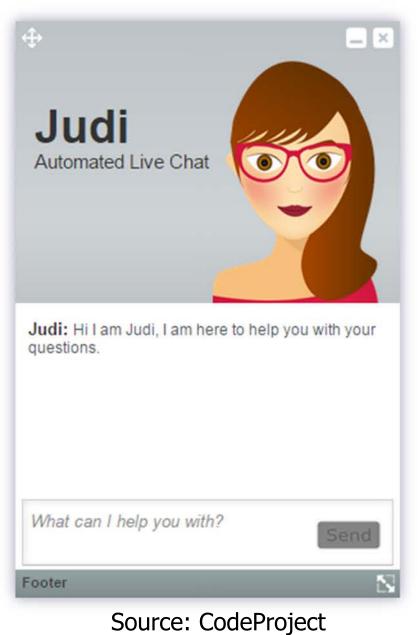


### MOTIVATION

Can we make automated agents more likeable, effective and

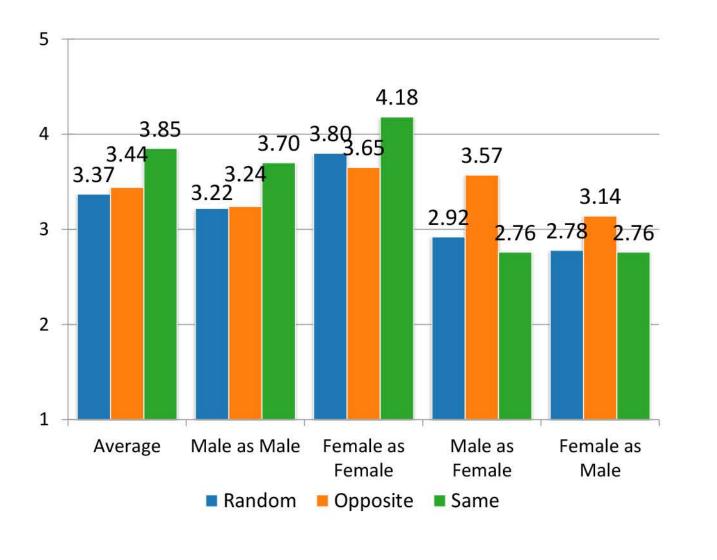
## - Can we use automated methods to affect human

- Can we adapt text-generation methods to the person they

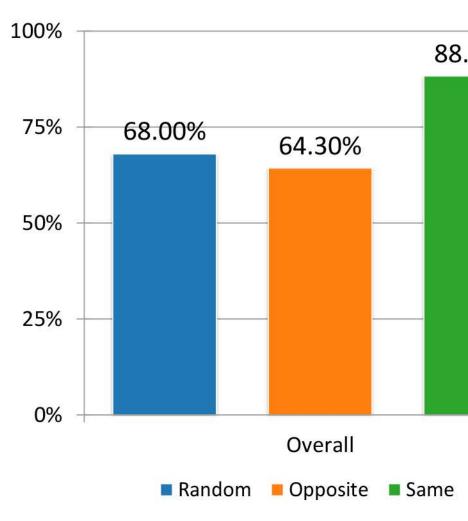


#### CONFIDENCE

GENDER

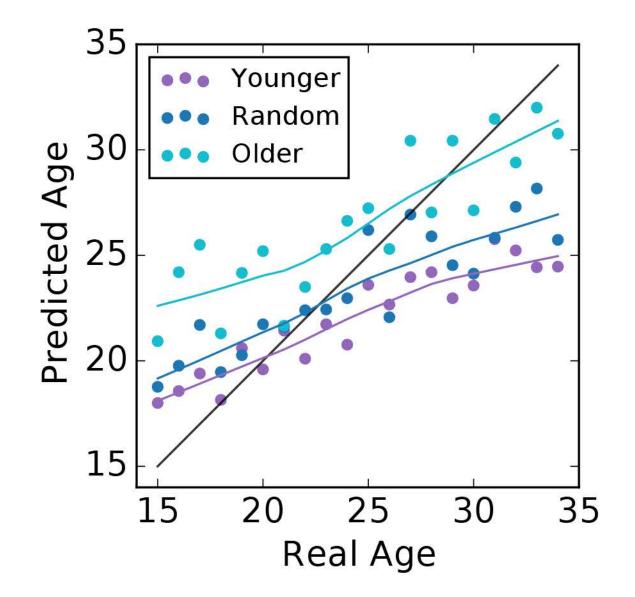


#### **INTER-ANNOTATOR AGREEMENT**



AGE

PREDICTIONS



#### **MISLEADING FEATURES\***

#### Youngest

literally	- that's literally living the o
SO	<ul> <li>im laughing so hard</li> </ul>
though	- You cute though
excited	- IM SO EXCITED URL
guys	- you guys killed it USER
Oldest	
daughter	- USER makes my 2-month
	daughter stop fussing :)
years	- i love [] regretting eve
	from like three years ago
vin	Christmas is almost horo

- Christmas is almost here! Let's via party! URL via USER - One year ago today URL URL ago - I'm OK with that. URL ok

\* regression/classification weight with the user-normalized average frequency of the feature in the displayed tweets





.30%	6	

dream

n-ol erything