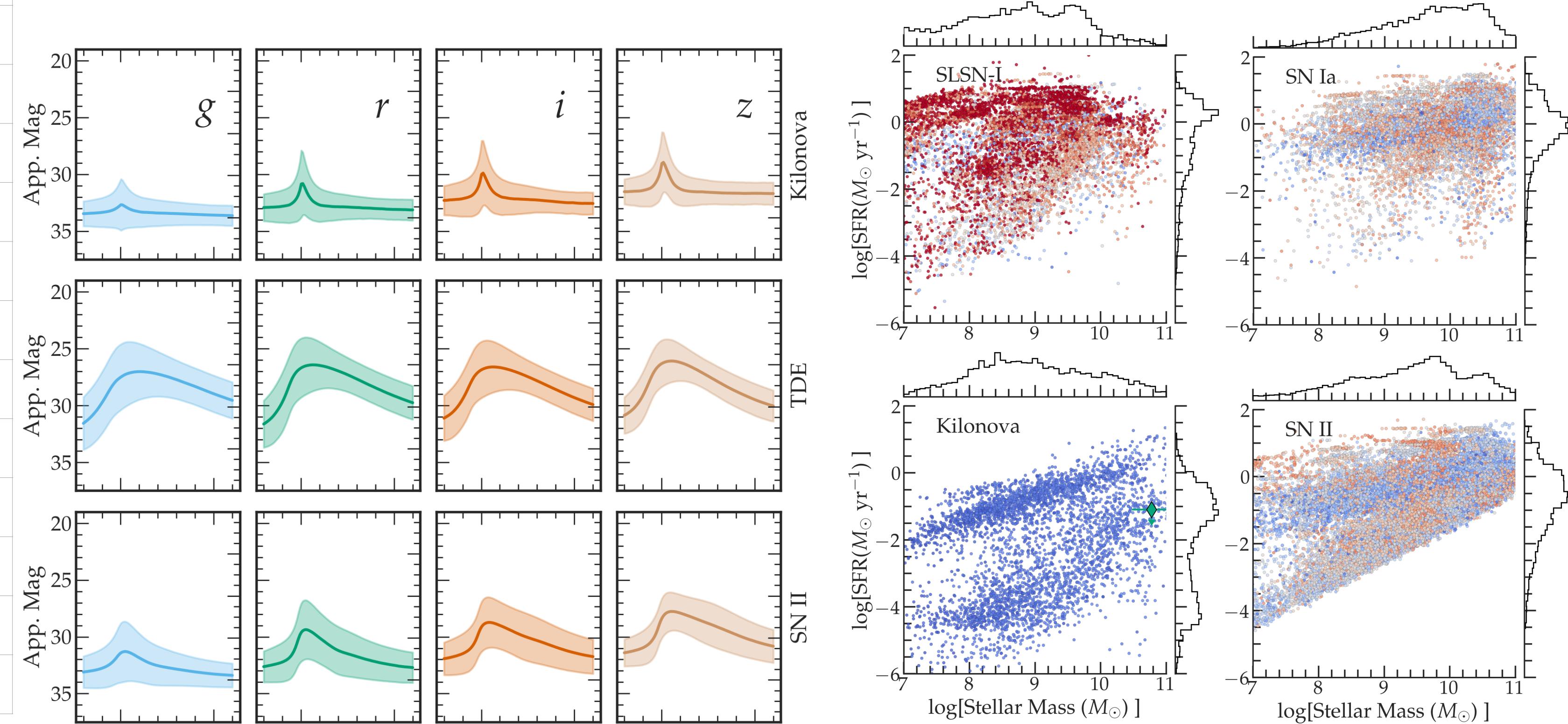


Real-Time Transient Classification With Host-Galaxy Info

Transient Class	NLC
Kilonovae	1,108
SLSN-I	76,686
TDE	54,652
AGN	174,833
SN IIn	267,7674
SNII	41,805,604
SNIb	6,297,024
SNIc	6,297,024
SNIc-BL	67,0240
SNIib	6,538,537
SNIa	16,193,038
SNIa-91bg	1,079,102
SNIax	3,764,597

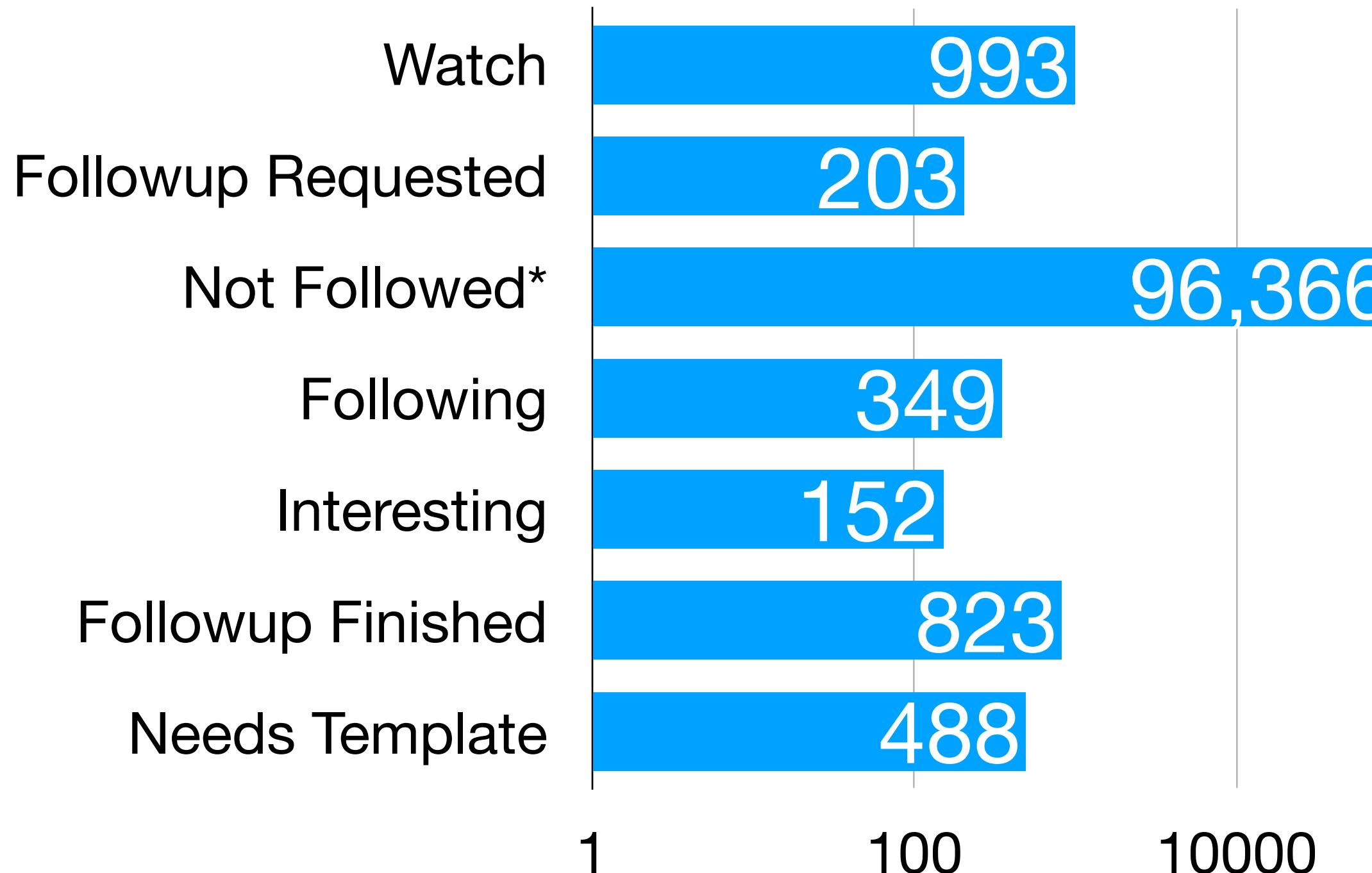
*Extended ELAsTiCC: 90M Transients
+ Global Host Properties (observed + derived)*



1. Public RAPID (Trained on PLAsTiCC) + Classifier on host information (can be simple)
2. Sim. photometry only
3. Obs. photometry
4. Images

YSE-PZ Transient Stats

Transients Currently on YSE-PZ

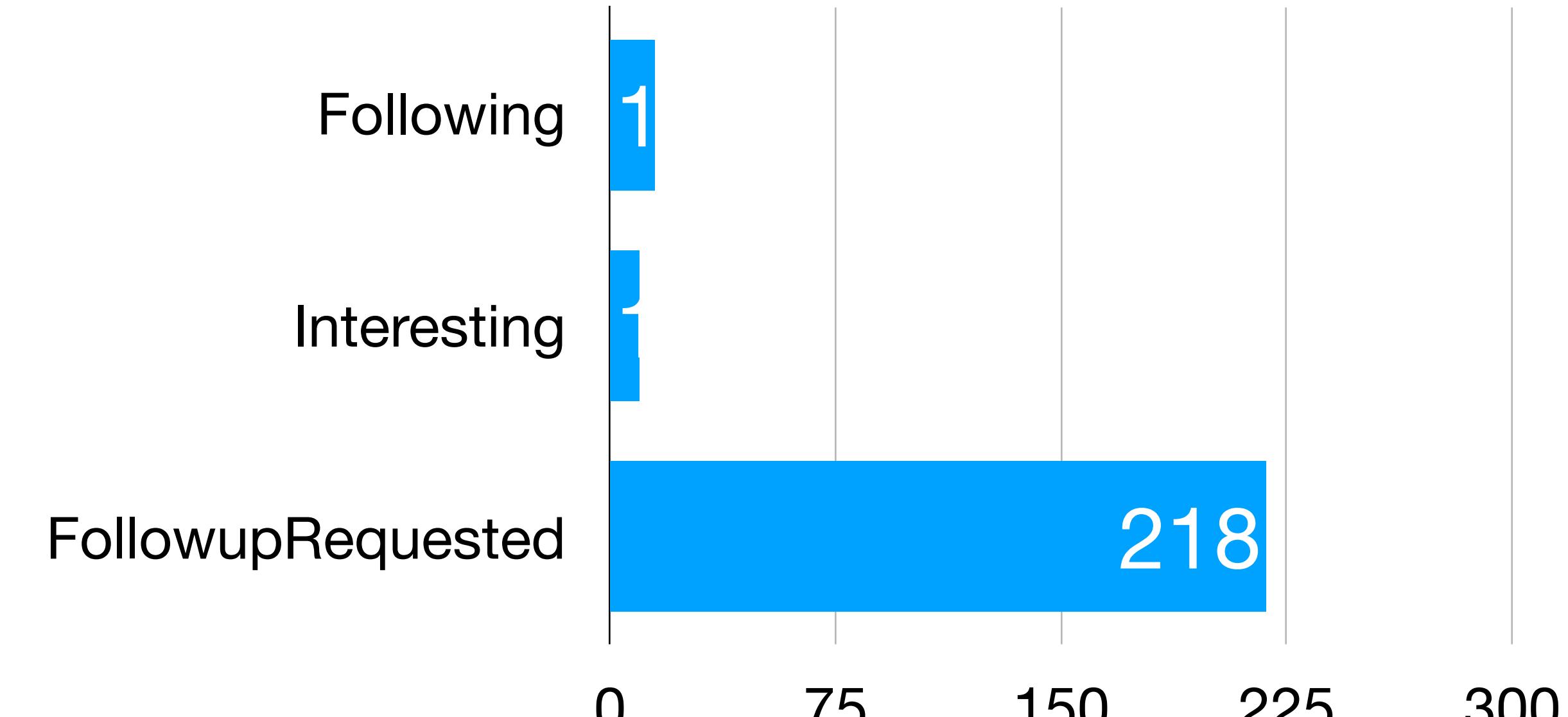


2.5k discovered by YSE

*Includes “uninteresting” and “interesting but not followed”

*Transductive (contrastive but for small samples?)
learning to categorize “not followed”?*

Transients With Time-Stamped Tag Changes



Version Control since 2021-10-22

**10k logged status changes
(Mostly Watch → Ignore, no user info)**

For time-series predictions?