

# **DartPost Preliminarily Analyses**

**Kevin T. Greene**

# Active Users

- Definition is highly important
- Requiring post and other engagements may lose Observers
- Current measure: User views posts on 2 or more days
  - Low barrier, higher N
  - Does not get at expression

# Descriptives

- 116 active accounts, 90 unique users
- 35 Puppets, 9 unique users
- 34 Observers
- 47 Participants

# Active Account Level Analysis

N = 116

- mk = user issued, rec = user received
- Also have all information from MTurk

Id	Role	Reported	mk_post	mk_like	mk_com ment	rec_views	rec_like	rec_com m
2561	Puppet	0						
2588	Participant	1						

# Detecting Socks

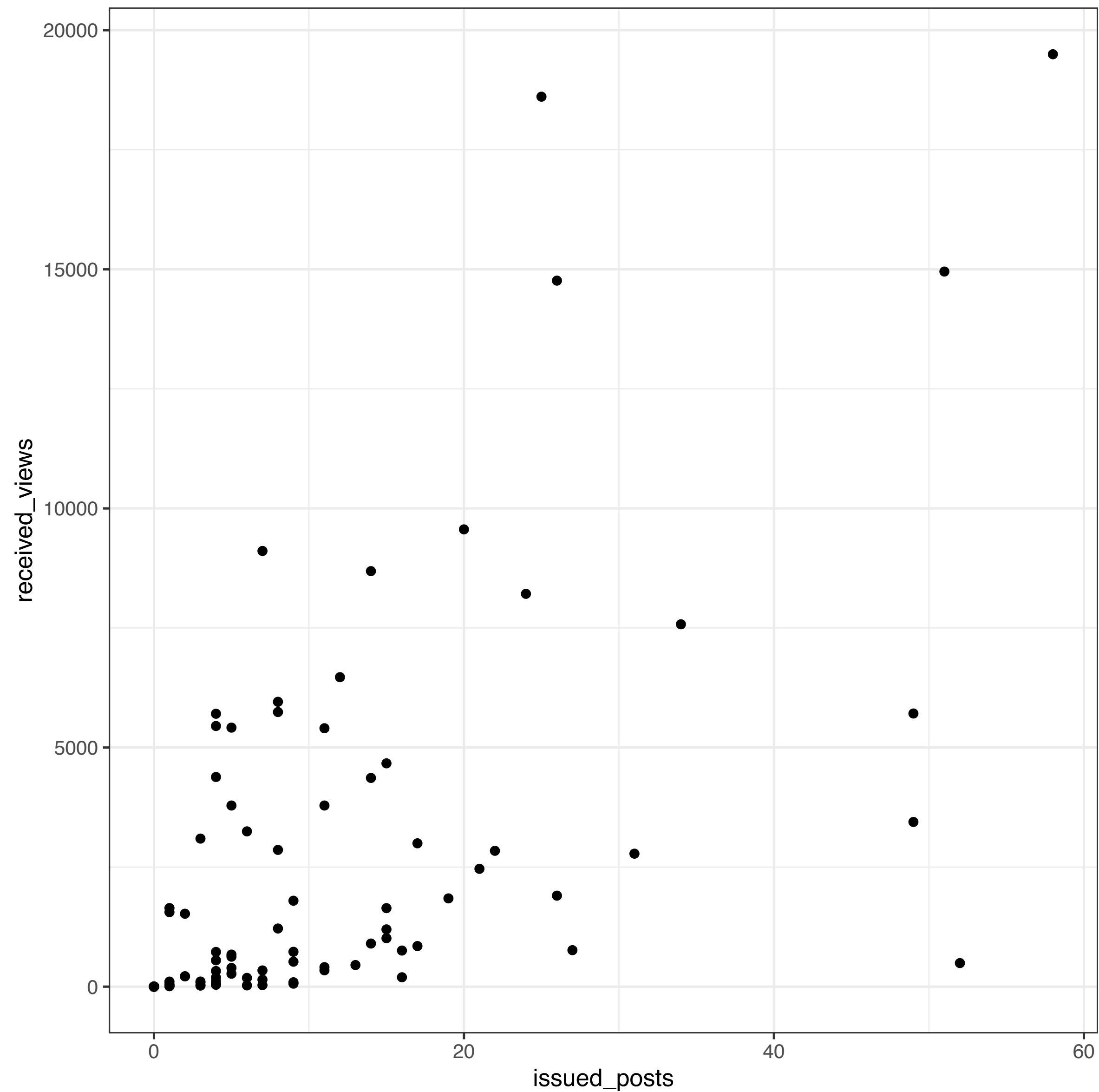
Active Account Level (N = 116)

- Accounts Reported = 19
- Reported - was a user reported (0/1)
- Puppet - was a user a sock (0/1)
- Accuracy of detecting puppets is .2
- *Humans are bad at detecting socks*

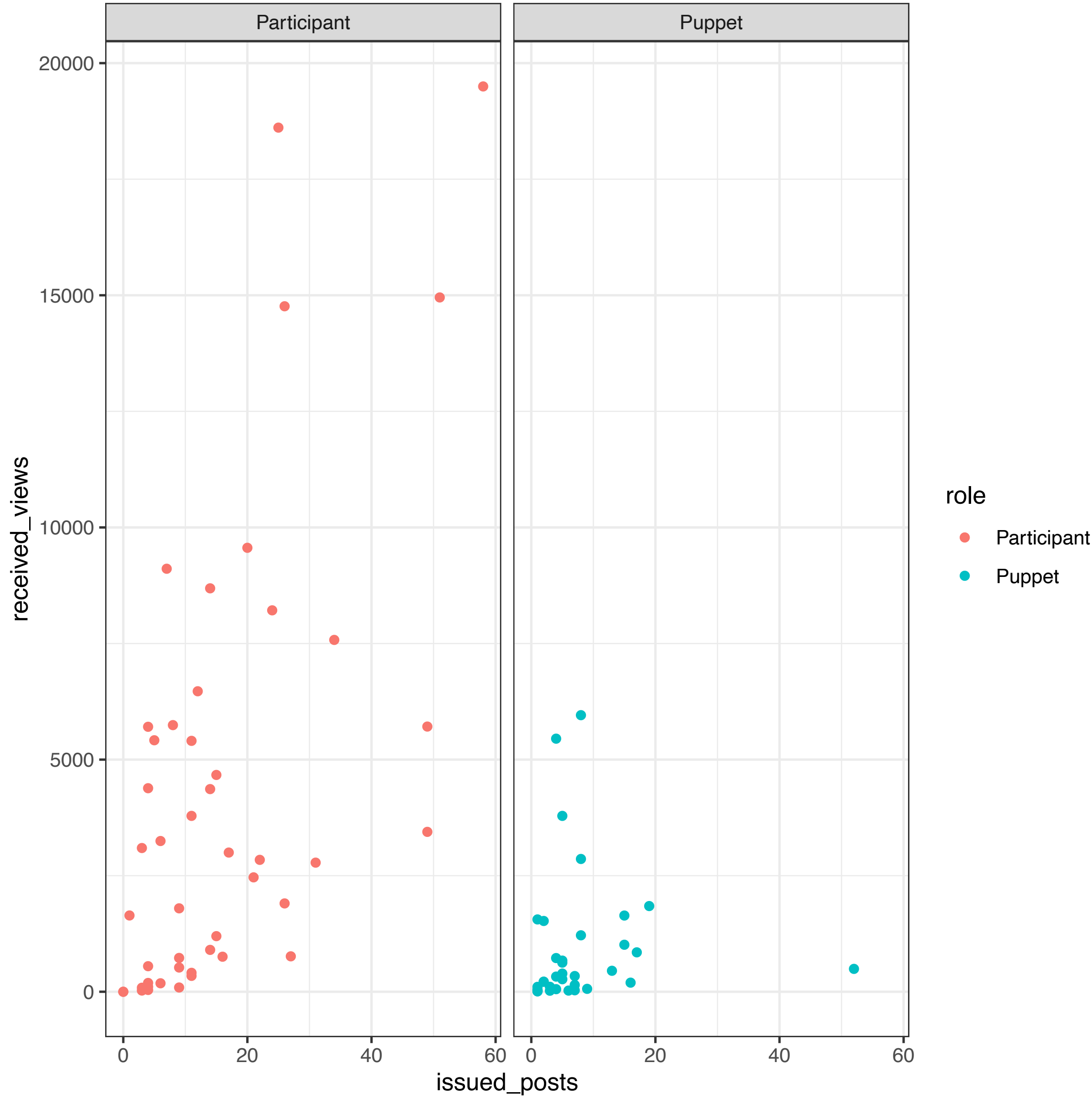
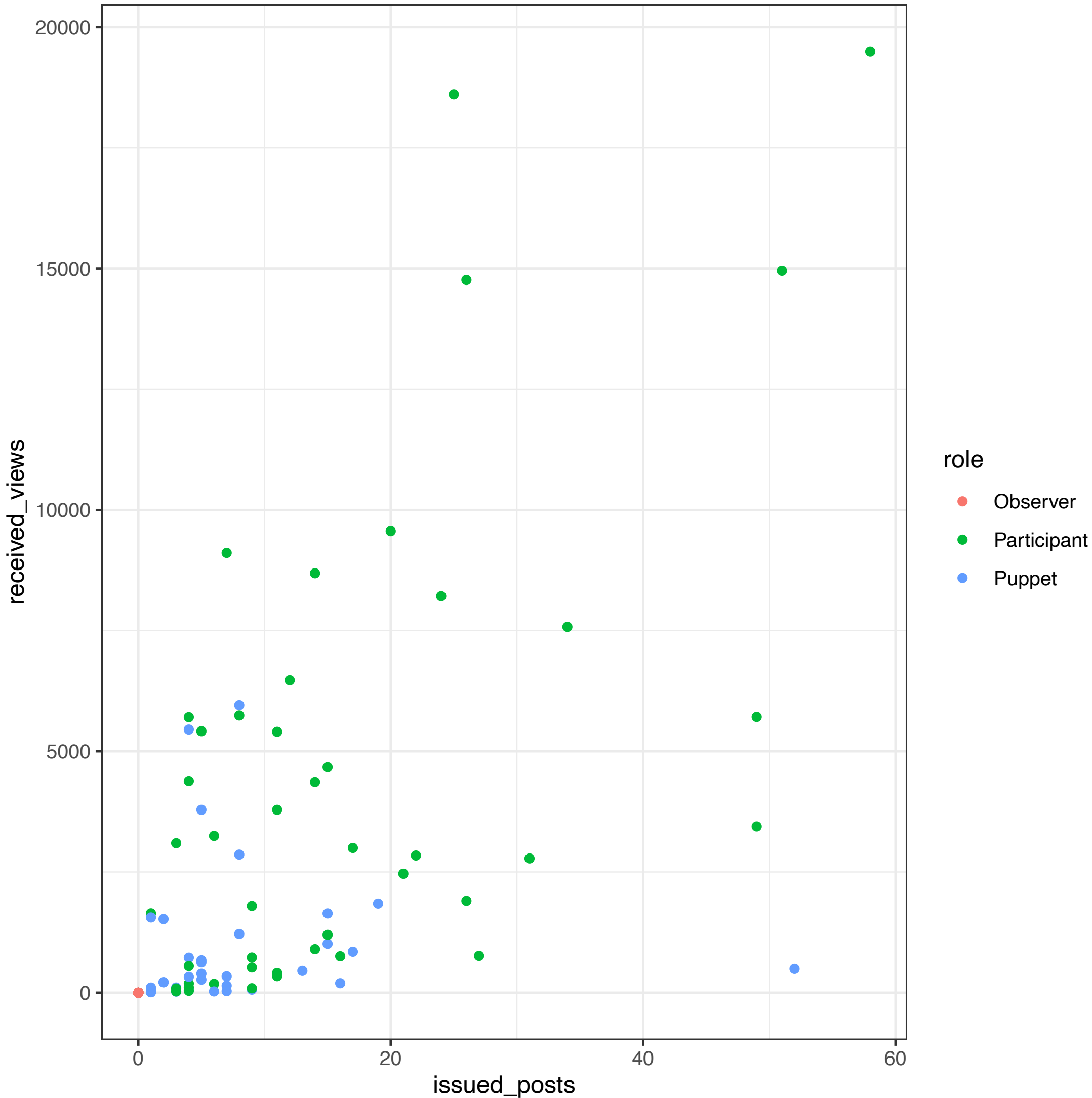
	Actual 1	Actual 0
Predict 1	7	12
Predict 0	28	69

Prec.	Recall	F1	Acc.
0.37	0.20	0.26	0.66

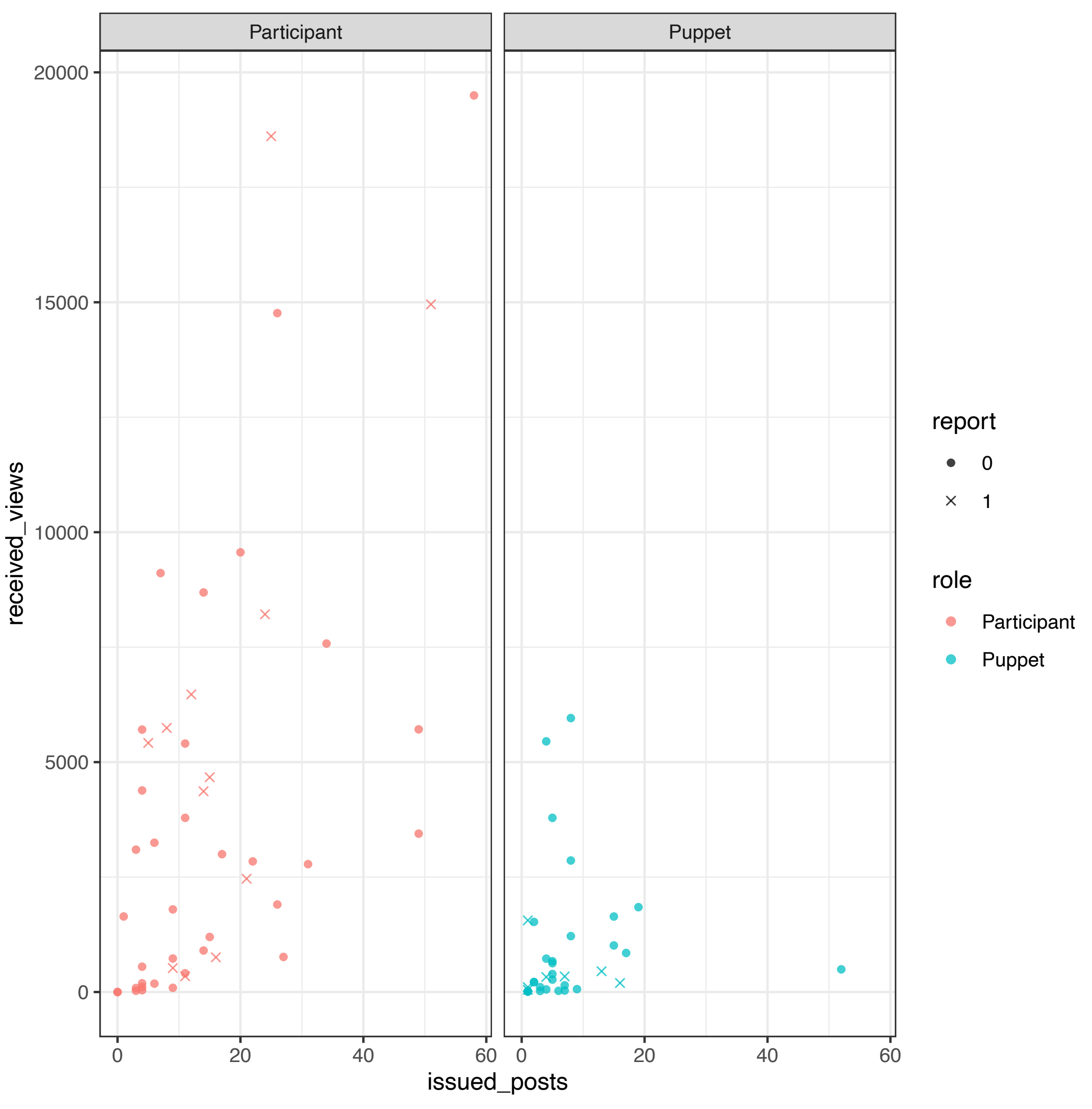
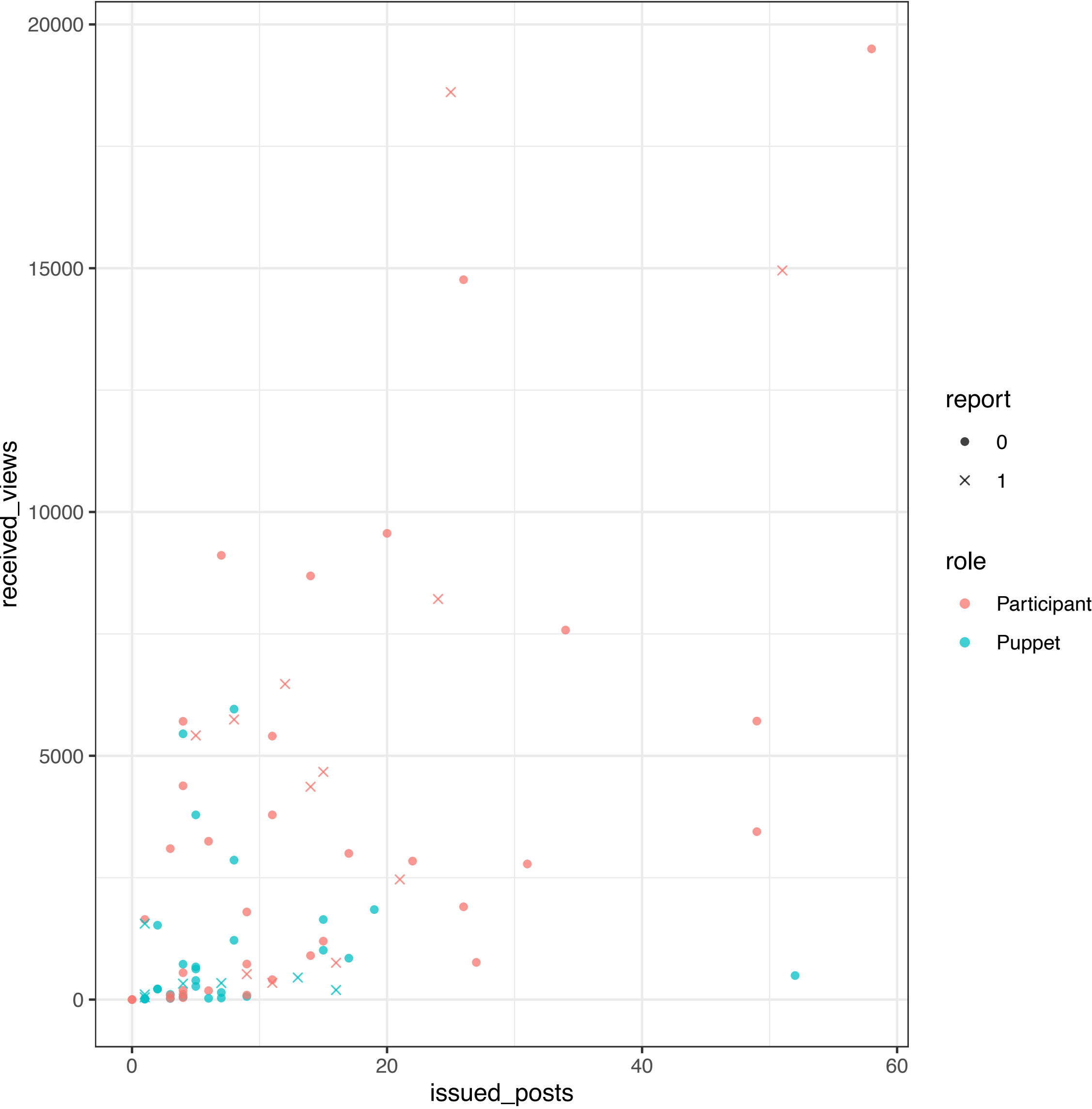
# Number of Views and Posts



# Views and Posts by Role

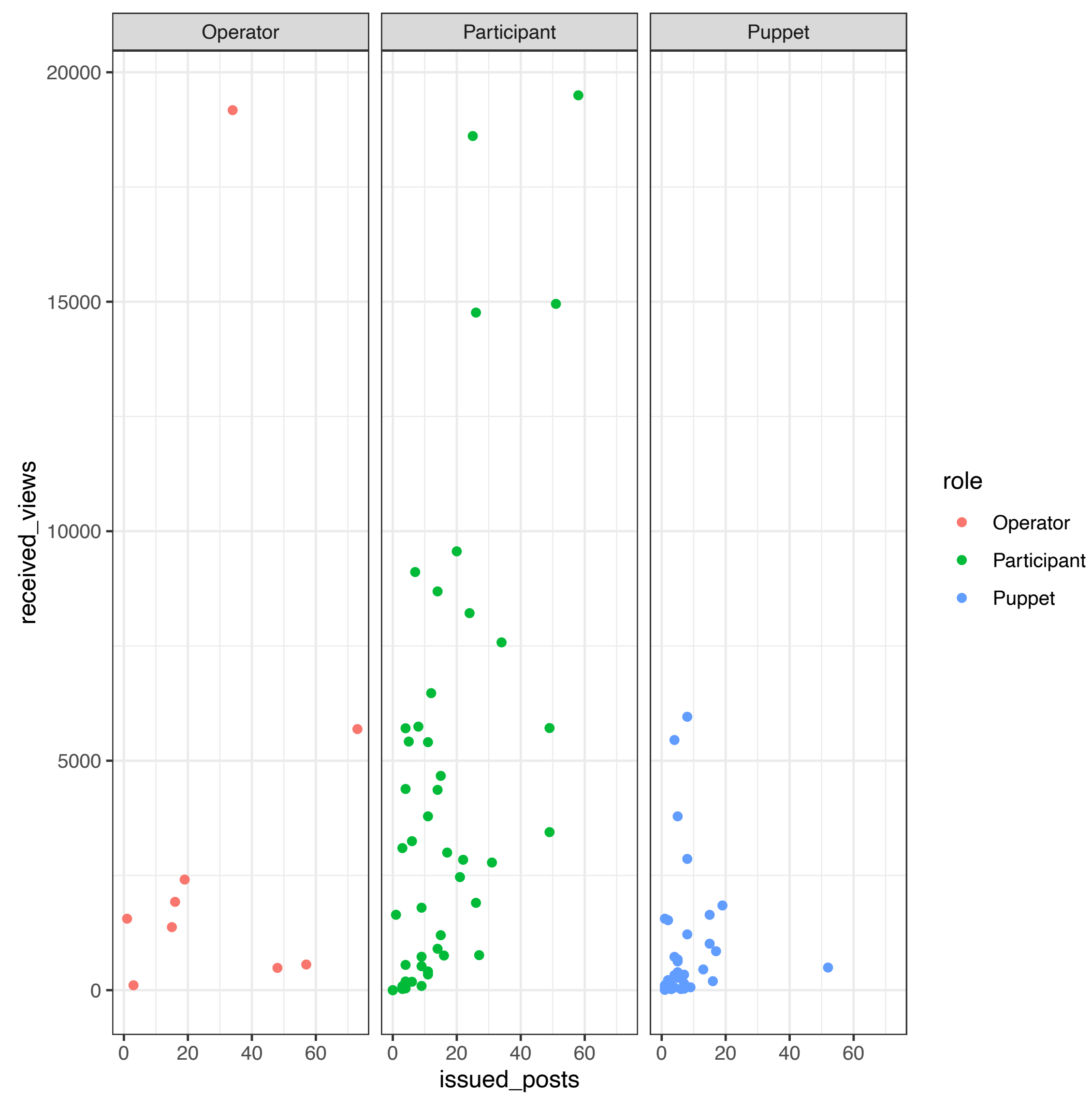
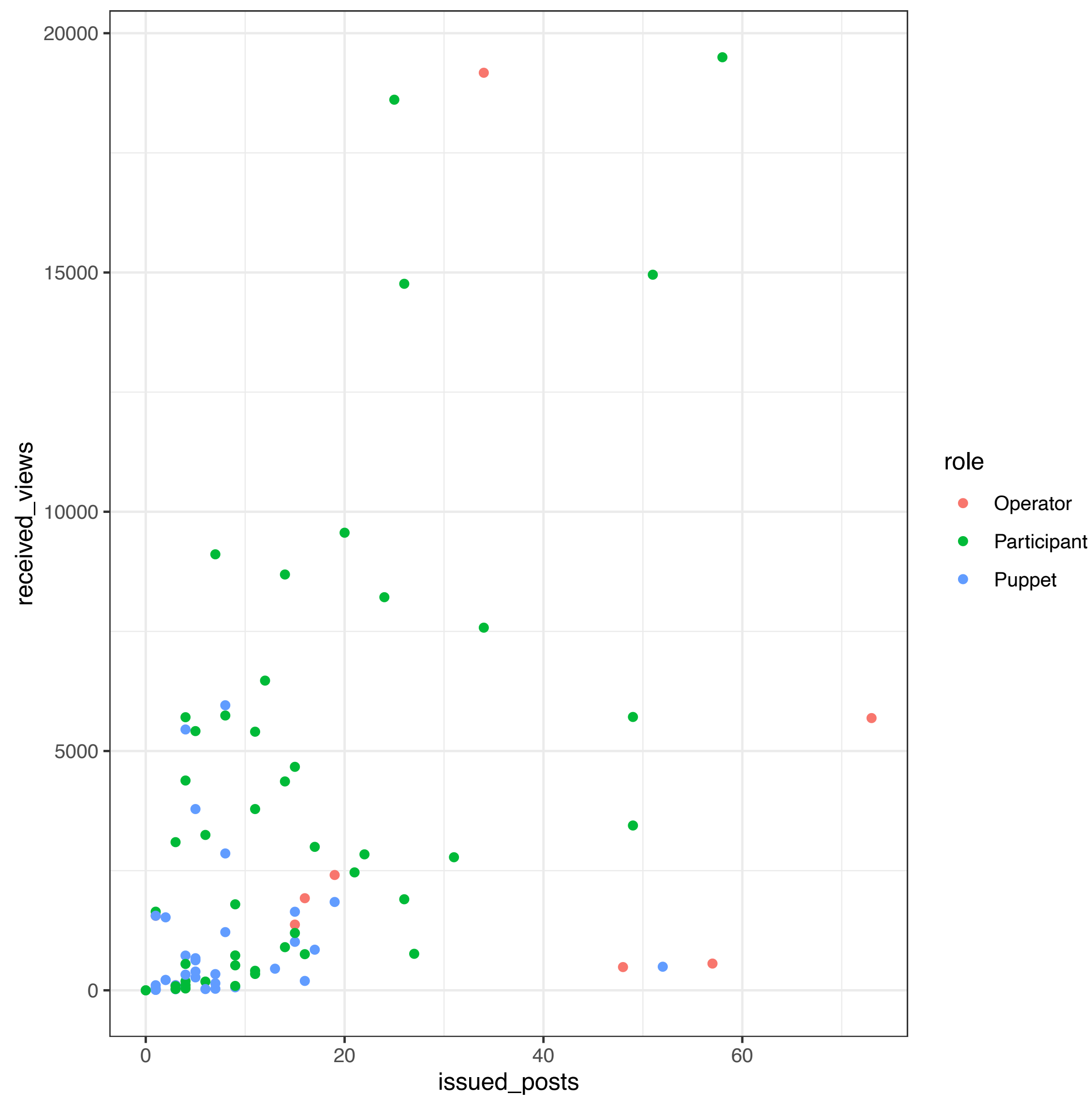


# Views and Posts by Role with Detection

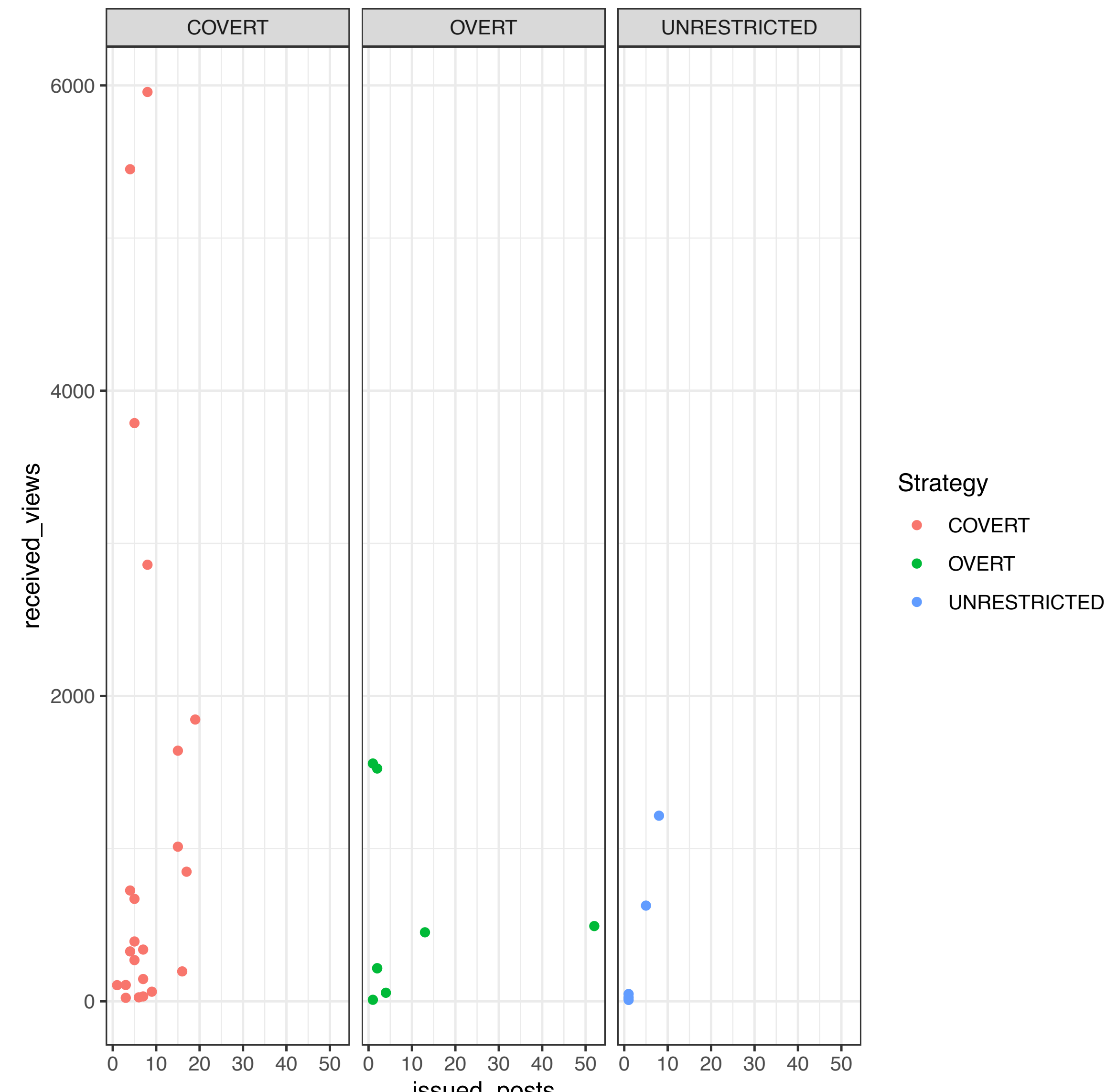
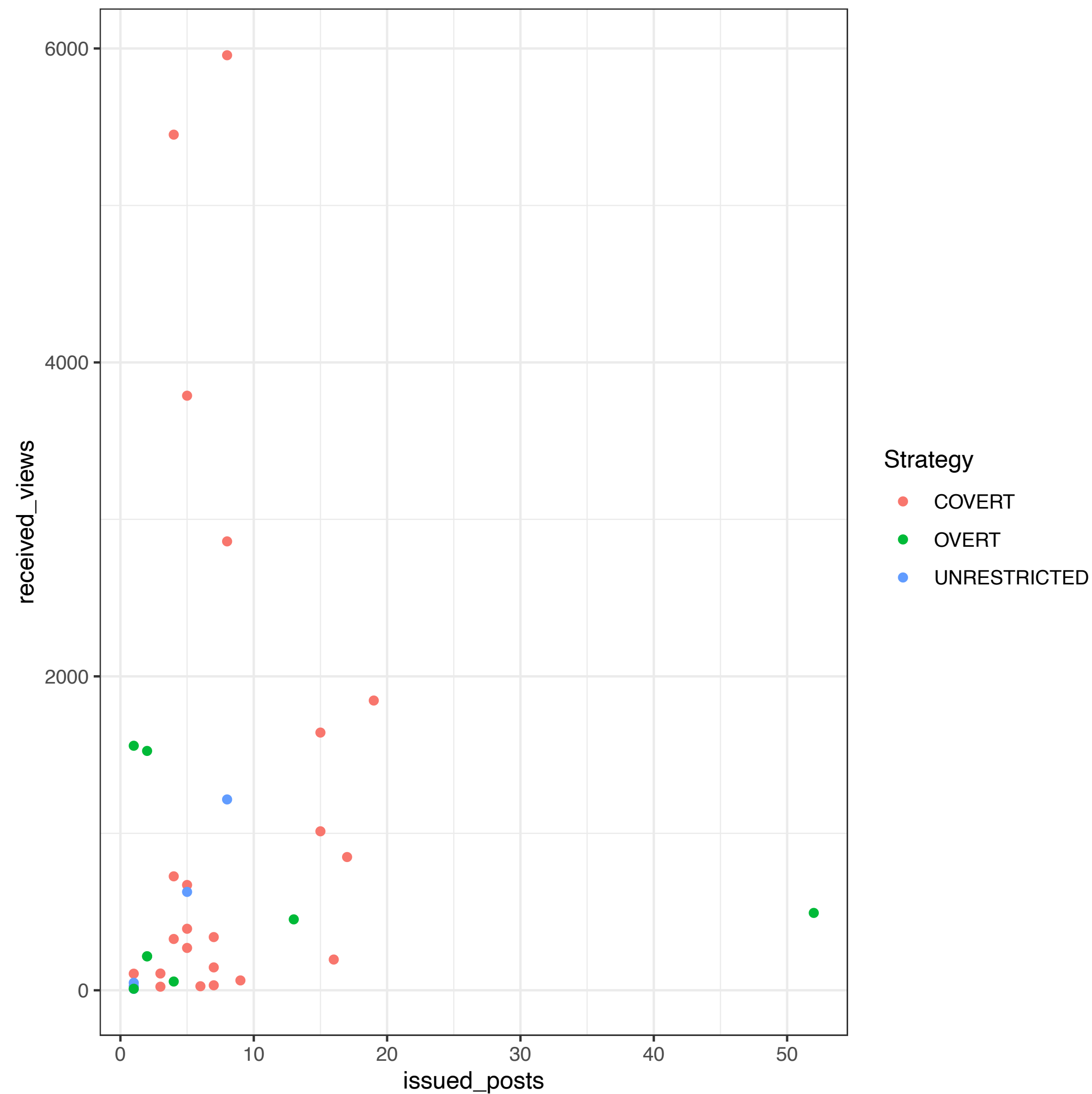




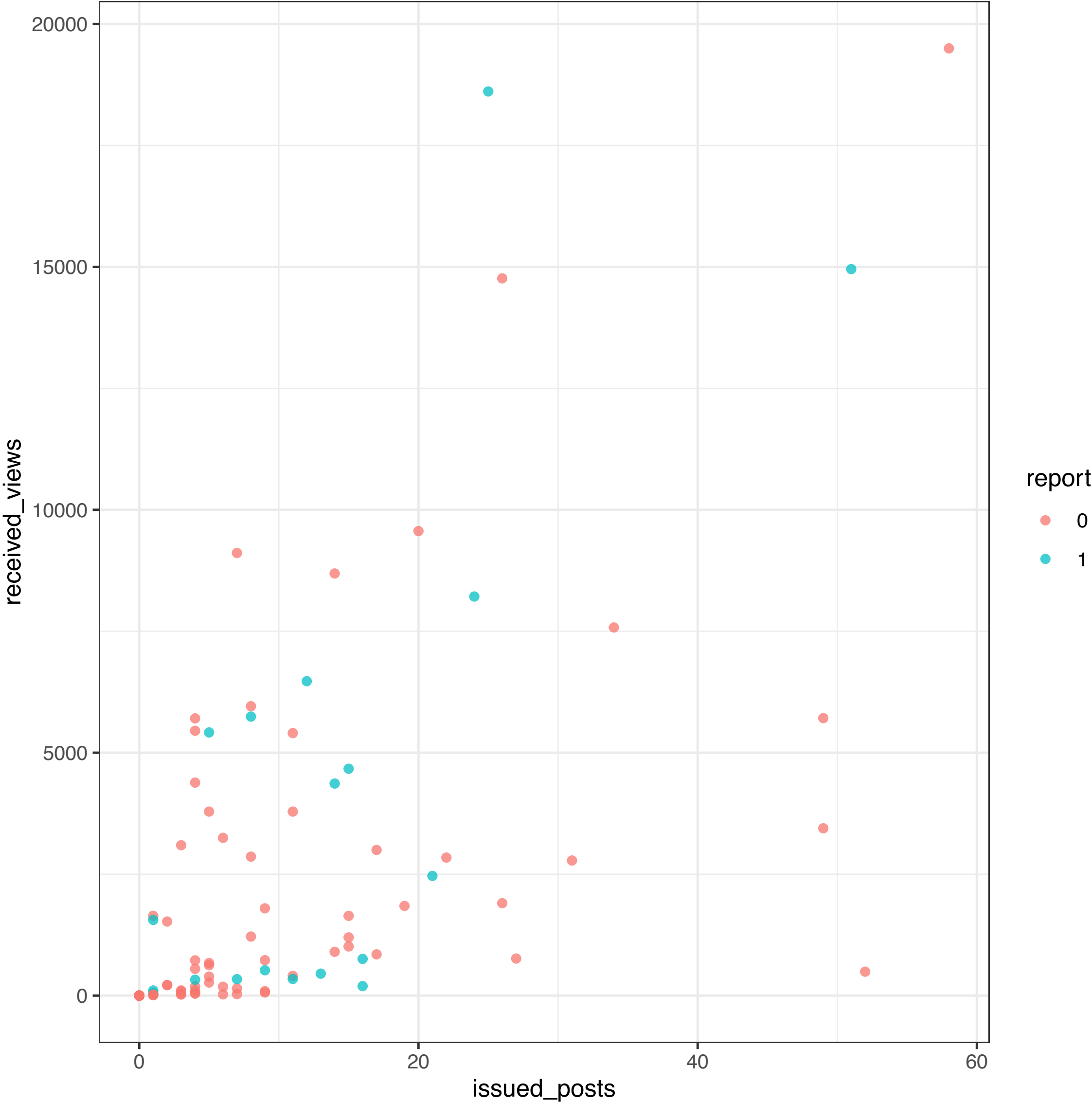
# Views and Posts With Operators



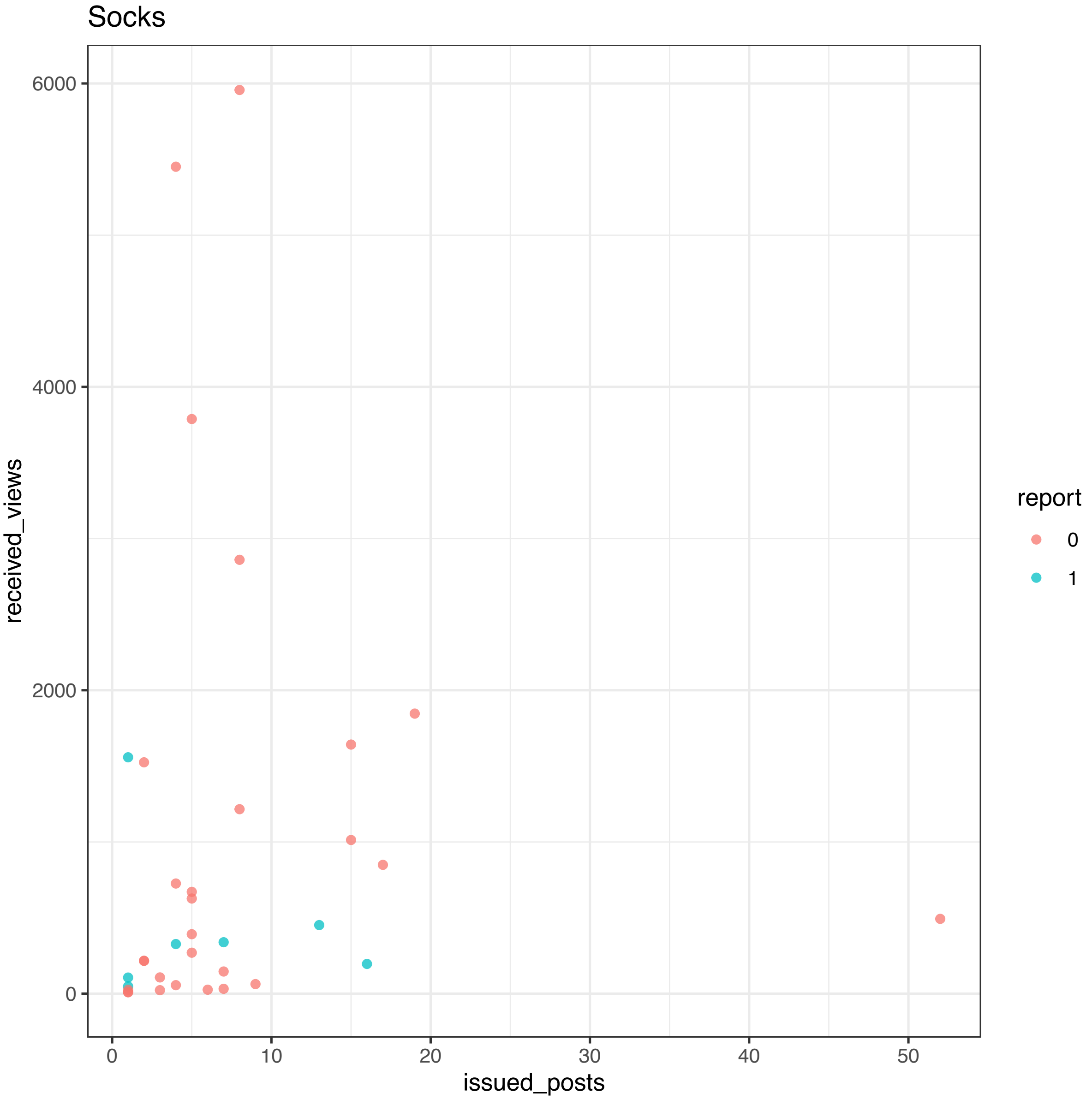
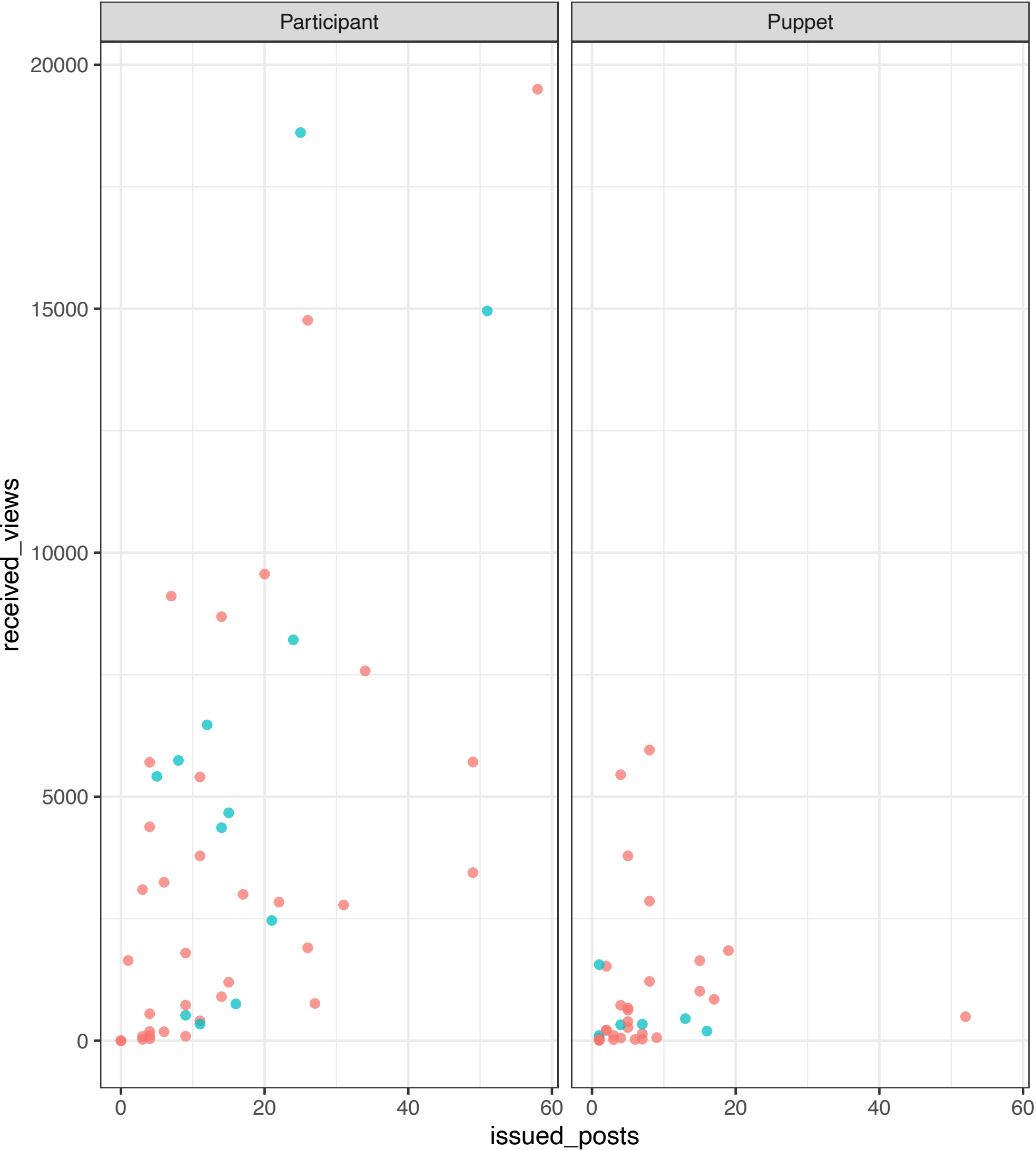
# Post/Views by Sock Strategy



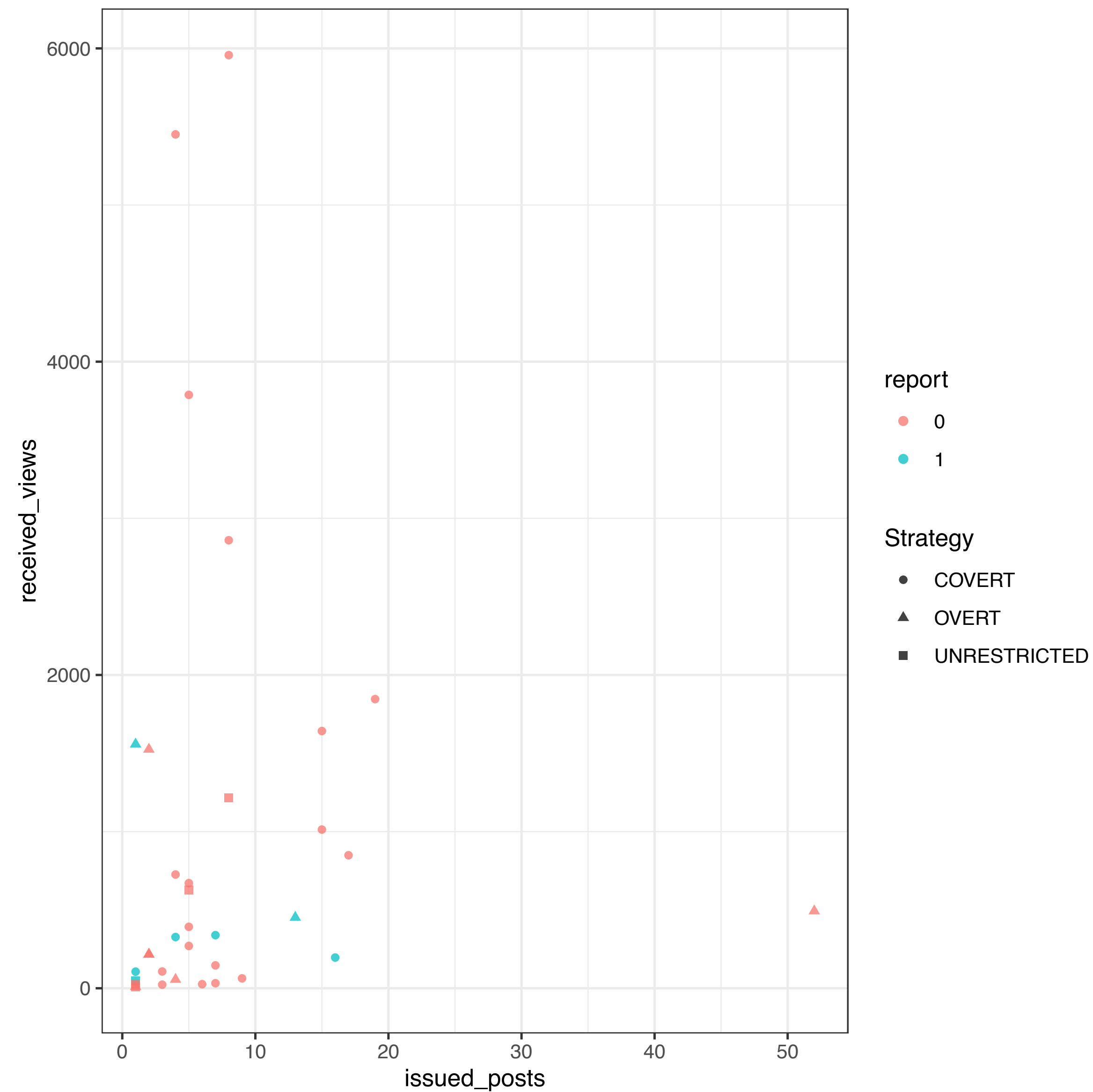
# Reported



# Reported by Role

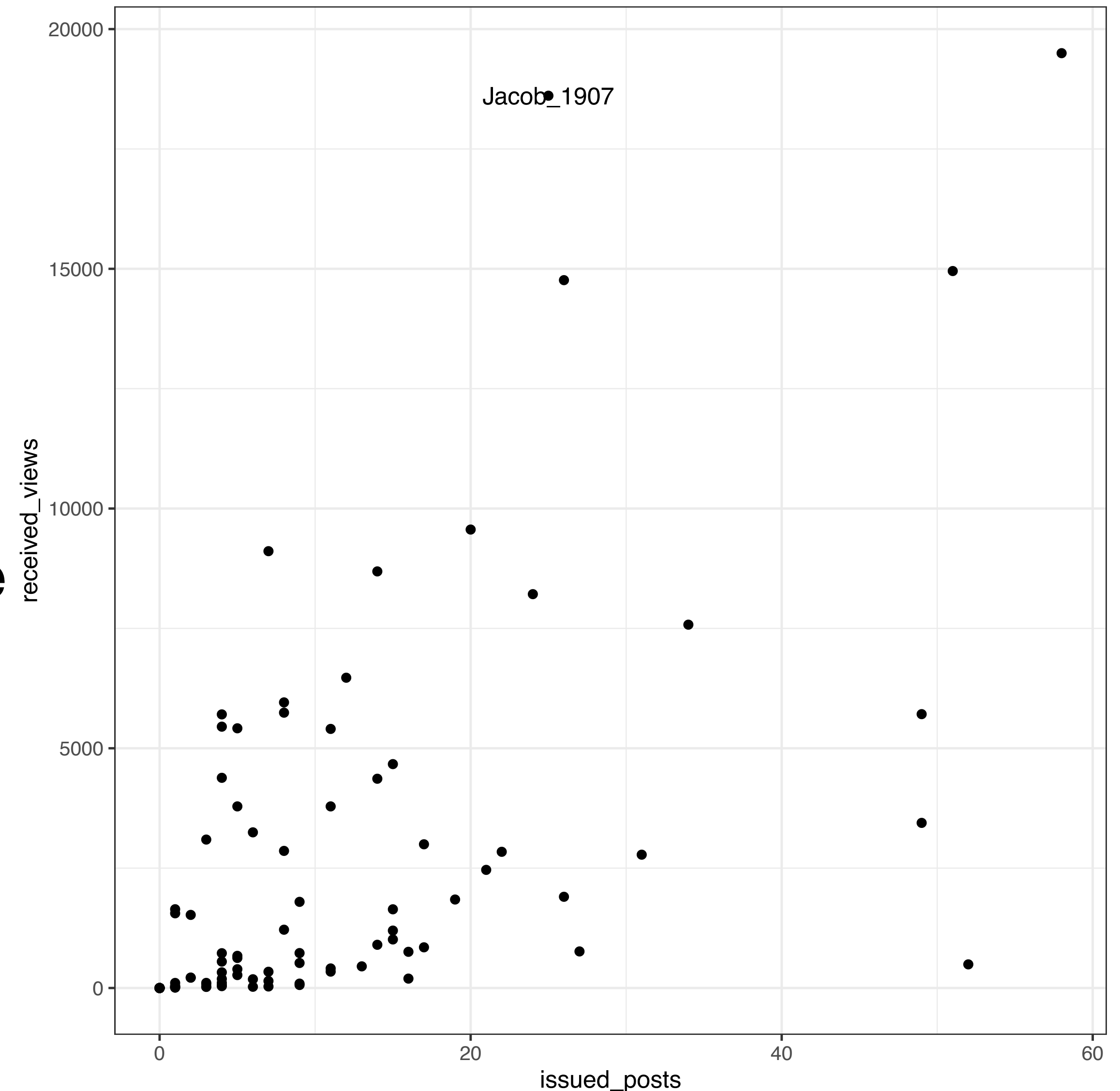


# Report Socks by Strategy



# Highest Viewed Users by Posts

- Reported 17 times
- High views and views per post
- NOT a puppet
- Was the highest before Posts update



# Jacob\_1907 Posts

- 7 posts with over 1000 views
- 84% of his post are commented on (132 comments in total)
- Mostly writes pro-GMO, terrorism
- Some “jokes”/provocation
  - “We MUST save the economy, even at the expense of the environment!”
  - “Will anti-GMO activists oppose male ejaculation too? Because it is essentially \*high-fructose porn syrup.\*”
    - *Three of the four reported posts*

# Activity Level and Discovery (Logit)

Outcomes: reported as a puppet (1-3), being a puppet (4-6)

- Higher posts, post views, comments increase likelihood of being reported, but post views decrease the likelihood of actually being a puppet.
- Odds ratio: Impact of 1 additional post/view/comment on outcome (DV).

	1 (Reported)	2 (Reported)	3 (Reported)	4 (puppet)	5 (puppet)	6 (puppet)
Num. Post	.032**			-0.0099		
Post Views		.0001***			-0.0002**	
Nu. Com			.0632***			-0.009

Odds Ratio	1	2	3	4	5	6
Num. Post	1.033			0.990		
Post Views		1.0001			0.9998	
Nu. Com			1.065			0.991



# Do Socks Report Other Socks?

- No, socks did not report at all