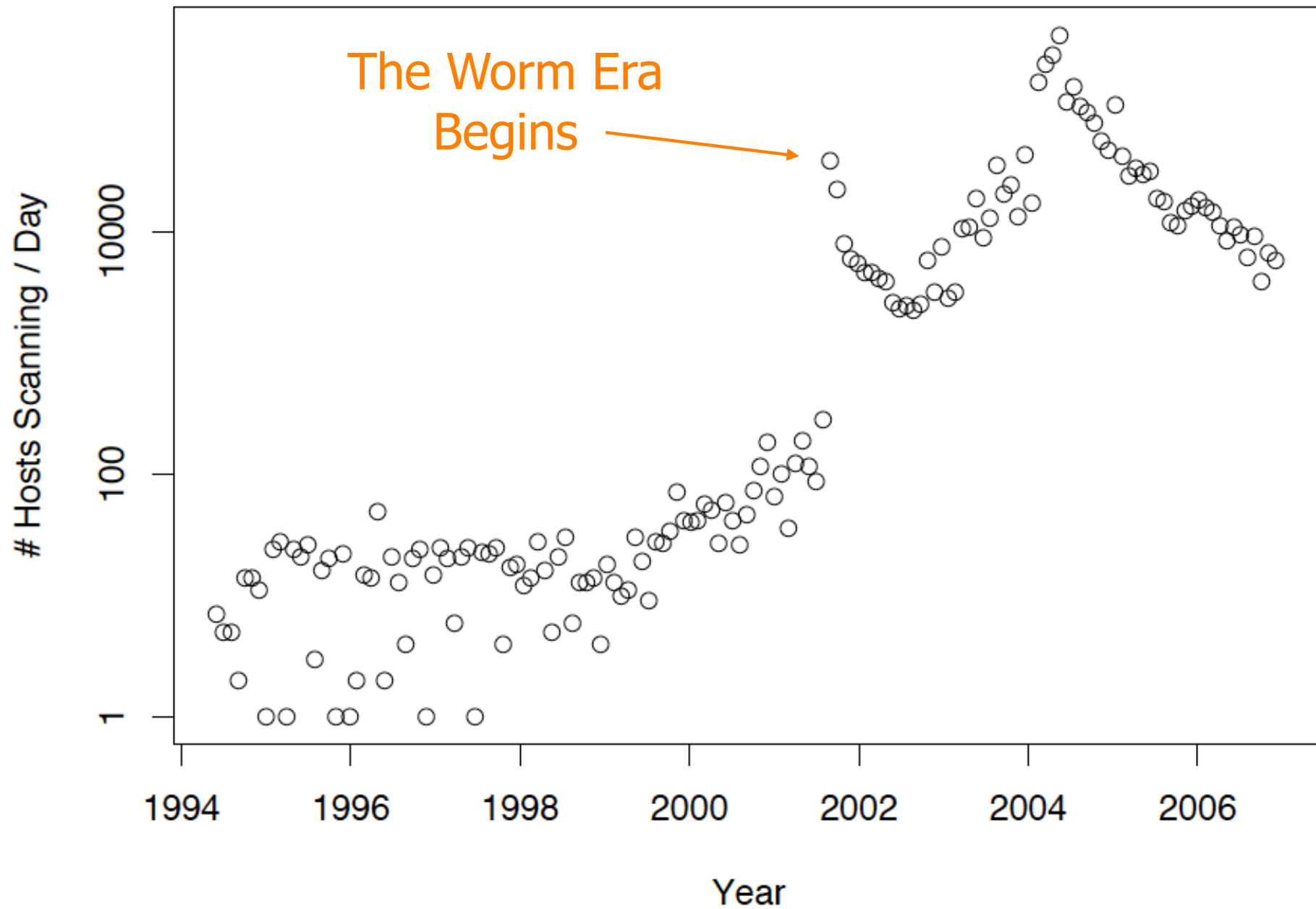
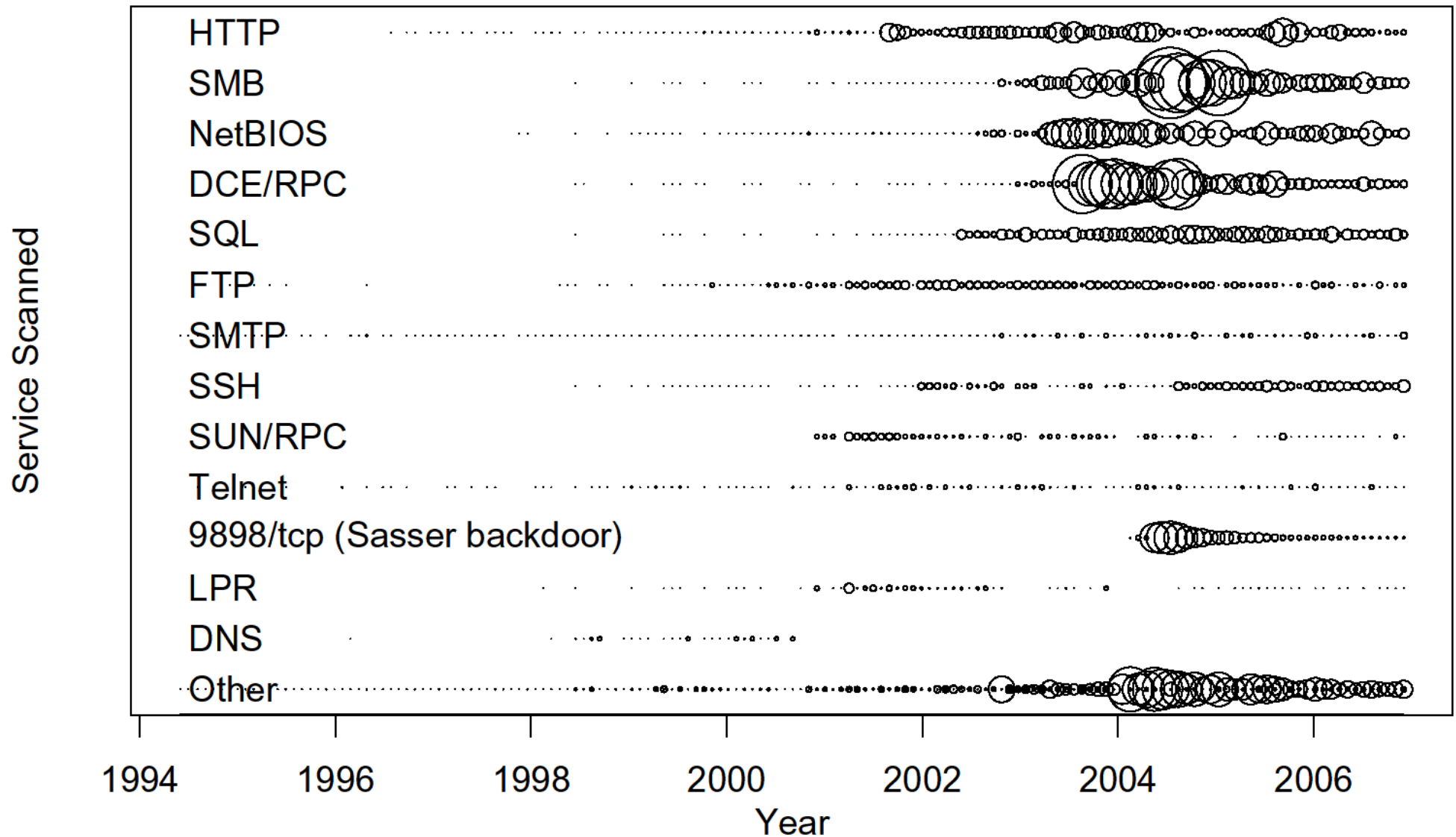


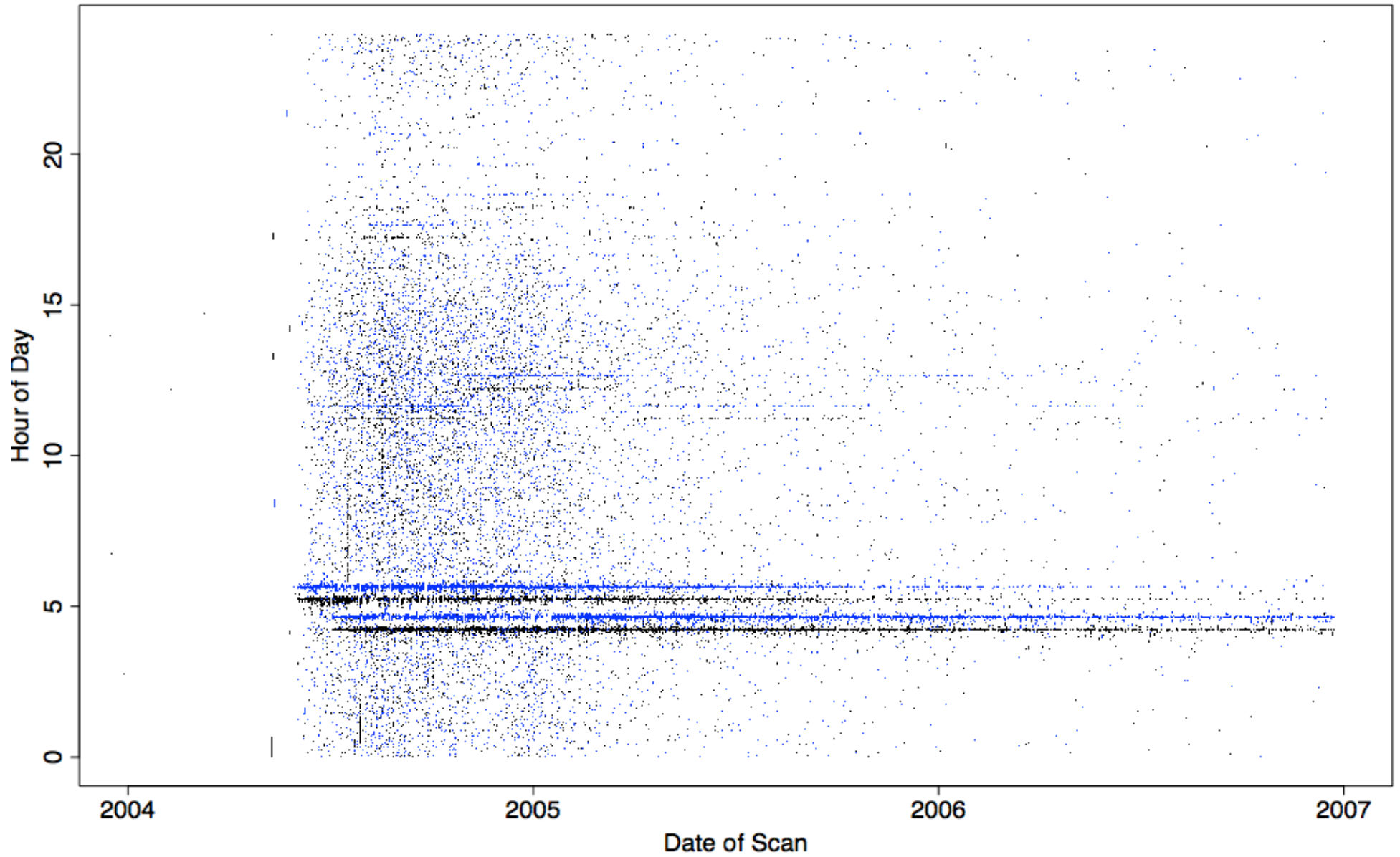
## Scan Activity Seen At LBL



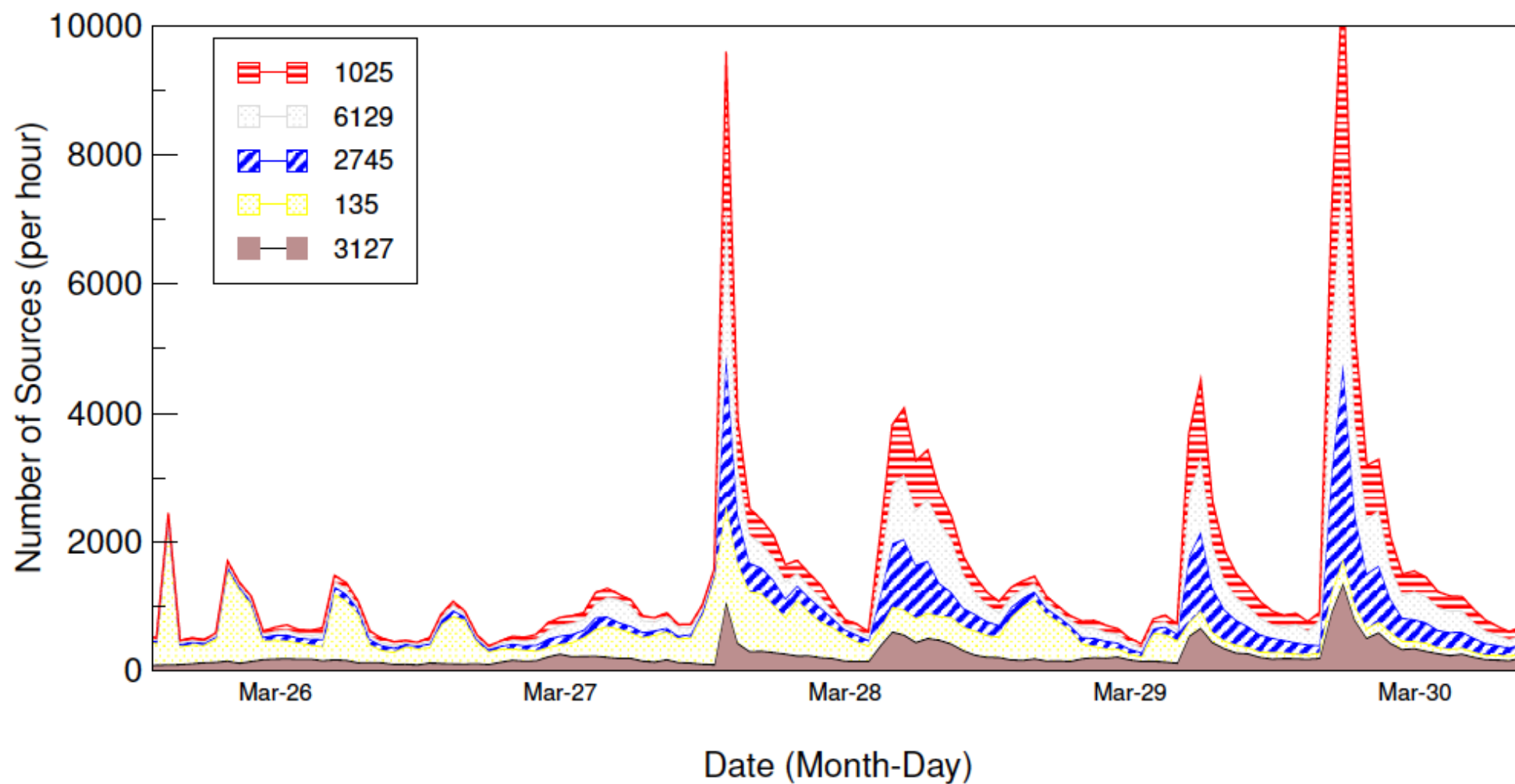
# Services Scanned Over Time



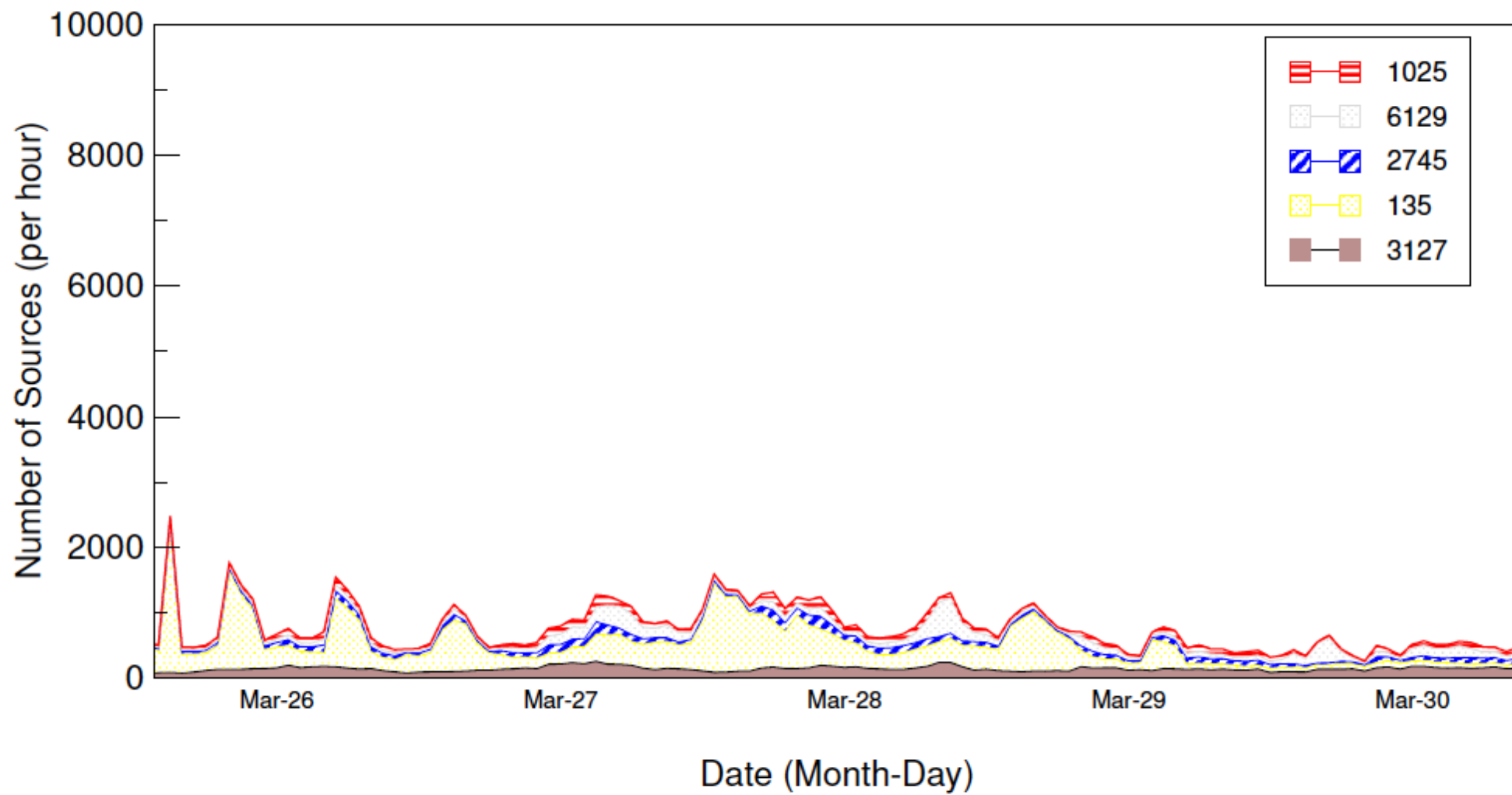
## Daily Patterns Seen in 1023/TCP Scans



/16 at LBL, sampled 1-in-1K  
2nd /16, sampled 1-in-1K



(a) Agobot Sources: UW I



(b) Agobot Sources: UW II

		LBL	ICSI
1	Total inbound connections	15,614,500	161,122
2	Size of local address space	131,836	512
3	Active hosts	5,906	217
4	Total unique remote hosts	190,928	29,528
5	Scanners detected by Bro	122	7
6	HTTP worms	37	69
7	<code>other_bad</code>	74,383	15
8	<i>remainder</i>	116,386	29,437

Table 1. Summary of datasets



# MAP OF THE INTERNET

THE IPv4 SPACE, 2011

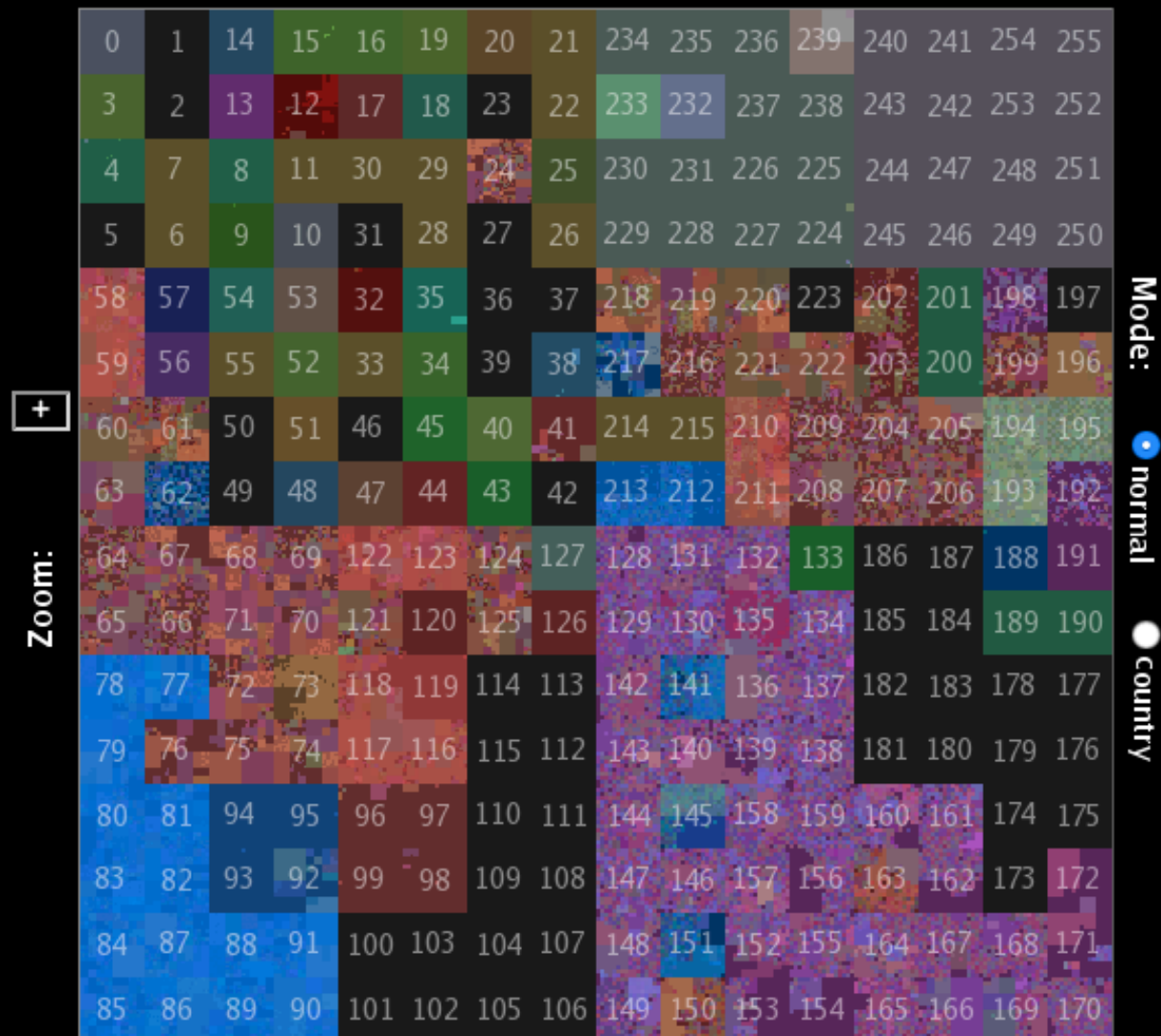


# IPv4:

You are looking at the entire network. Each number on the map represents the n/8 subnet under it.

Zoom on the left to see a higher or lower subnet. Change the color coding mode on the right (currently colors represent organizations in the rows below).

Click on a point or enter an IP address or hostname in the box to get information about that IP and its networks. Leave it blank to see where you are.



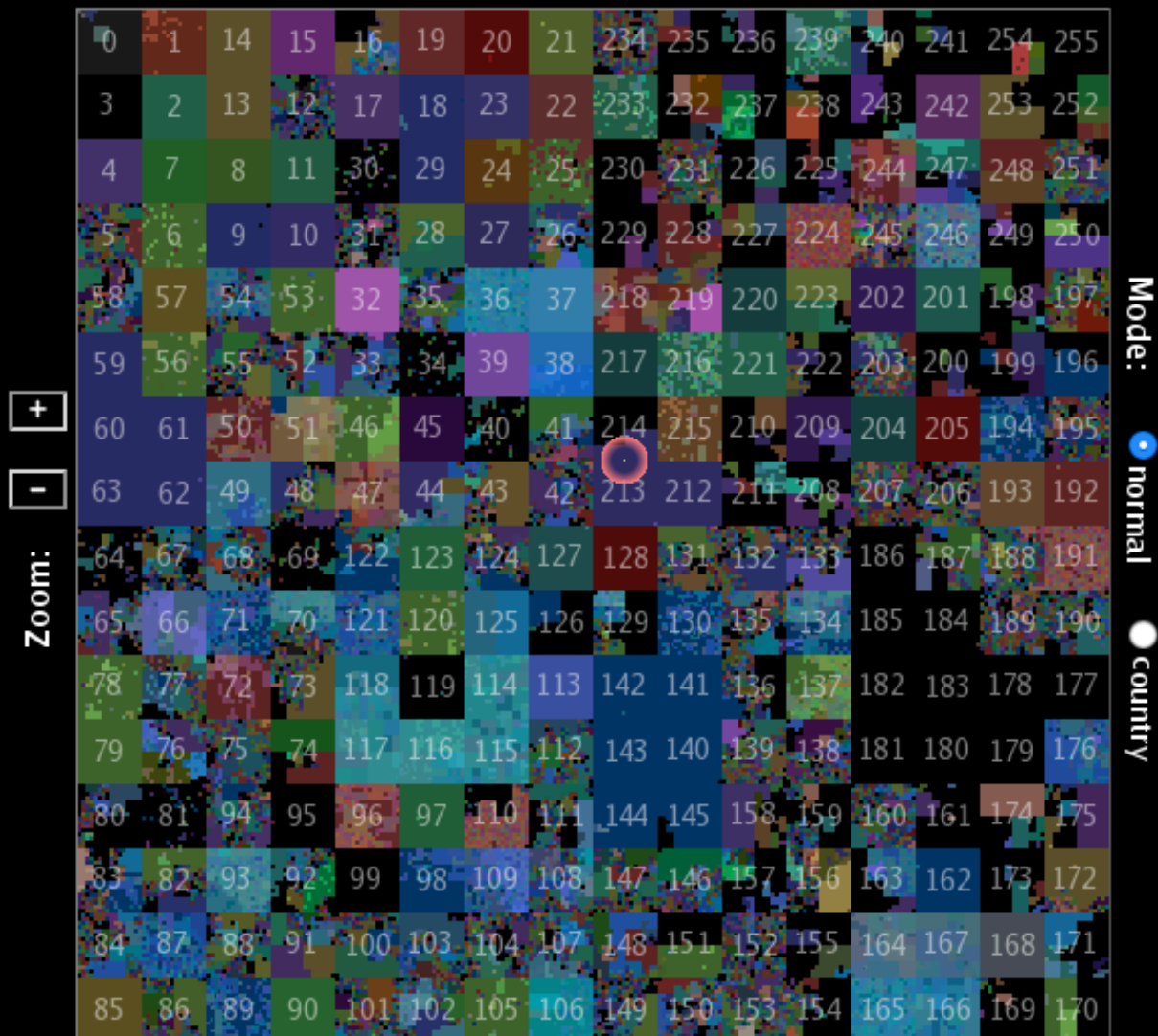


# IPv4:192.

You are looking at the 192/8 network. Each number on the map represents the 192.n/16 subnet under it.

Zoom on the left to see a higher or lower subnet. Change the color coding mode on the right (currently colors represent organizations in the rows below).

Click on a point or enter an IP address or hostname in the box to get information about that IP and its networks. Leave it blank to see where you are.



# GQ: Building a Large-Scale *Honeyfarm*

- *Honeyfarm*: use a network telescope to route scan traffic to a set of honeypots
- Goal: scale to 100,000s of monitored addresses ...
- ... at high fidelity

