

RIPEstat Update

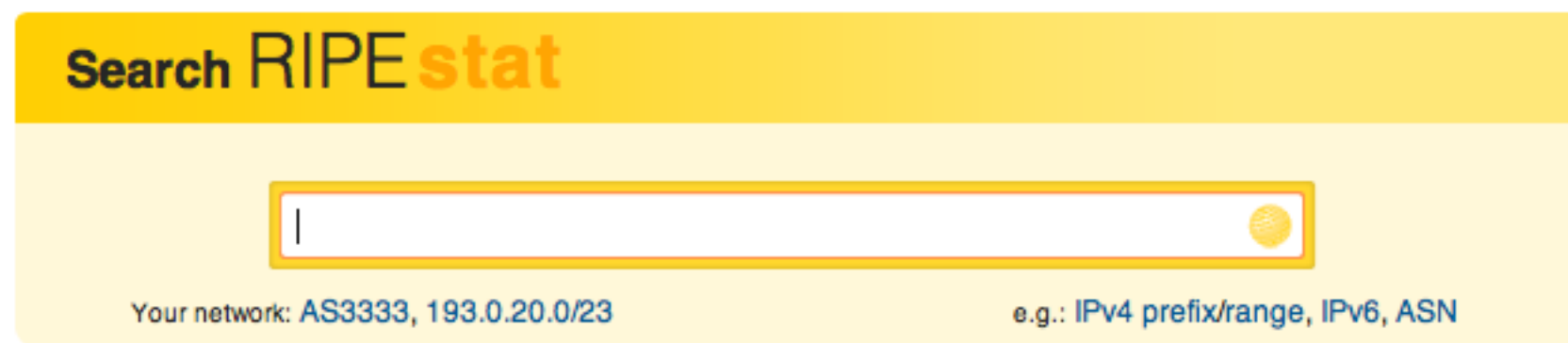
MAT-WG, RIPE67, Athens, October 2013

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RIPEstat Introduction

- stat.ripe.net is “one-stop shop” for all information about Internet number resources
 - RIPE NCC: registration data and whois, routing (RIS), reverse DNS, RIPE Atlas measurements
 - External sources: IRR, RIR stats, geolocation, blacklists, M-Labs network activity

A screenshot of the RIPEstat search interface. It features a yellow header with the text "Search RIPEstat". Below the header is a search input field with a magnifying glass icon on the right. Underneath the input field, there is a line of text that reads "Your network: AS3333, 193.0.20.0/23" and another line that reads "e.g.: IPv4 prefix/range, IPv6, ASN".

Search RIPEstat

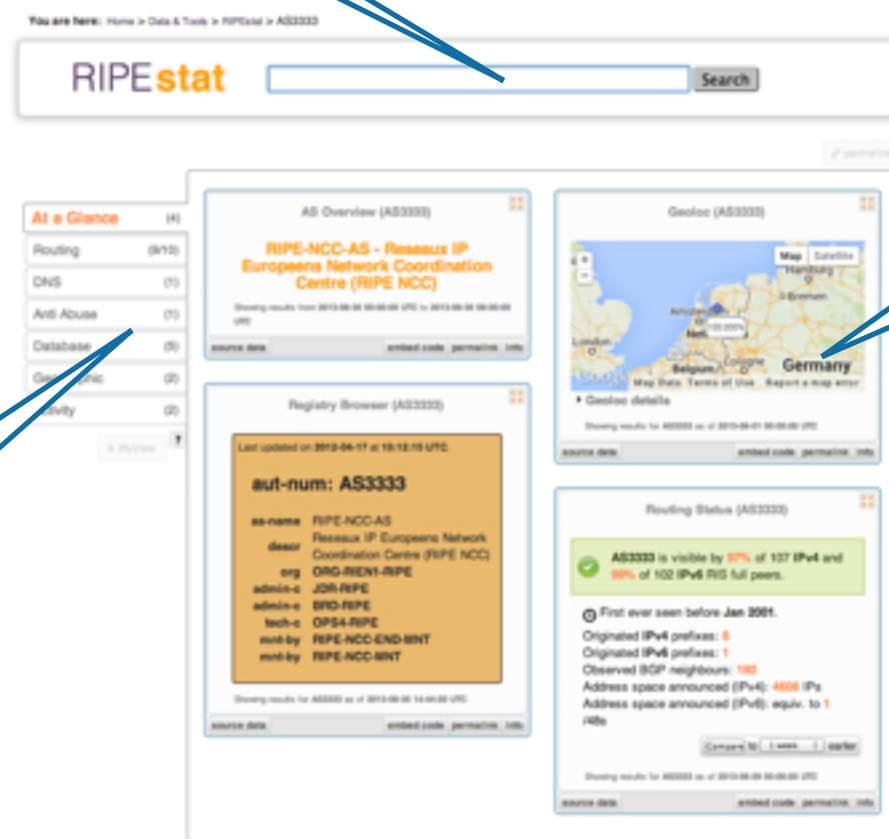
Your network: AS3333, 193.0.20.0/23 e.g.: IPv4 prefix/range, IPv6, ASN

Web Interface Query: Results Page

Search box

Widgets

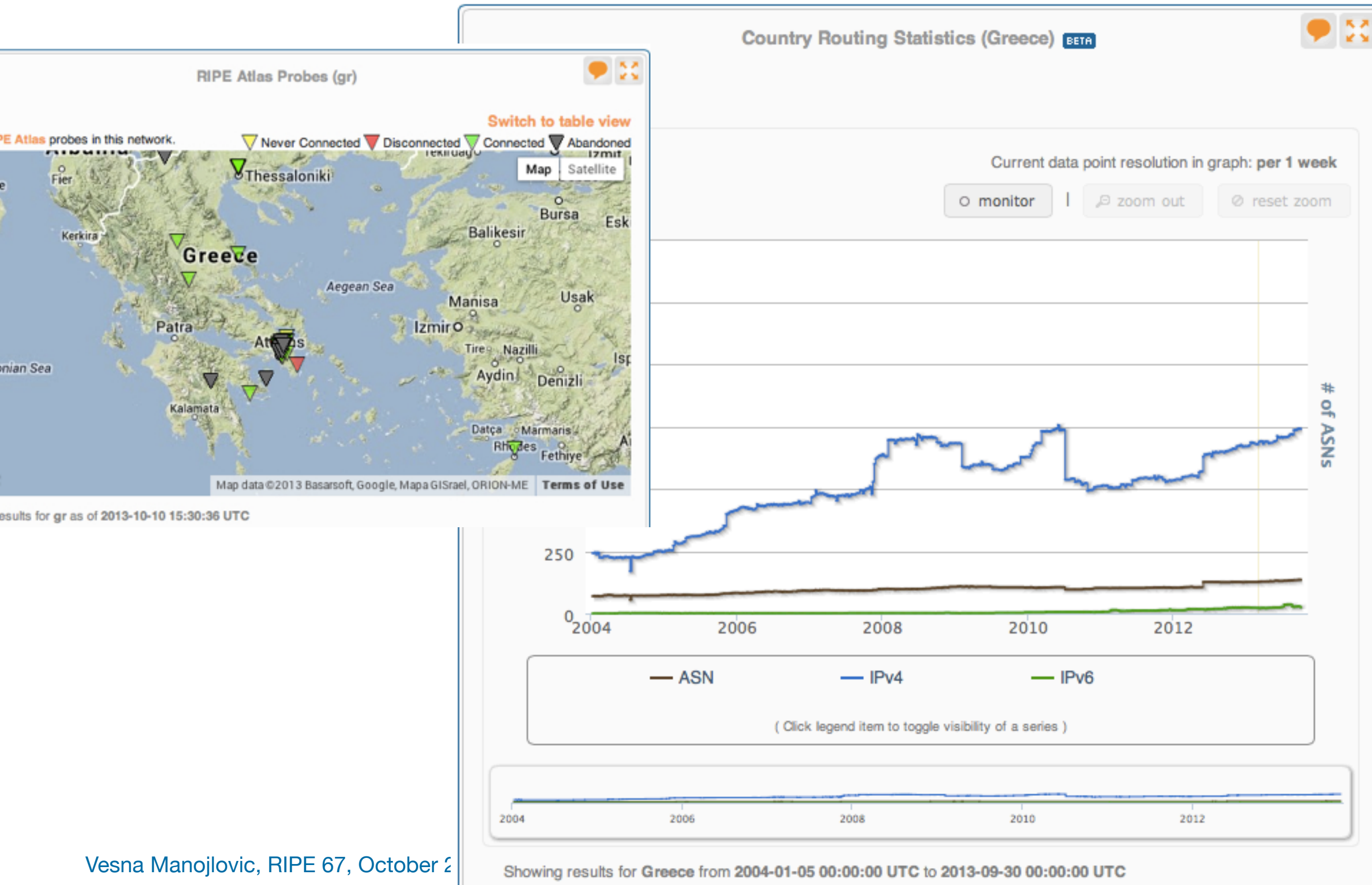
Widgets
grouped into
thematic tabs



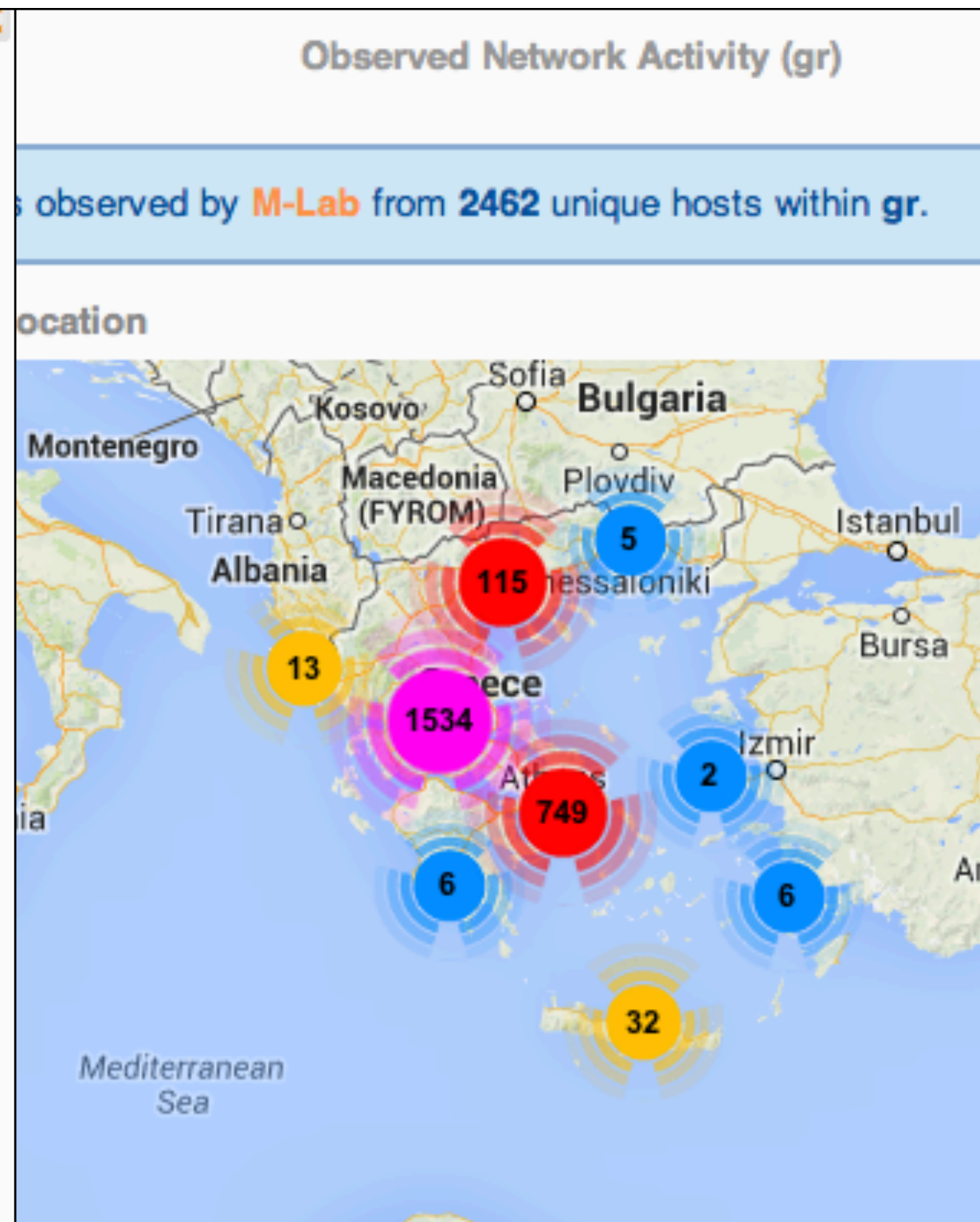
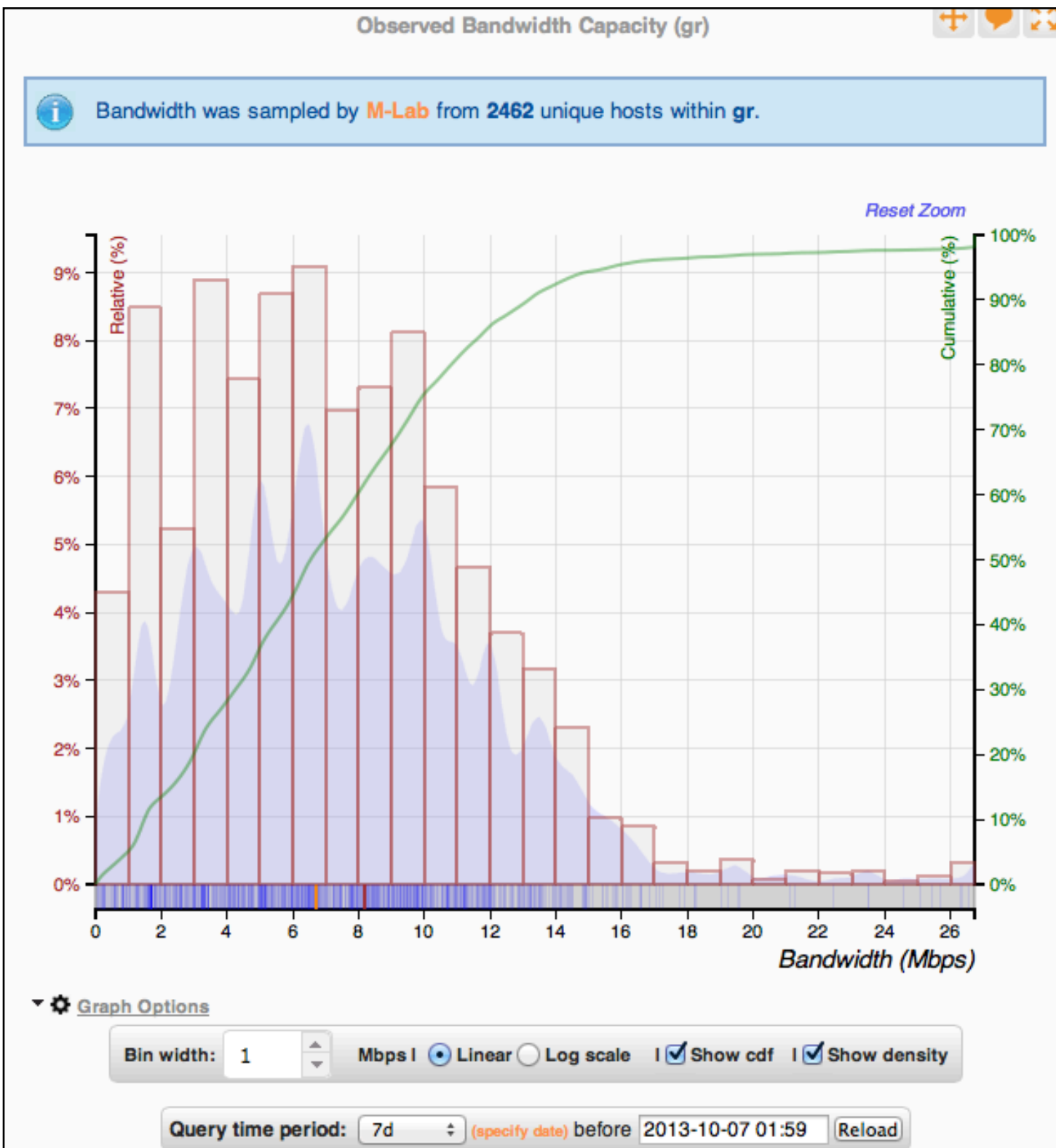
RIPEstat Data and Interfaces

- Search by: IPv4, IPv6 and AS number; hostname, country
- Web, widgets, data API, text service, mobile app
- Other features:
 - BGPlay2
 - Abuse Finder
 - Customisable “My Views”
 - History view for RIPE NCC members / LIRs
 - Embed widgets on your site

Greece as Seen From RIPEstat



M-Labs Data for Greece

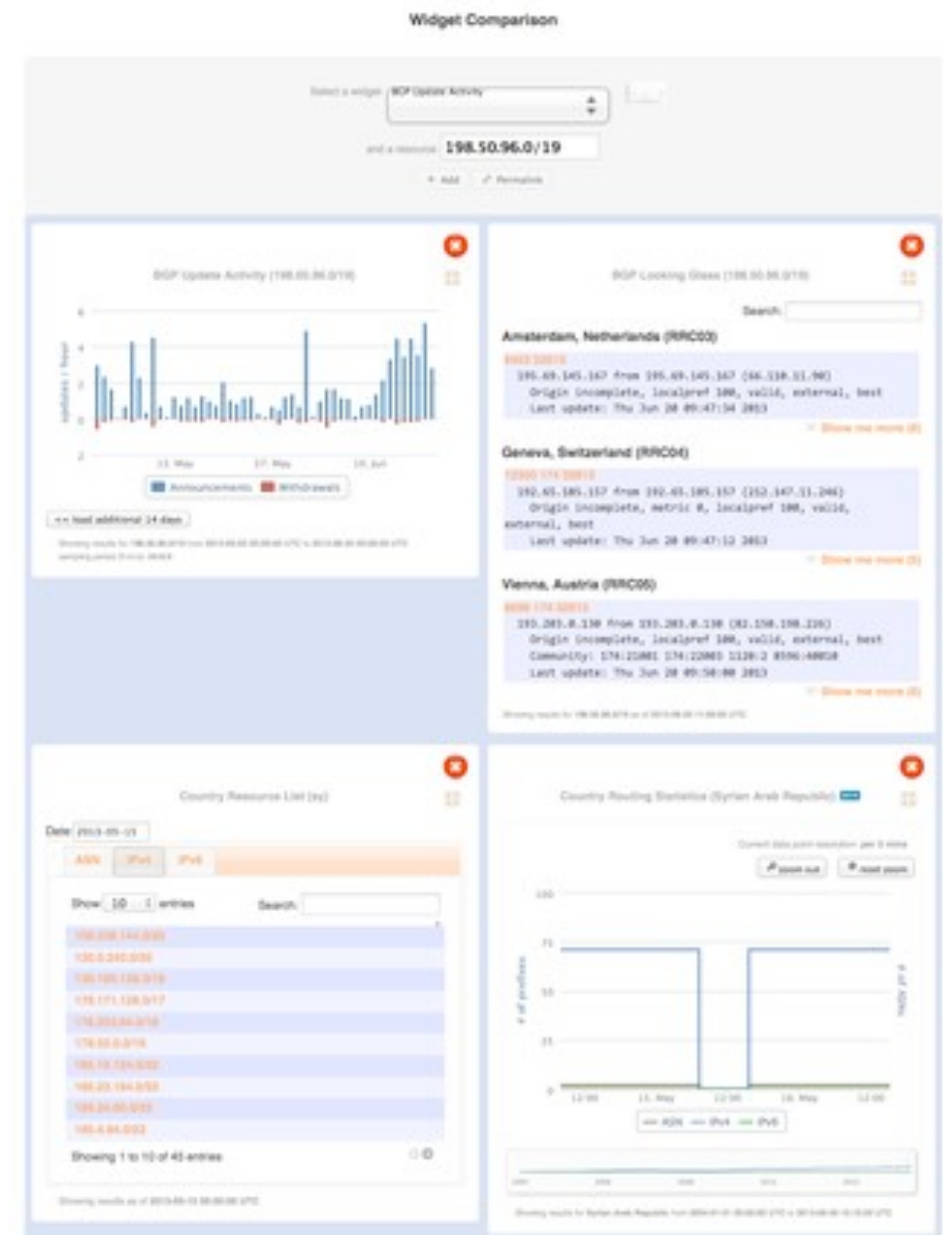
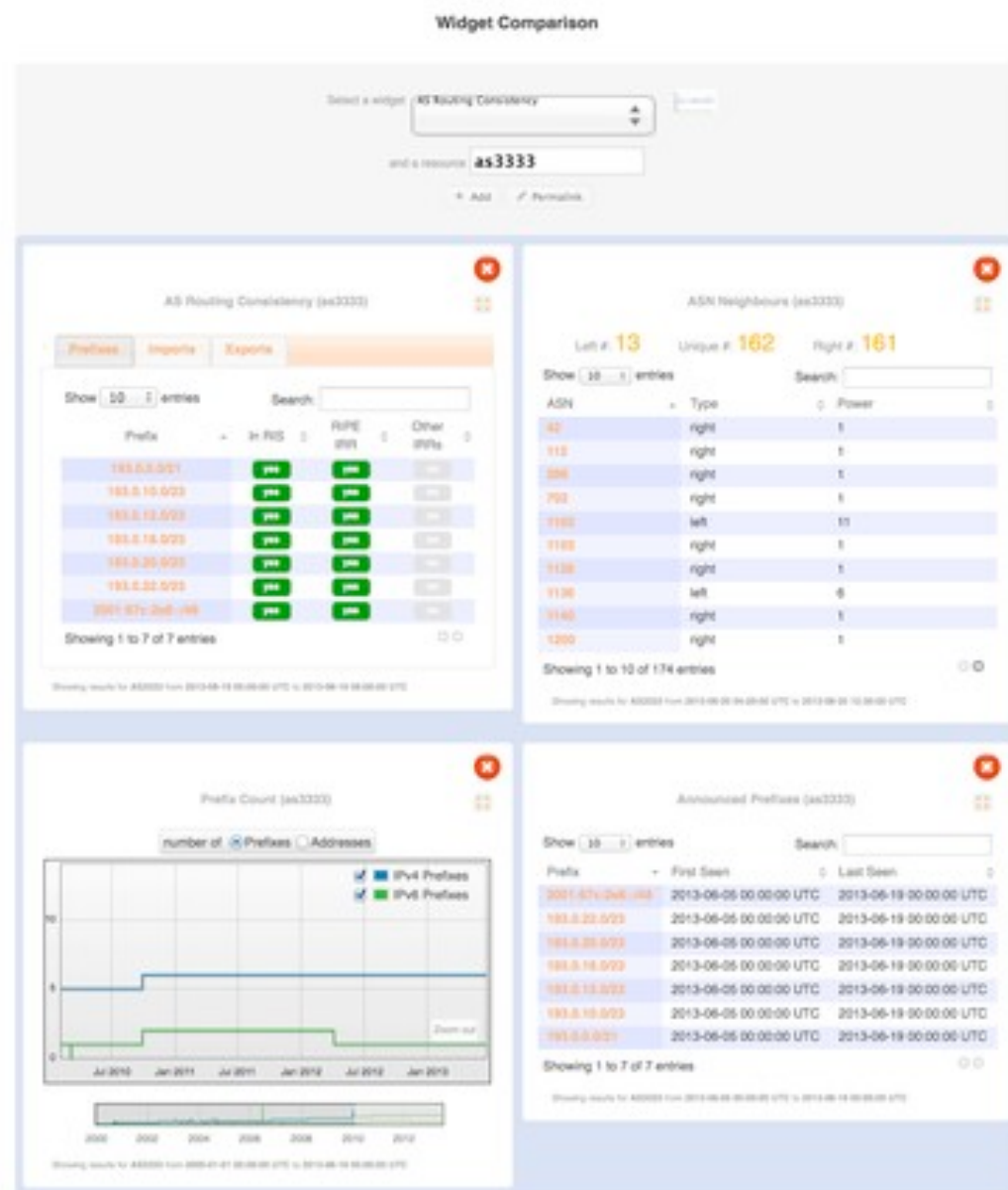


News Since RIPE66

- Multiple Widget and Resource Comparison
- In-widget Comparison and Monitoring
- Visualising Bandwidth Capacity and Network Activity Using M-Lab Data
- Old RIS interfaces replaced by RIPEstat
- Tighter integration with RIPE Atlas
 - zoomable ping graph, seismograph

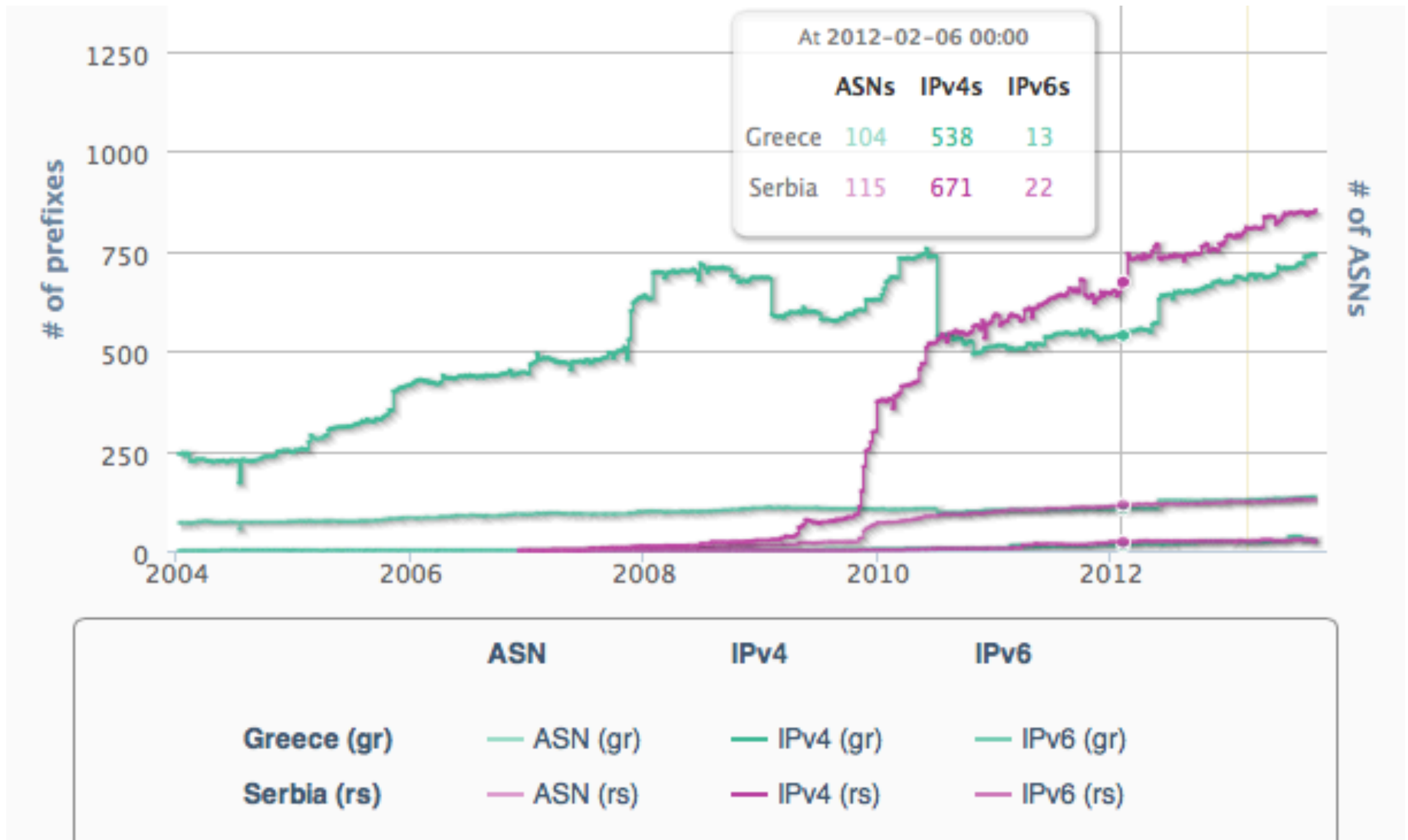
Use Cases for Comparing Multiple Widgets

- Making peering decisions
- Country outage

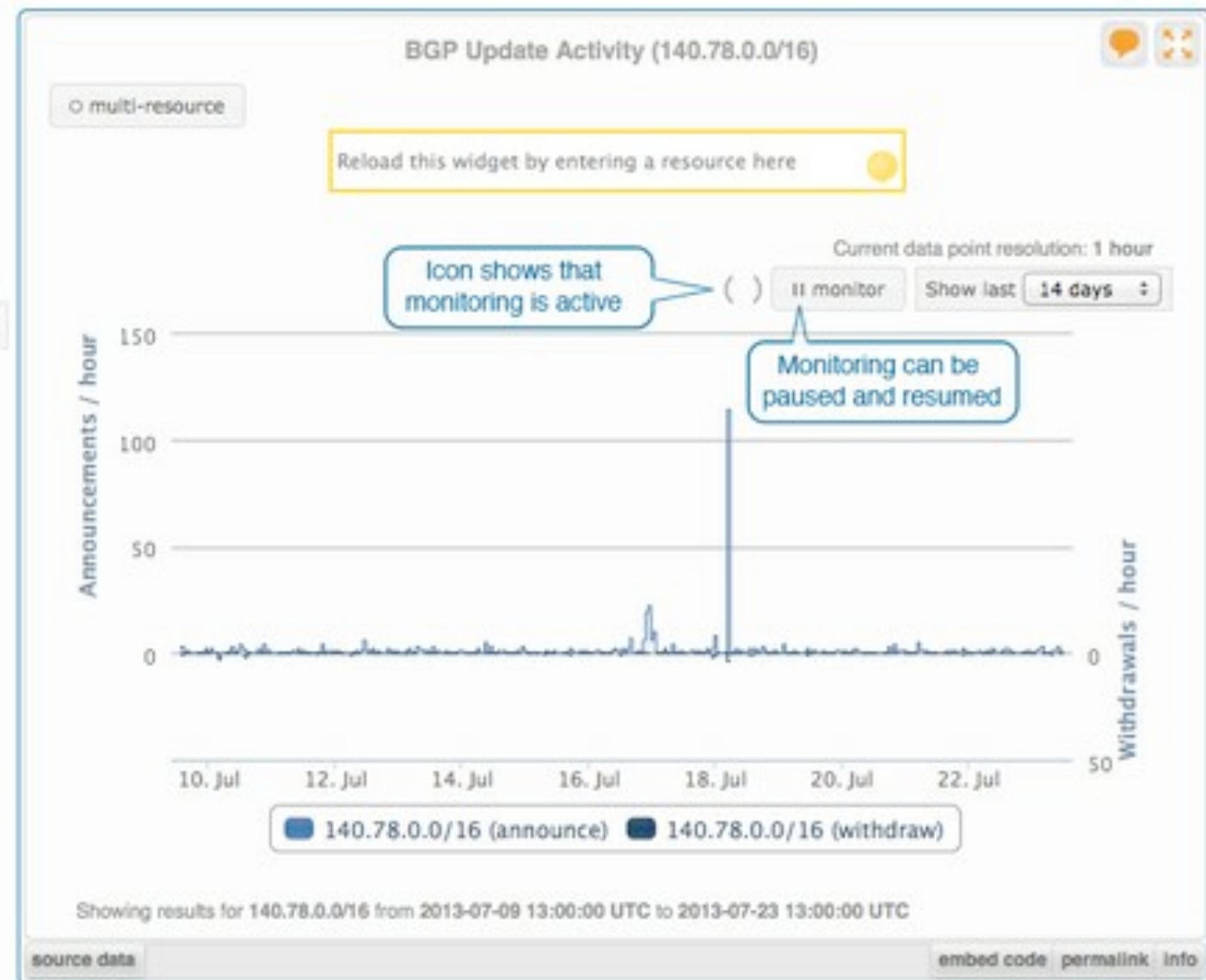
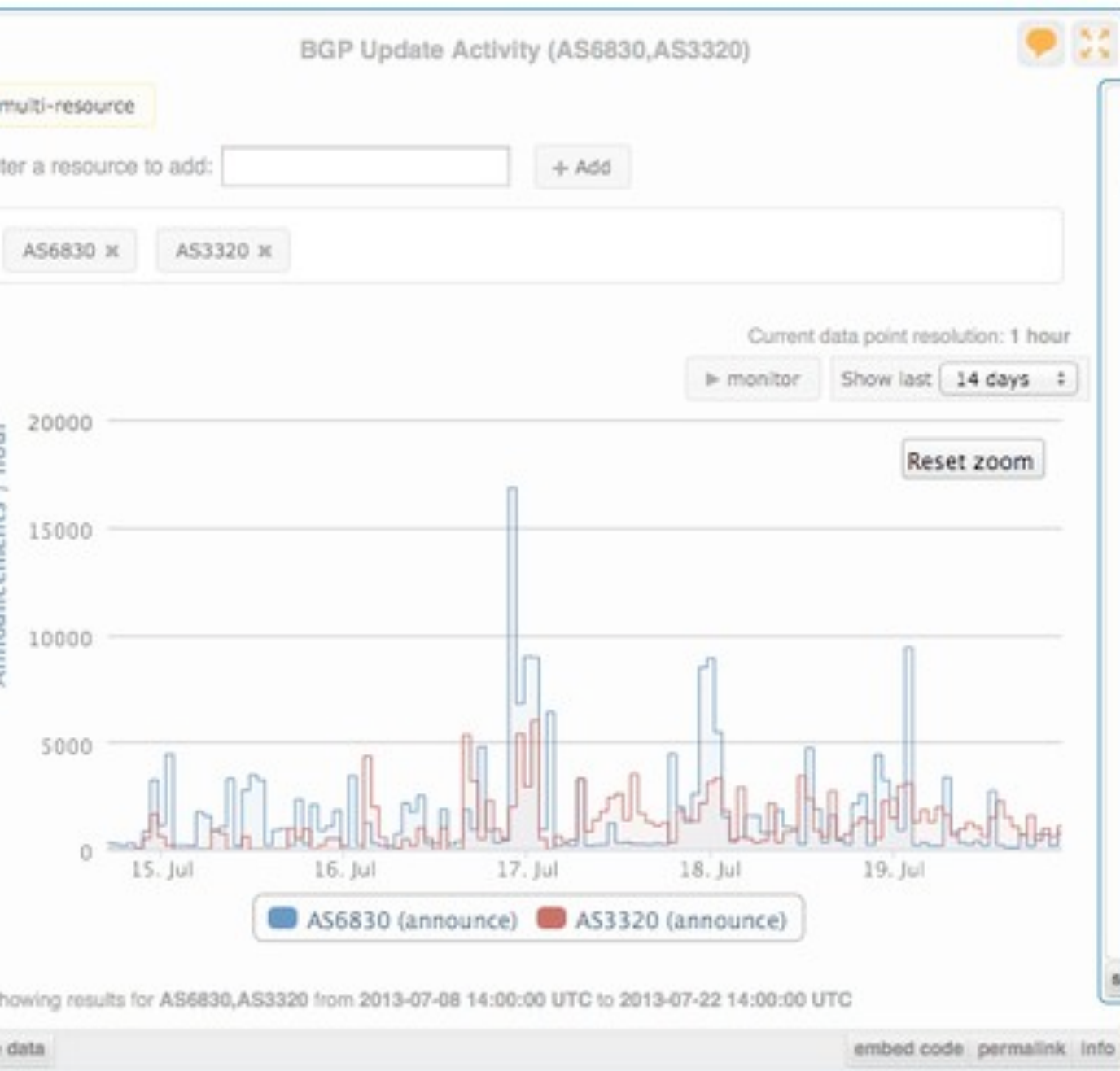


https://labs.ripe.net/Members/suzanne_taylor_muzzin/ripestats-multiple-widget-and-resource-comparison

In-widget Comparison: Greece & Serbia



BGP Comparison and Monitoring



Plans for the Future

- Integrating DNSMON to RIPEstat and RIPE Atlas
- Migrating RIS dashboard features to RIPEstat
- Adding notable events to BGPlay2
- Improving backend stability to enable resilience of current services and scaling for future growth
- Increasing data quality and consistency
- Tell us your feature requests:
 - **<http://roadmap.ripe.net/ripe-stat/>**

RIPEstat Contact Information

- <https://stat.ripe.net>
- Mailing List: **mat-wg@ripe.net**
- Articles and updates on RIPE Labs:
 - **<https://labs.ripe.net/ripestat>**
- Questions: **stat@ripe.net**
- Twitter: **#RIPEstat**
- Community Builder, Vesna Manojlovic:
@Ms_Measurements

Questions?

