



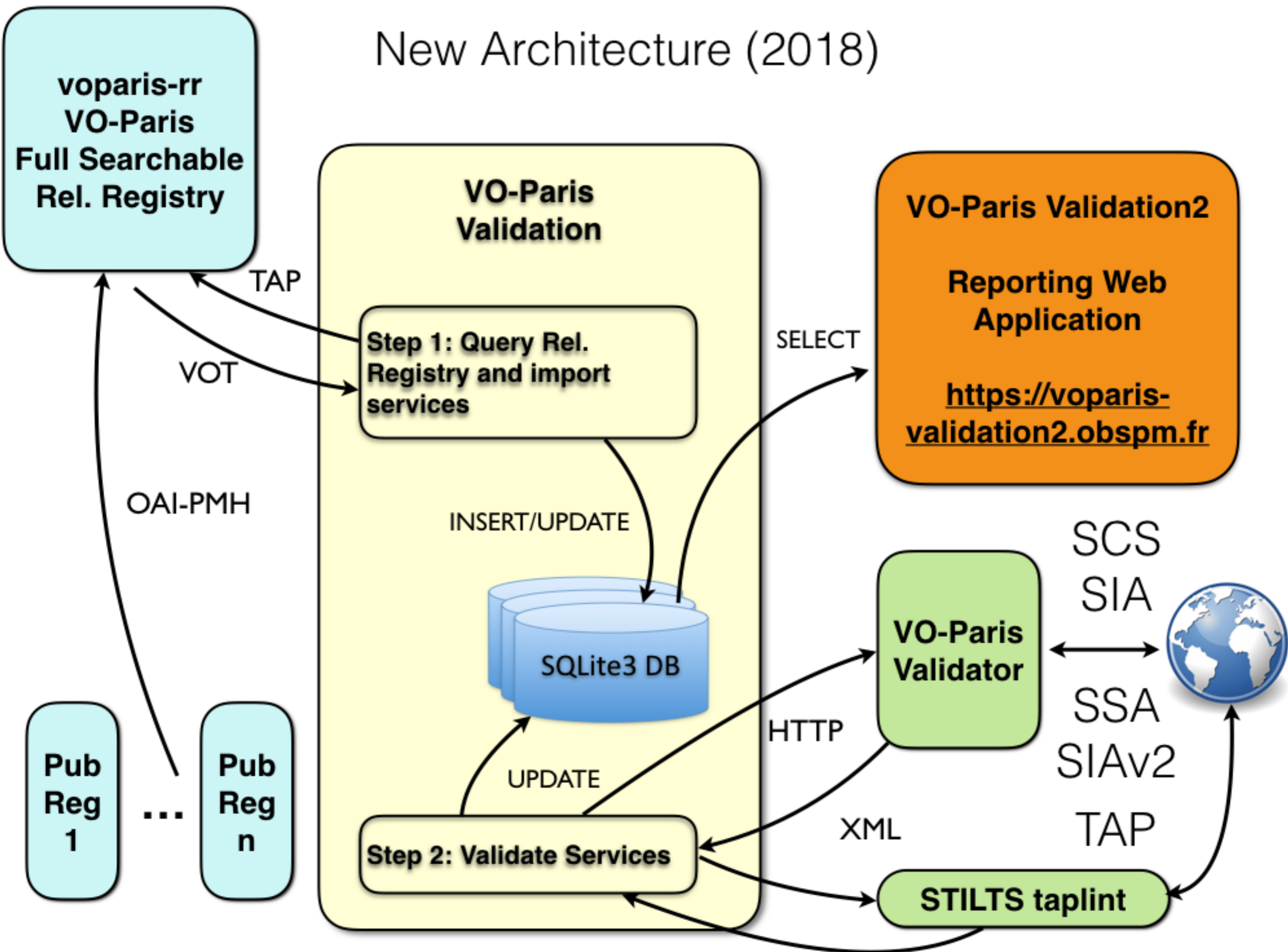
VO-Paris Registry Weather Report

Renaud Savalle and Pierre Le Sidaner

PADC, Observatoire de Paris, France

IVOA Interop - Washington - 2018-11 - IG Operations

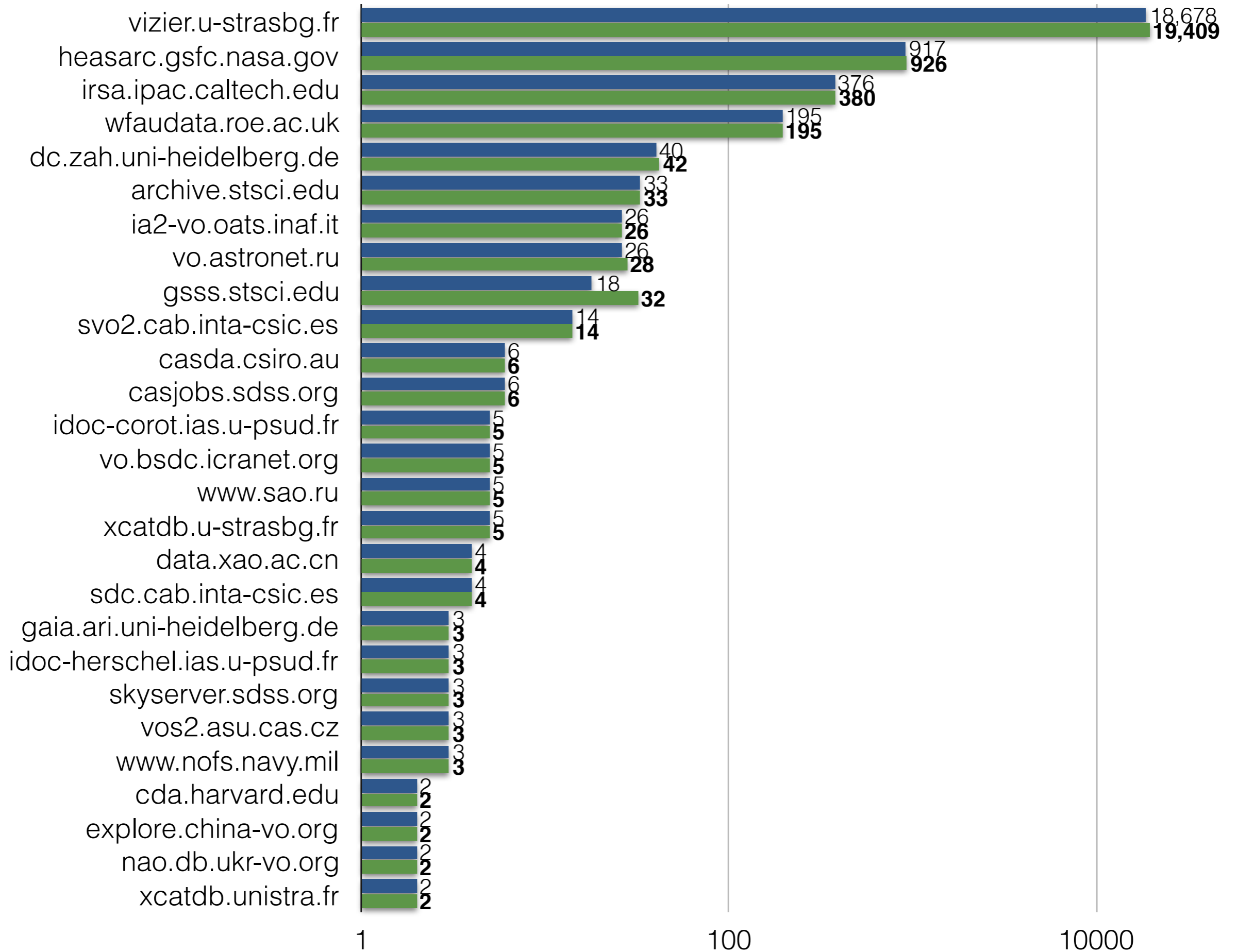
New Architecture (2018)



CS Servers (having more than 1 CS service)

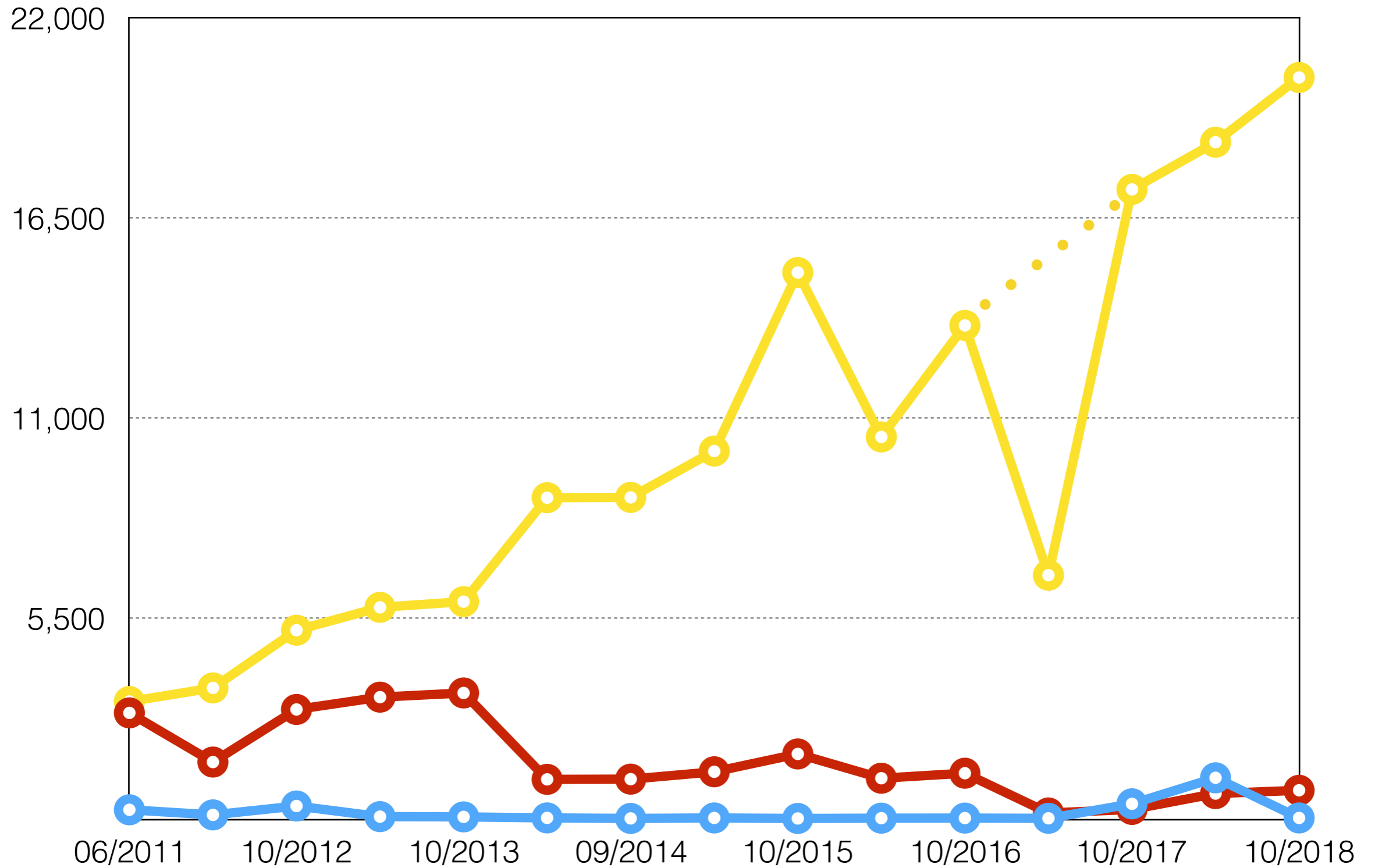
■ Nb Services 2018-05

■ Nb Services 2018-10



CS History

Not Respond. Error Valid



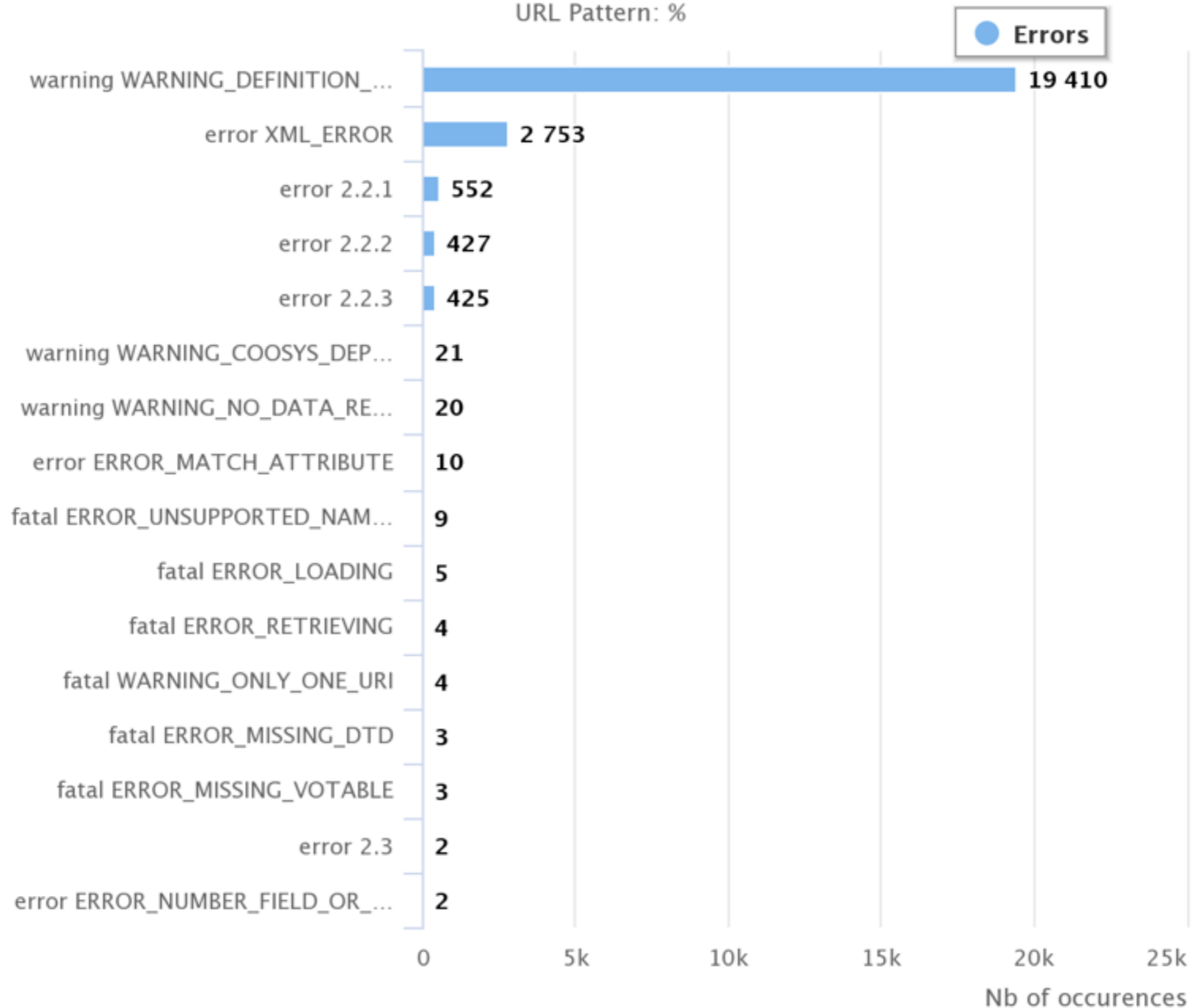
Frequency of errors

Service Type: ConeSearch

Validation Date >= 2018-10-24

IVOID Pattern: %

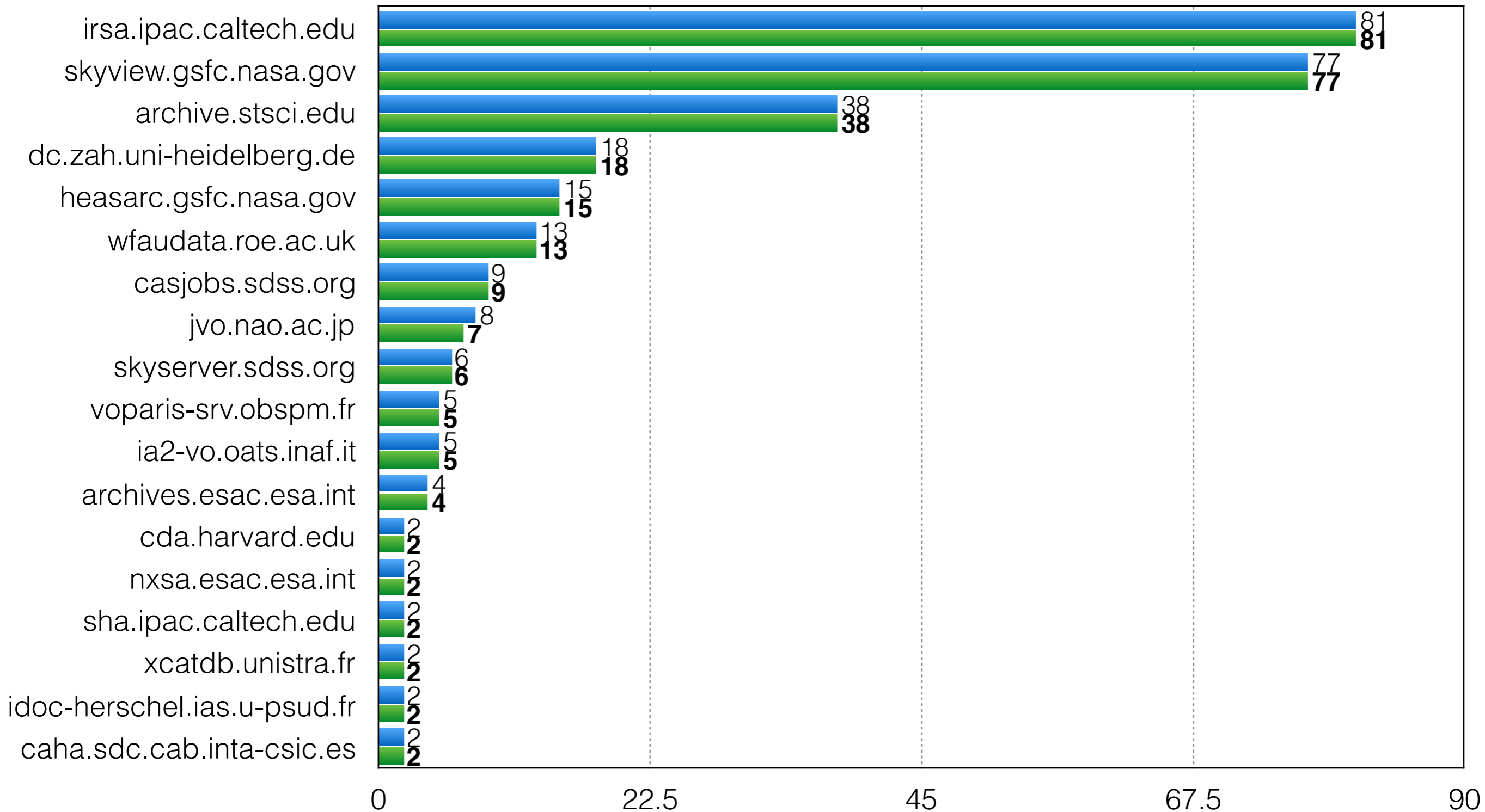
URL Pattern: %



SIA Servers (having more than 1 SIA service)

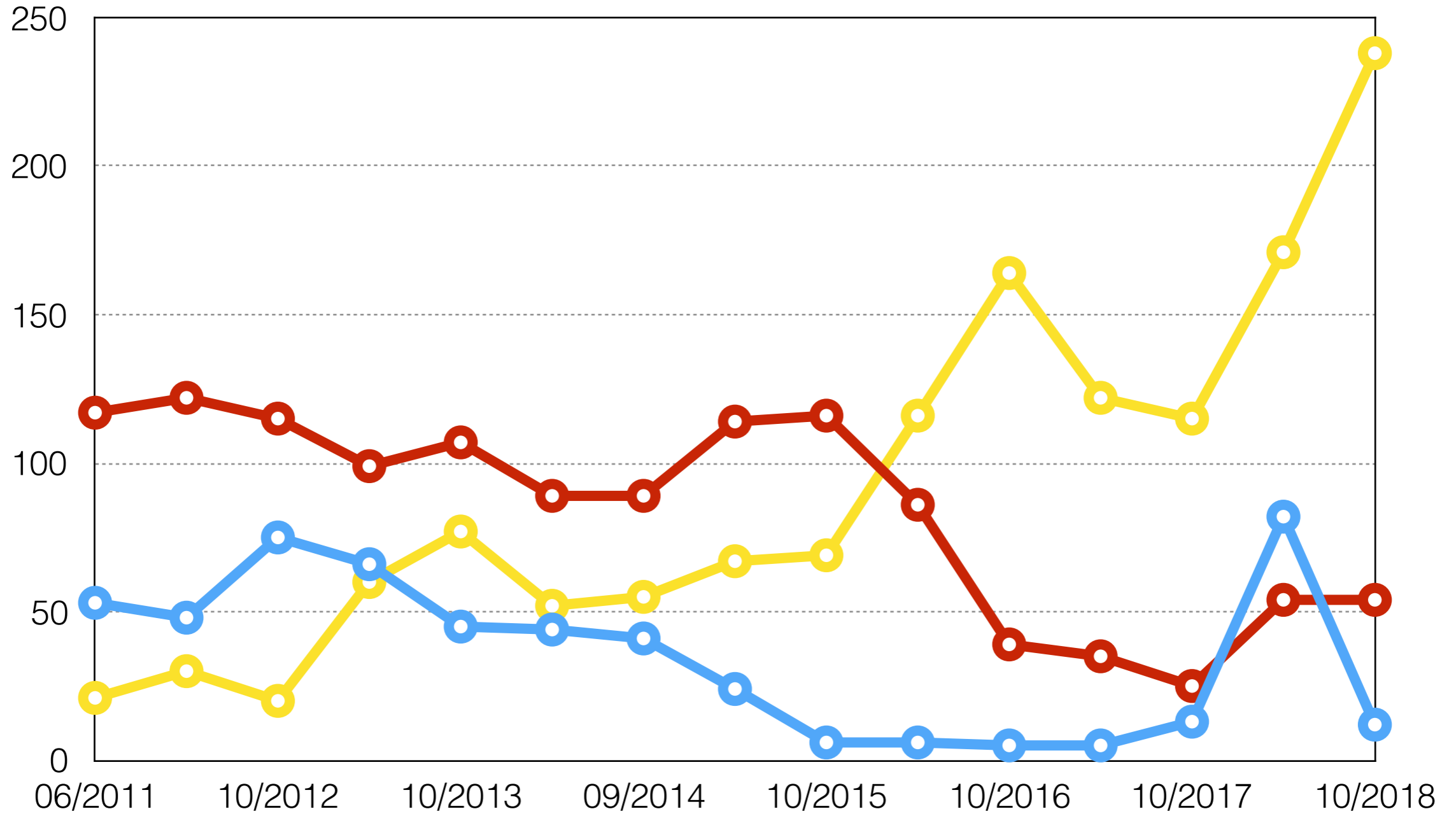
Nb Services 2018-05

Nb Services 2018-10



SIA History

Not Respond. Error Valid



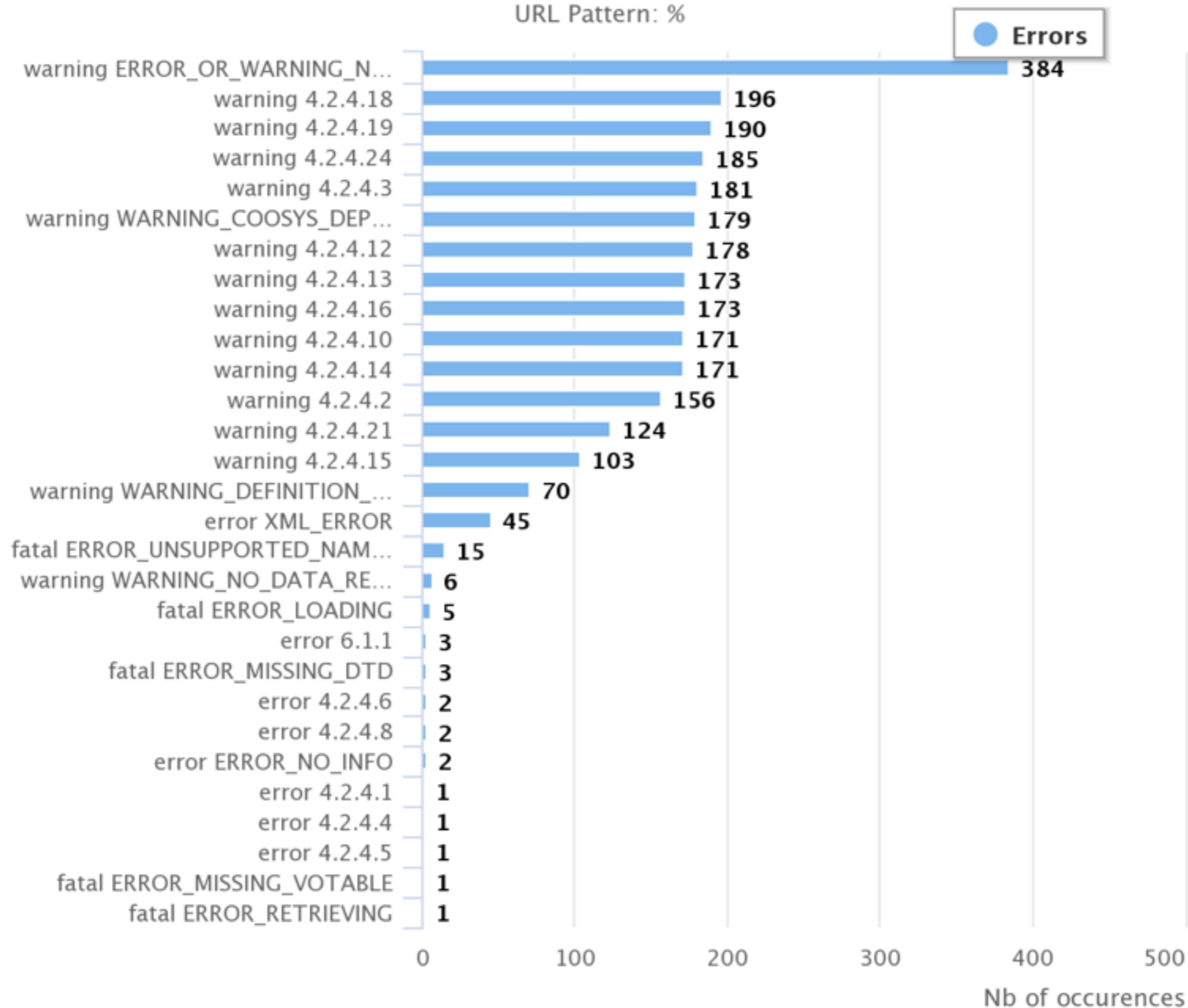
Frequency of errors

Service Type: SIA

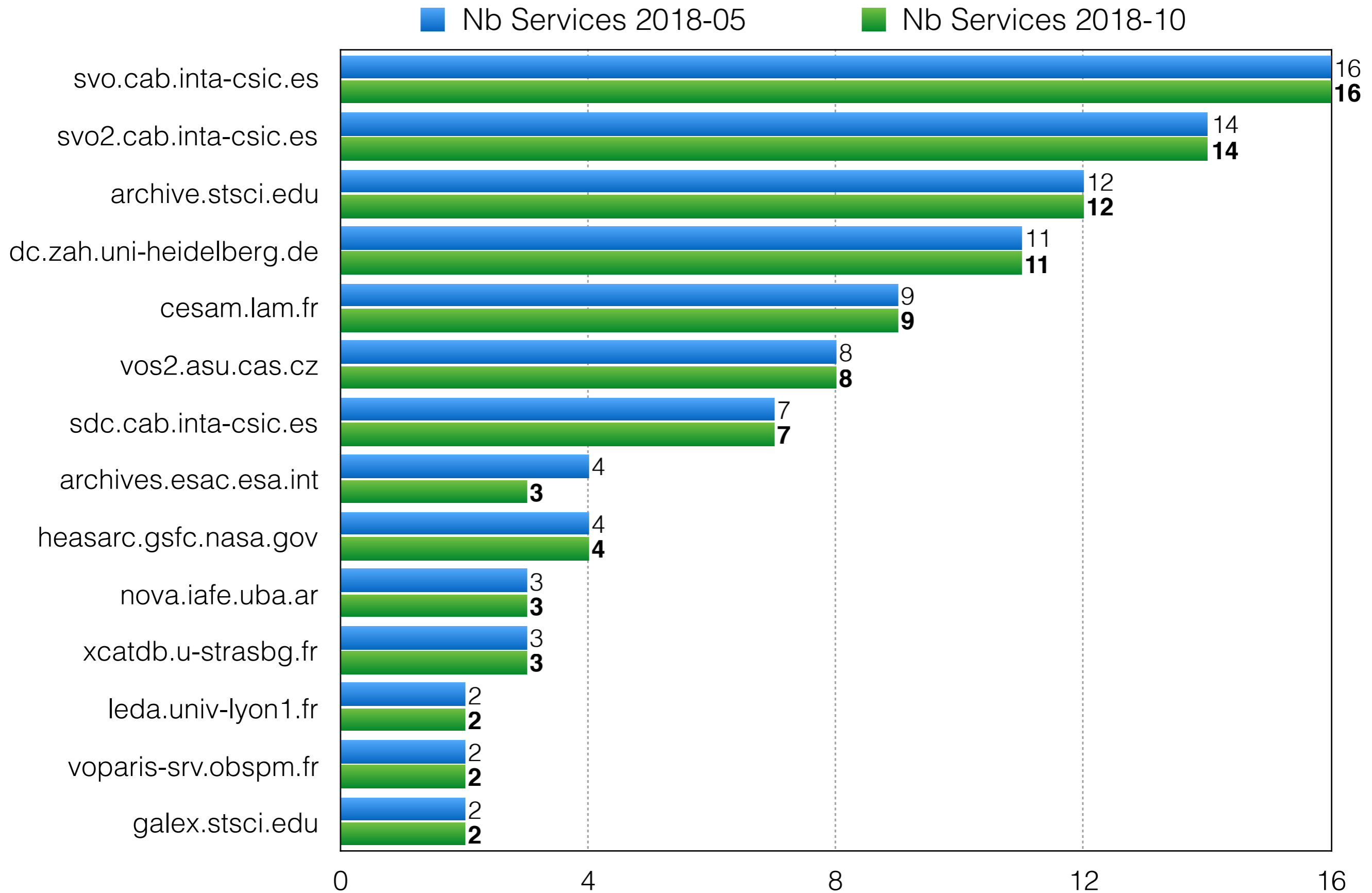
Validation Date >= 2018-10-24

IVOID Pattern: %

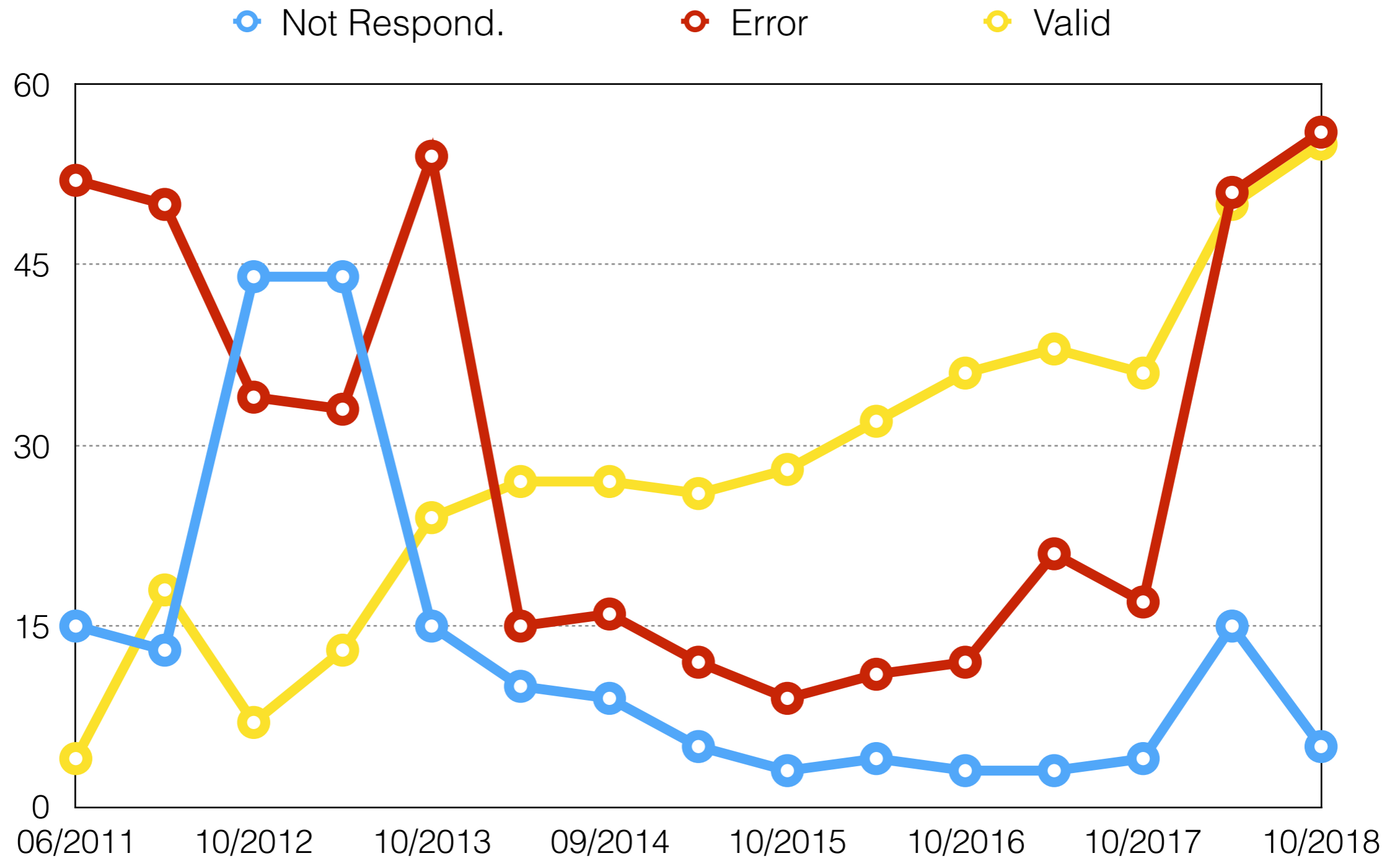
URL Pattern: %



SSA Servers (having more than 1 SSA service)



SSA History



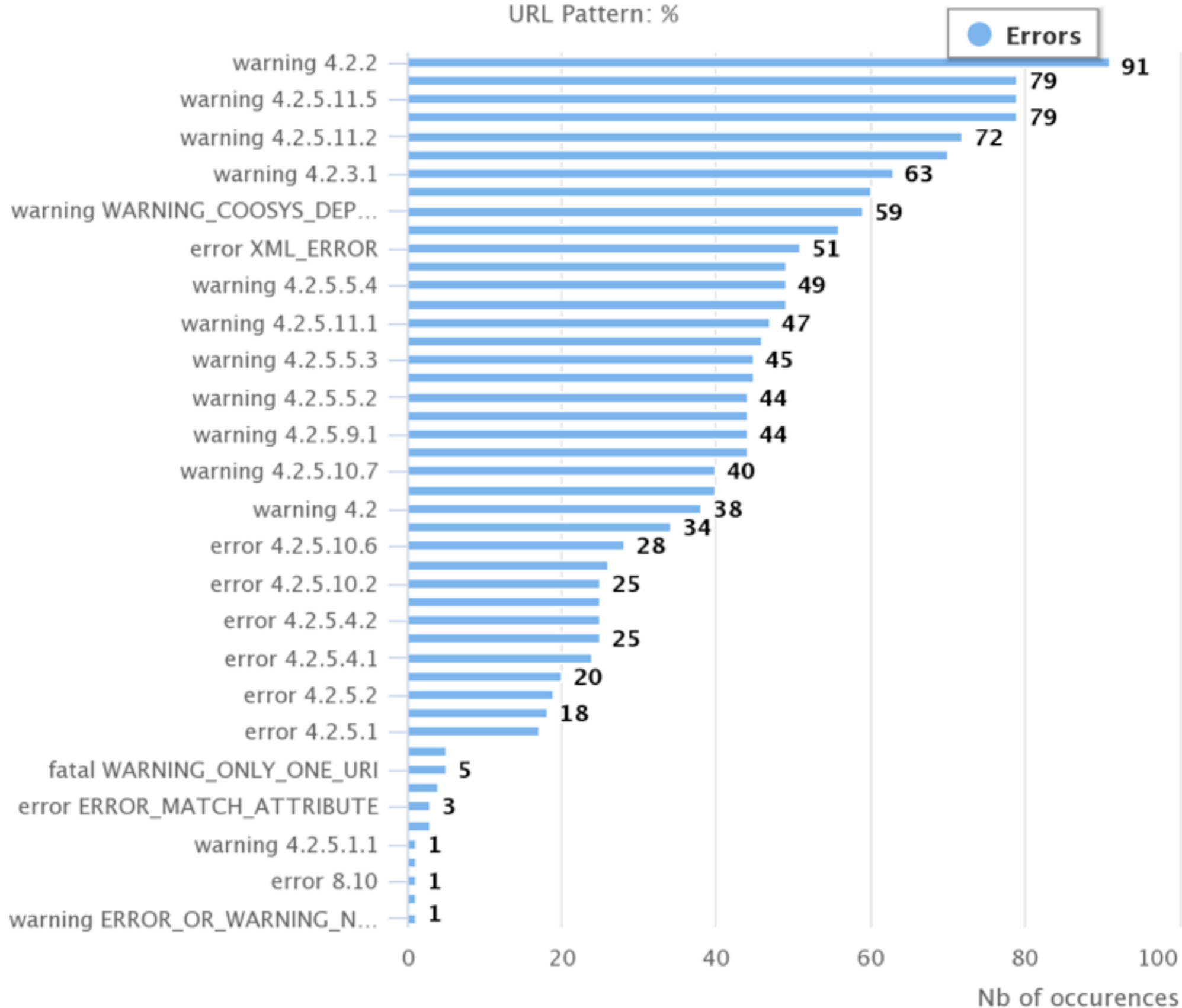
Frequency of errors

Service Type: SSA

Validation Date >= 2018-10-24

IVOID Pattern: %

URL Pattern: %



TAP Services

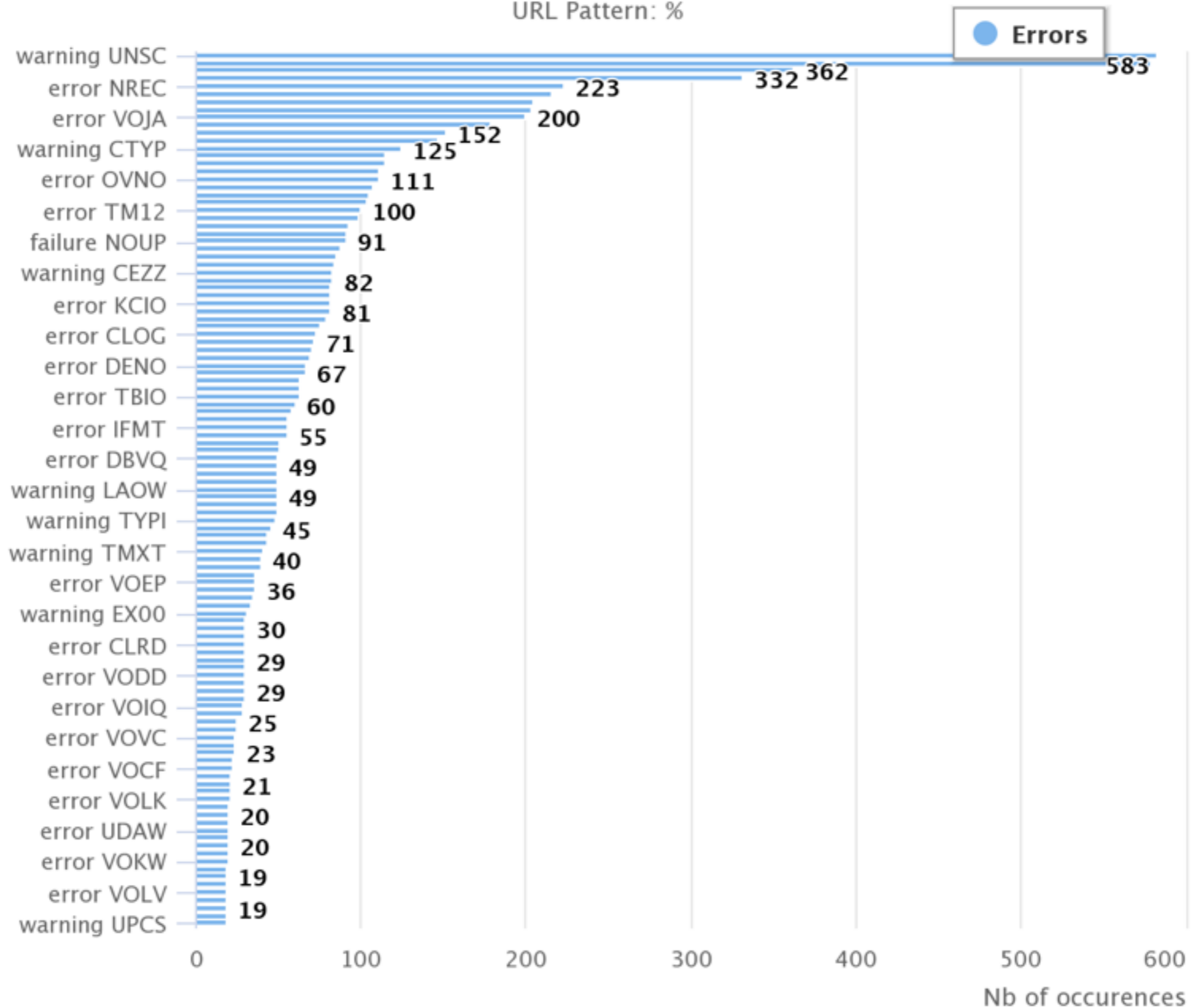
- Monitoring with taplint began in 2018 with 131 servers as of 2018-05
- 2018-10: 146 servers but 19266 services declared:
- TapVizier has registered all its TAP services (using standard id <ivo://ivoa.net/std/tap#aux>)

Frequency of errors Service Type: TAP

Validation Date >= 2018-10-23

IVOID Pattern: %

URL Pattern: %



HTTP API

- <https://voparis-validation2.obspm.fr/validation/API>
- Retrieve validation results programmatically from our daily DBs
- Input and output in JSON formats
- Examples:

```
$ curl -d '{ "action": "query_services", "mode": "ivoid_pattern",  
"protocol": "ConeSearch", "ivoid_pattern": "%vopdc%" }' https://voparis-  
validation2.obspm.fr/validation/API/JSON
```

```
$ curl -d '{ "action": "query_services_errors", "mode": "multiple_ivoids",  
"protocol": "TAP", "ivoids": ["ivo://vopdc.obspm/luth/exoplanet/epn"] }' https://voparis-  
validation2.obspm.fr/validation/API/JSON
```

Conclusion

- **Results** available on **Reporting Web App**:
<https://voparis-validation2.obspm.fr/>
- **API** available to get results in JSON format <https://voparis-validation2.obspm.fr/validation/API>
- **SIAv2**: in progress but validator needs more work
- Validator needs constant updates due to erratas (ex COOSYS) and new usages (ex: redirections)
- Improving the validator improves the statistics !