Name Collision Analysis .HOME
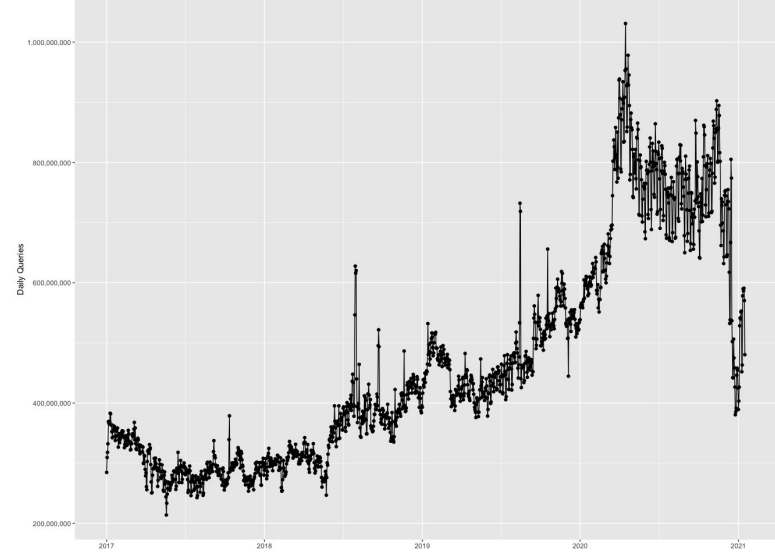
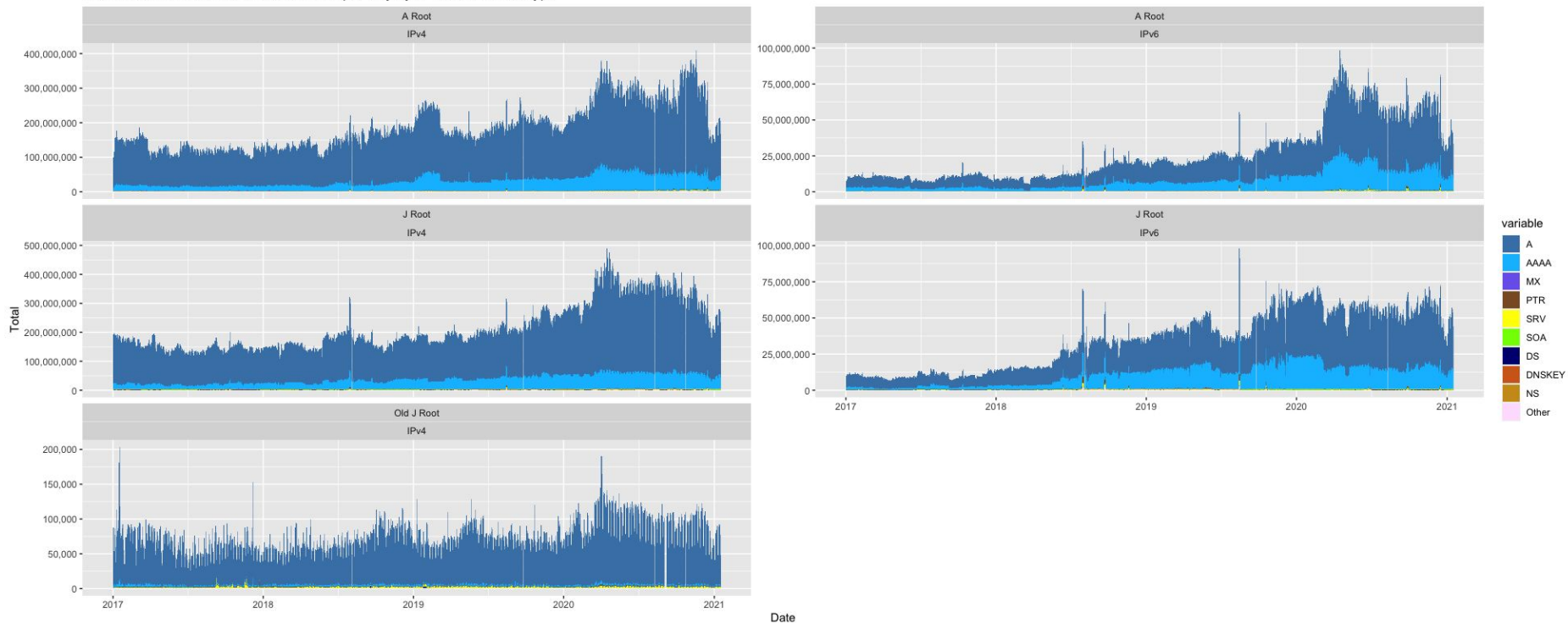# .HOME Analysis :: Daily Query Volume

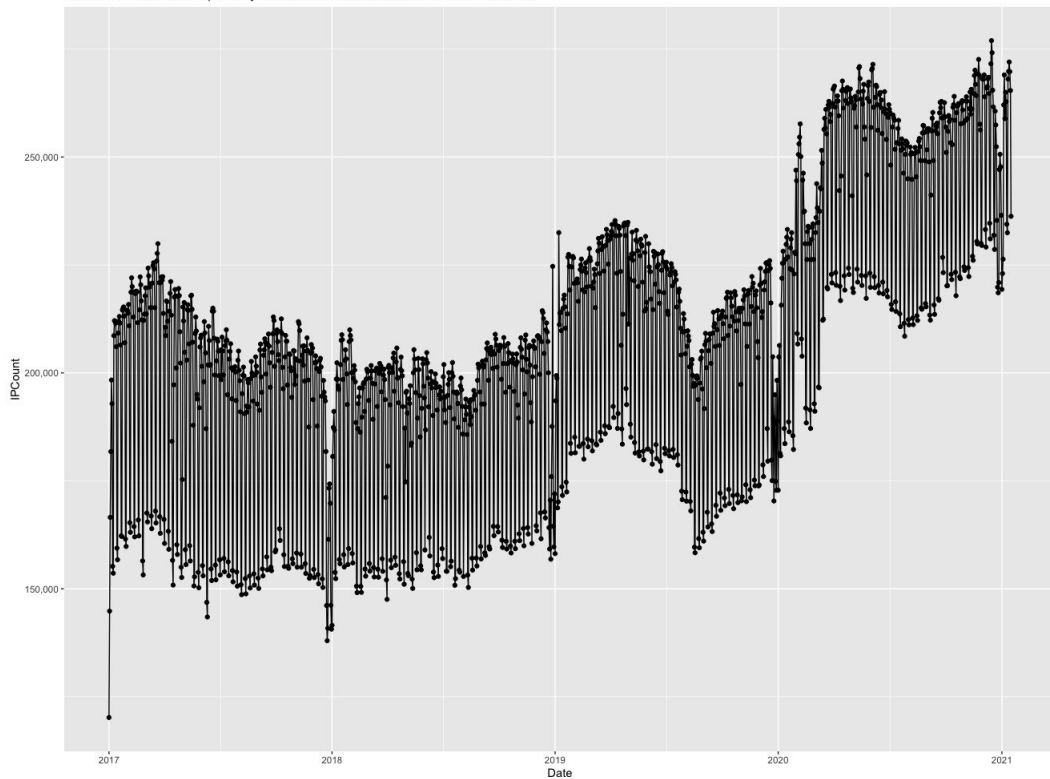# .HOME Analysis :: Qtype Distribution

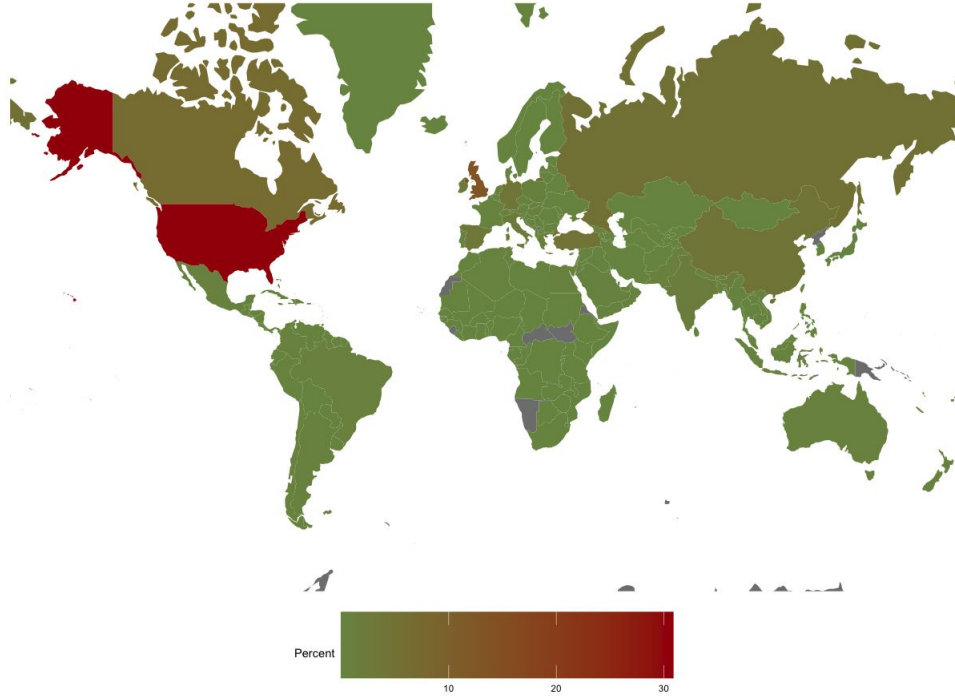.HOME Queries to A and J Root Servers per Day by IP Version and QType

.HOME Analysis :: Unique Daily Source IPs

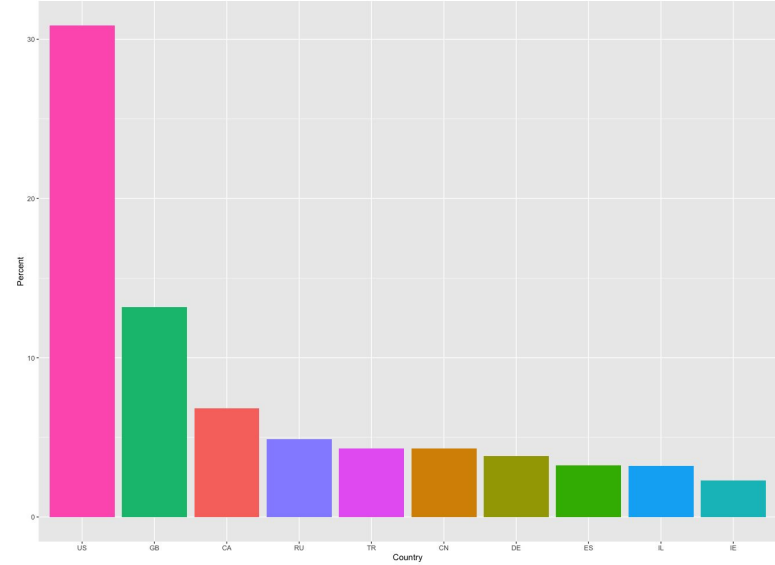Number of Distinct IPs per Day at A and J Root Servers for .HOME Queries

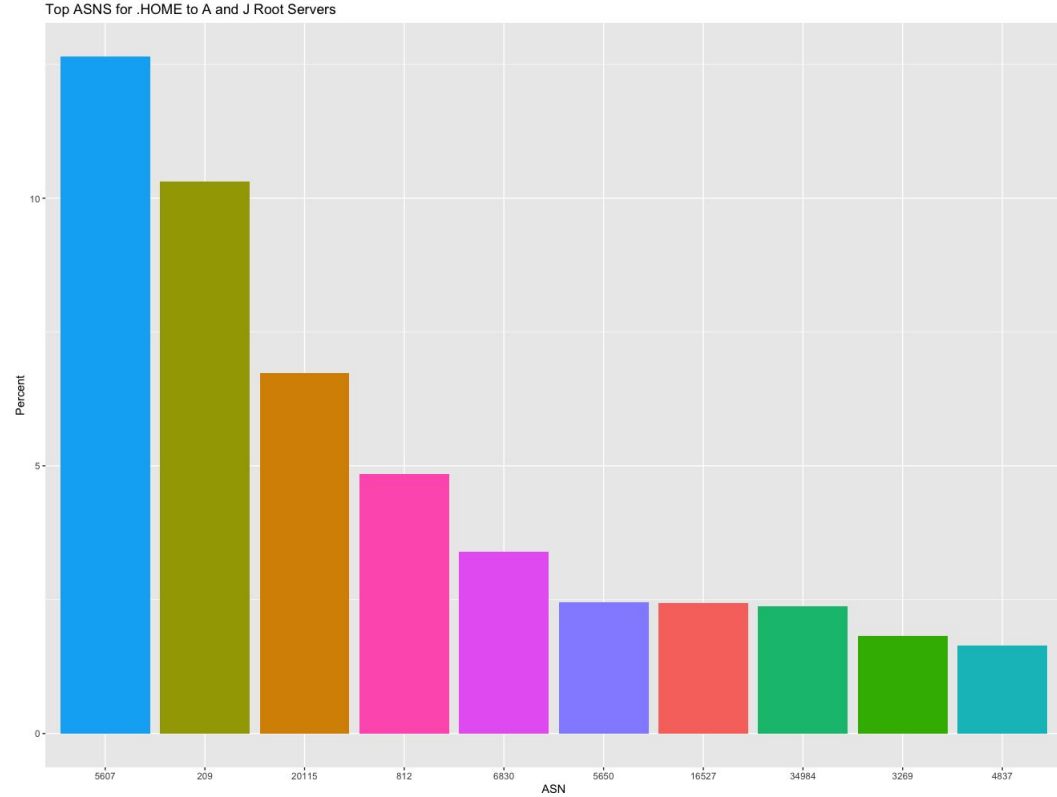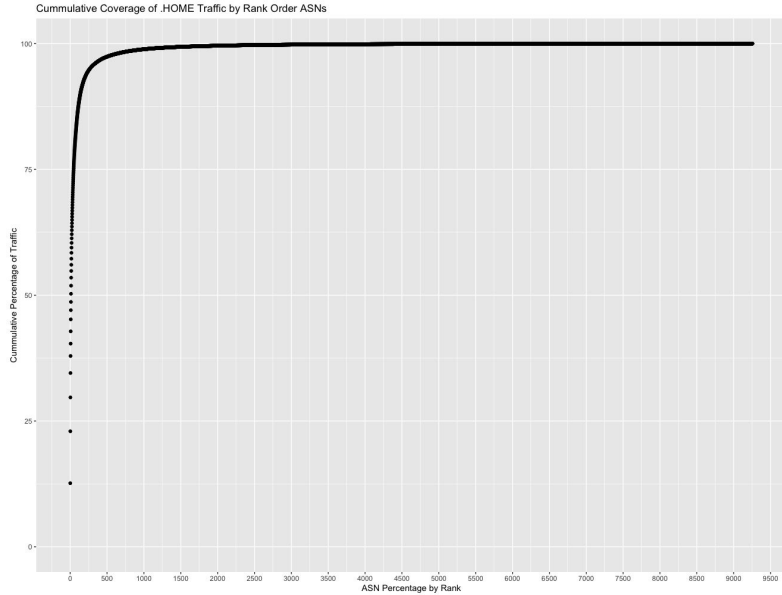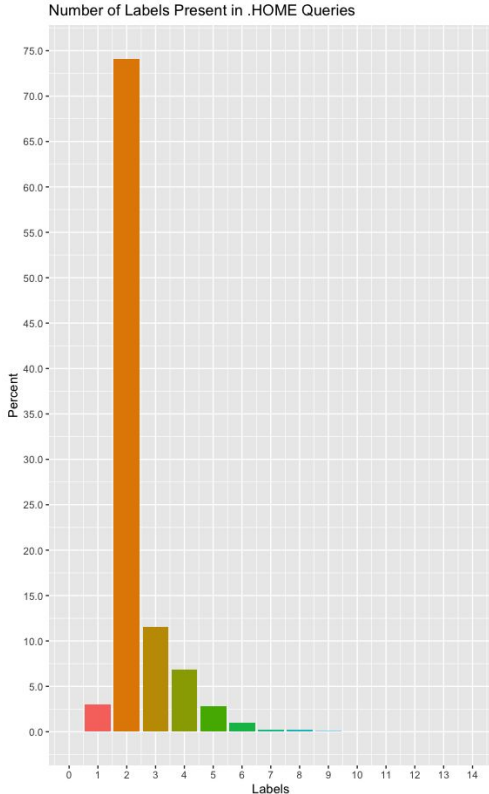# .HOME Analysis :: Geographical Distribution

.HOME Global Distribution

Top Countries for .HOME to A and J Root Servers

# .HOME Analysis :: ASN Distribution

.HOME Analysis :: Label Analysis

Number of Labels Present in .HOME Queries

	SLD	Percent
1:	hitronhub.home.	9.75412714
2:	com.home.	6.61782804
3:	home.	3.03802436
4:	_.home.	2.68200505
5:	net.home.	1.19227441
6:	ht.home.	0.57062557
7:	fios-router.home.	0.52528746
8:	_tcp.home.	0.30401179
9:	wpad.home.	0.29160084
10:	org.home.	0.28520555
11:	cn.home.	0.26442140
12:	_udp.home.	0.23789951
13:	ch.home.	0.21296067
14:	ru.home.	0.19720468
15:	arpa.home.	0.08625248
16:	io.home.	0.08591727
17:	tv.home.	0.08381899
18:	isatap.home.	0.07388558
19:	me.home.	0.06444656
20:	biz.home.	0.05839011
21:	unifi.home.	0.05735203
22:	workgroup.home.	0.05627388
23:	in.home.	0.05361050
24:	home.home.	0.05328508
25:	info.home.	0.04995074
26:	uk.home.	0.04905044
27:	co.home.	0.04637510
28:	xyz.home.	0.04604986
29:	jpg.home.	0.03915547
30:	local.home.	0.03533617
	SLD	Percent

```
> sum(x$Percent)
[1] 27.11263
```

	ThirdLabel	Percent
1:	com.hitronhub.home.	0.45201229
2:	googleapis.com.home.	0.25313555
3:	google.com.home.	0.23203541
4:	_dns-sd._udp.home.	0.23035555
5:	infomaniak.ch.home.	0.20446238
6:	ksmobile.com.home.	0.19954698
7:	facebook.com.home.	0.15047152
8:	qq.com.home.	0.13119609
9:	tiktokv.com.home.	0.12342135
10:	googlevideo.com.home.	0.11478654
11:	fbcdn.net.home.	0.11288061
12:	hicloud.com.home.	0.10143395
13:	amazon.com.home.	0.09411570
14:	ntp.org.home.	0.08098048
15:	amazonaws.com.home.	0.08032620
16:	net.hitronhub.home.	0.07344758
17:	cloudfront.net.home.	0.06952440
18:	com.cn.home.	0.06615579
19:	in-addr.arpa.home.	0.06239578
20:	ovh.net.home.	0.06166118
21:	nwtelecom.ru.home.	0.05785983
22:	crashlytics.com.home.	0.05344172
23:	xiaomi.com.home.	0.05337555
24:	ksmobile.net.home.	0.05265146
25:	gstatic.com.home.	0.05202927
26:	_aaplcache3._tcp.home.	0.04942245
27:	_aaplcache._tcp.home.	0.04940269
28:	_aaplcache1._tcp.home.	0.04905751
29:	_aaplcache4._tcp.home.	0.04900385
30:	_aaplcache2._tcp.home.	0.04895816

.HOME Analysis :: SLD Overlap Analysis

CDF of Number of Queries per SLD for .HOME
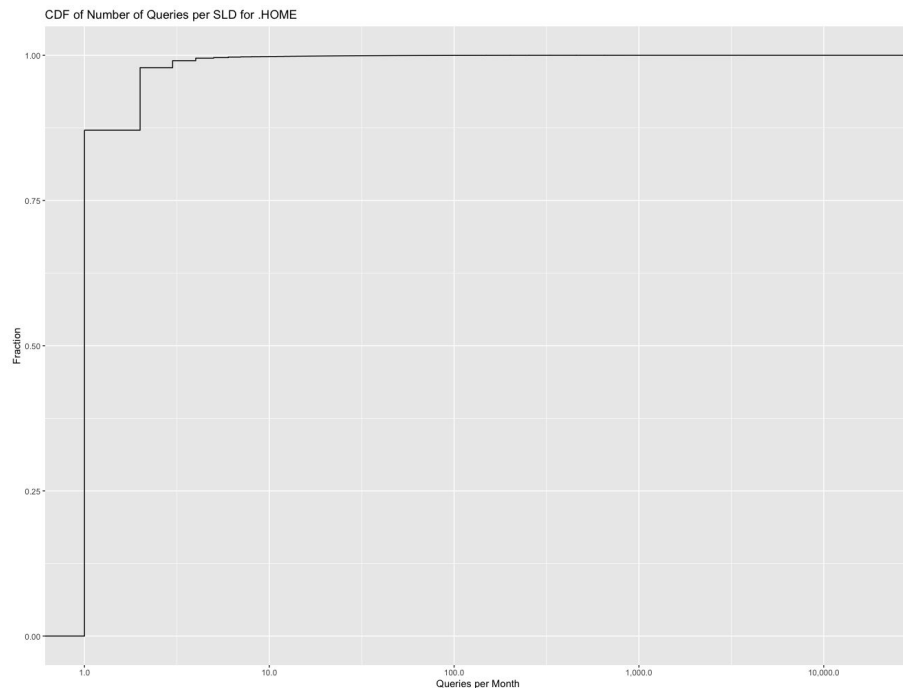
.HOME Names for 12/31/2020
- Unique Qnames: 322,220,427
- Unique SLDs: 277,809,211

SLD Length Distribution for .HOME
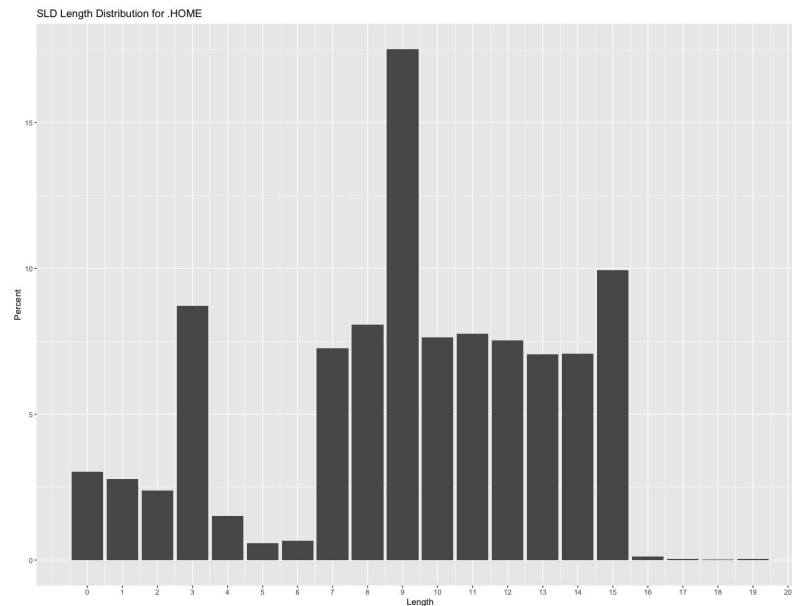
.HOME Analysis :: First Label Analysis

Column1	Column2
home	16913452
_	15263738
wpad	2076216
www	1545338
api	1418605
_ldap	1164569
swift01-prx	1127655
lb	843759
isatap	459277
tracker	445200
clock	401891
unifi	348209
android	325169
lb1040	322647
b	310944
graph	291564
_aaplcache3	288944
_aaplcache	288750
_aaplcache1	286837
_aaplcache4	286487
_aaplcache2	286414
connectivitycheck	281549
ntp1	278197
cdn	273304
helpcmsecurity1	263168
time	259139
db	258949
static	253269
i	253109
cmdts	247335

Column1	Column2
_	15263738
_ldap	1164569
_aaplcache3	288944
_aaplcache	288750
_aaplcache1	286837
_aaplcache4	286487
_aaplcache2	286414
_vlmcs	206050
_kerberos	187617
_bradfordagent	42964
_goverlanserver	36979
_goverlan	18195
_sip	15645
_msdcs	15151
_tcp	14138
_autodiscover	13062
__bridge_loaded__	12578
_udp	11433
__hola__	9637
_pcoip-bootstrap	7340
_tzmgr_discovery	6772
_https	5599
_hpdm-gateway	5399
_dns-sd	4907
_sips	4781
_sipinternaltls	4583
__sw	4454
_capwap-control	3019
_elfws	2812
_wdmserver	2605

Data Sensitivity Analysis

.HOME Analysis :: Root ASN Overlap and IP growth
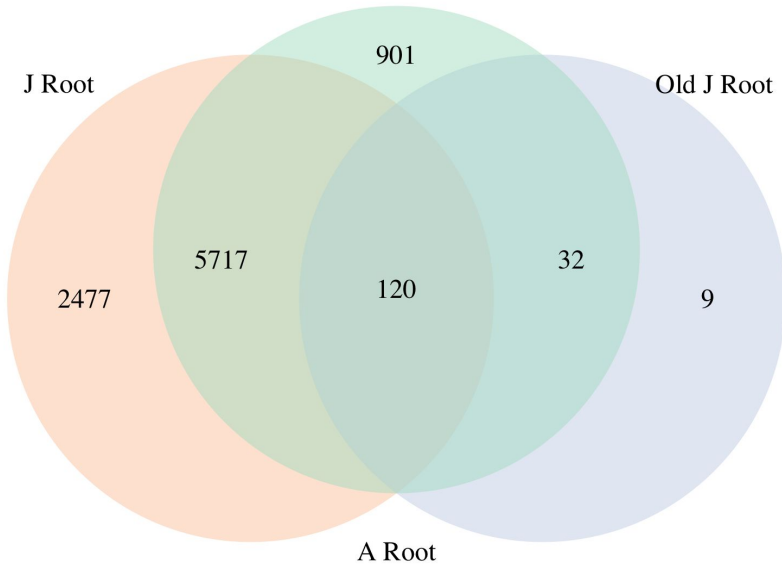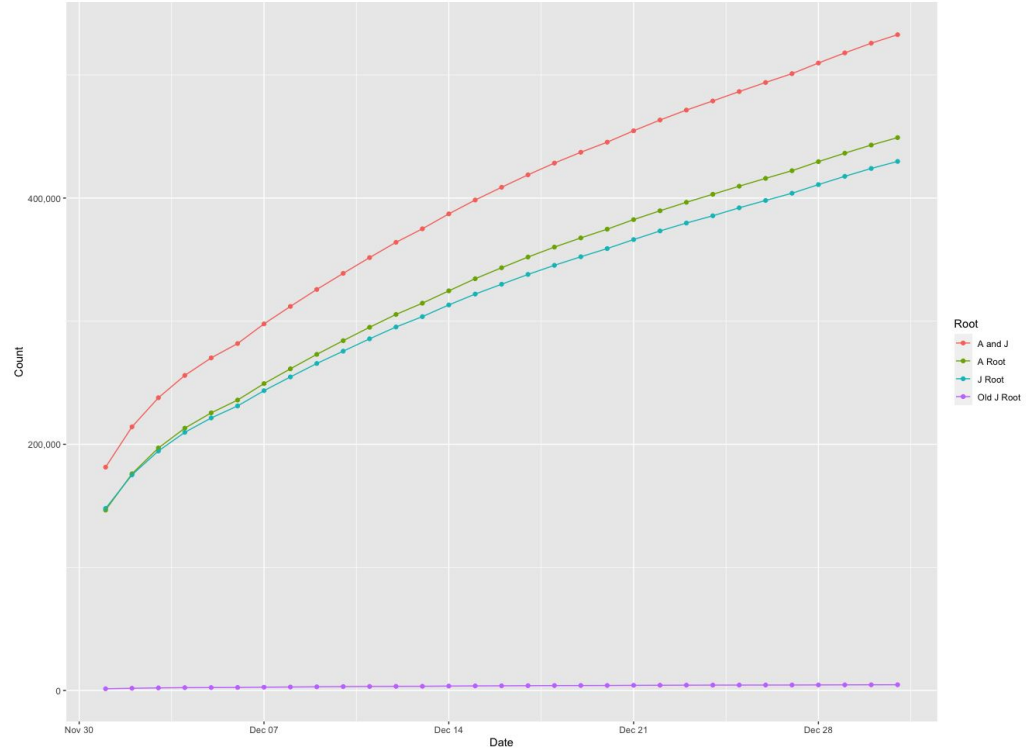
.CORP, .HOME, and .MAIL Comparison

.CORP, .HOME, and .MAIL Comparison

.CORP, .HOME, and .MAIL Queries to A and J Root Servers per Day
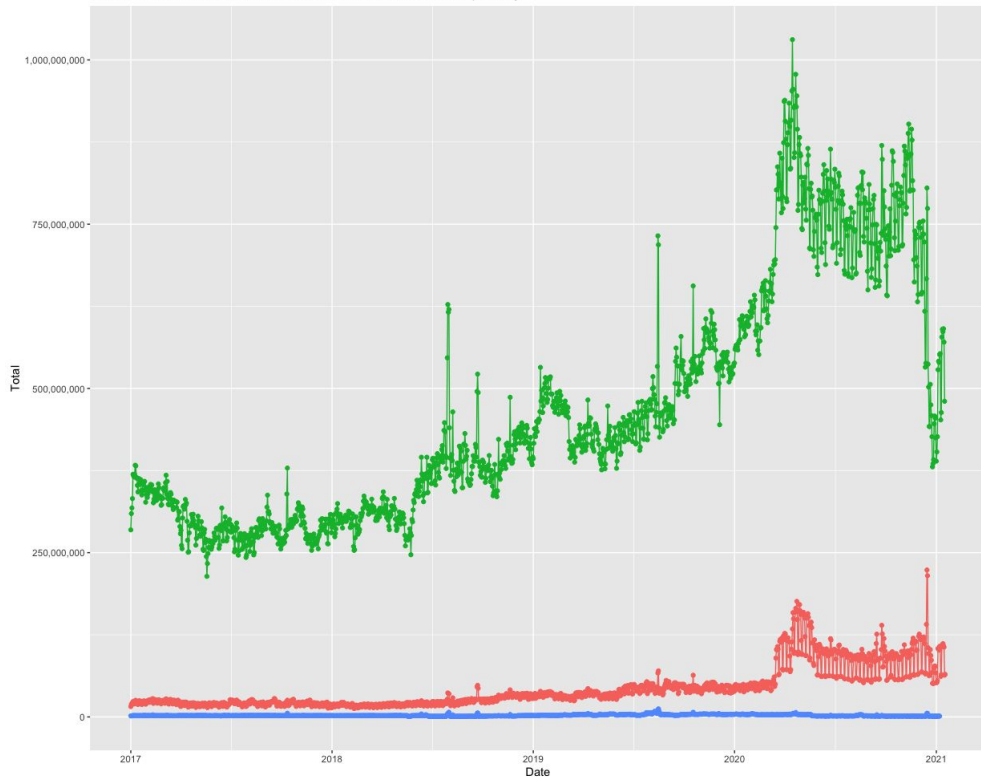
.CORP, .HOME, and .MAIL Unique IPs Seen at A and J Root Servers per Day

.CORP, .HOME, and .MAIL Comparison

Cummulative Coverage of .CORP, .HOME, and .MAIL Traffic by Rank Order ASNs

.CORP, .HOME, and .MAIL Comparison

.HOME
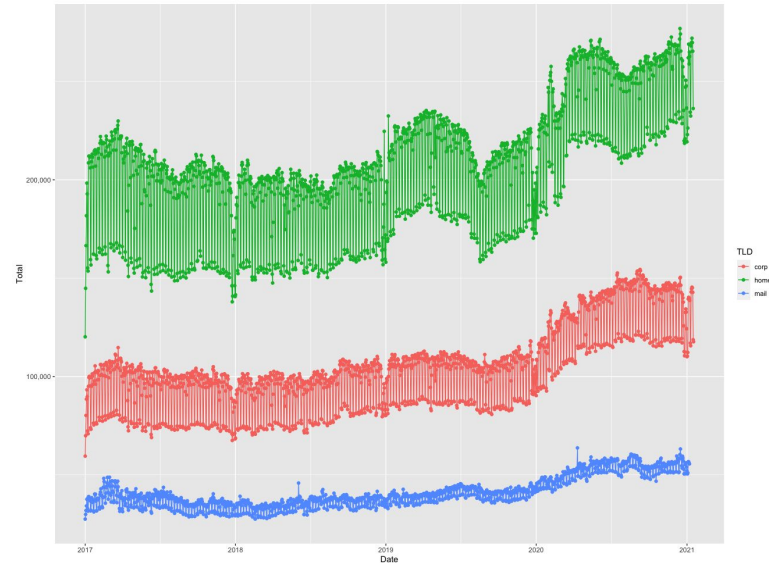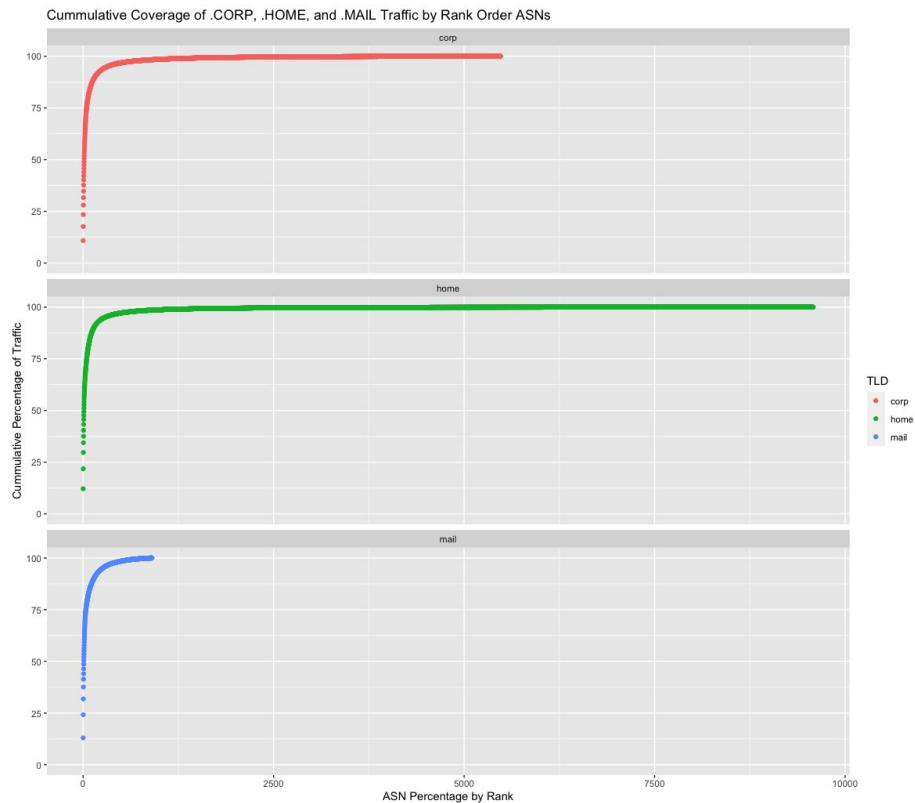
	SLD	Percent
1:	hitronhub.home.	9.75412714
2:	com.home.	6.61782804
3:	home.	3.03802436
4:	_.home.	2.68200505
5:	net.home.	1.19227441
6:	ht.home.	0.57062557
7:	fios-router.home.	0.52528746
8:	_tcp.home.	0.30401179
9:	wpad.home.	0.29160084
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13:	ch.home.	0.21296067
14:	ru.home.	0.19720468
15:	arpa.home.	0.08625248
16:	io.home.	0.08591727
17:	tv.home.	0.08381899
18:	isatap.home.	0.07388558
19:	me.home.	0.06444656
20:	biz.home.	0.05839011
21:	unifi.home.	0.05735203
22:	workgroup.home.	0.05627388
23:	in.home.	0.05361050
24:	home.home.	0.05328508
25:	info.home.	0.04995074
26:	uk.home.	0.04905044
27:	co.home.	0.04637510
28:	xyz.home.	0.04604986
29:	jpg.home.	0.03915547
30:	local.home.	0.03533617
	SLD	Percent

```
> sum(x$Percent)
[1] 27.11263
```

.CORP

	SLD	Percent
1:	airbus	8.0896220
2:	sap	6.4356841
3:	bank	4.3002450
4:	zurich	2.1306262
5:	teva	1.6235524
6:	parker	1.5906210
7:	bvcorp	1.5695795
8:	ecolab	1.3010942
9:	root	1.2664888
10:	stream	1.1201463
11:	_	0.8882908
12:	info	0.7628606
13:	hospira	0.7359782
14:	bmw	0.7028646
15:	alico	0.6924749
16:	global	0.6794046
17:	sdl	0.6703310
18:	logistics	0.6678828
19:	davita	0.6549482
20:	concentra	0.6327179
21:	sungard	0.5835661
22:	us	0.5488492
23:	bi	0.5419070
24:	ad	0.5335444
25:	atd	0.5097991
26:	t2	0.4871012
27:	casa	0.4660969
28:	eurocopter	0.4254081
29:	ares	0.4045543
30:	internal	0.4021990

.MAIL

	SLD	Percent
1:	g	8.2588799
2:	_	6.7988669
3:	yahoo	6.2023317
4:	antivirusufv	4.5026149
5:	www	4.0041403
6:	wpad	3.2823055
7:	columbus	3.1706254
8:	papercut	2.8818915
9:	smtp	2.8192417
10:	hapvida	2.6149488
11:	hot	2.4651340
12:	ns1	2.2254304
13:	ns2	2.1872957
14:	gmail	2.1791240
15:	proxyufv	2.0047941
16:	e	1.8604271
17:	click	1.8549793
18:	alico	1.7732621
19:	win	1.7269558
20:	mail	1.6016561
21:	google	1.5825888
22:	_dmarc	1.3782959
23:	aol	1.2993027
24:	local	1.1876226
25:	imap	1.0950098
26:	company	1.0759425
27:	yandex	1.0078448
28:	twc	0.9288516
29:	web	0.8879930
30:	primary	0.8471345
	SLD	Percent