

relays__overview

July 14, 2025

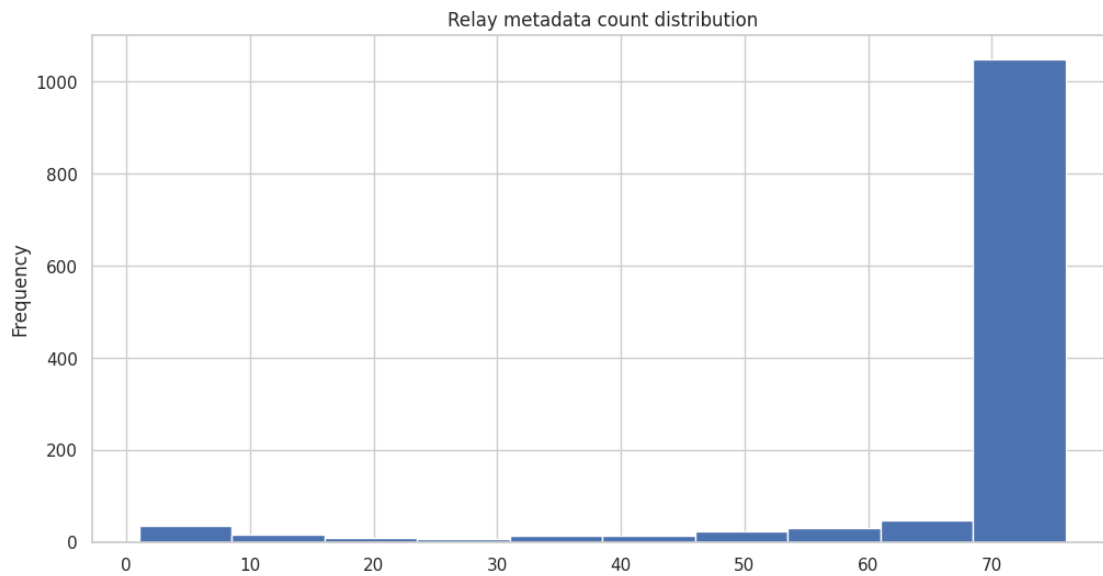
Total relays: 8865, with metadata: 1247 (14.07%)

Network distribution for relays with metadata:

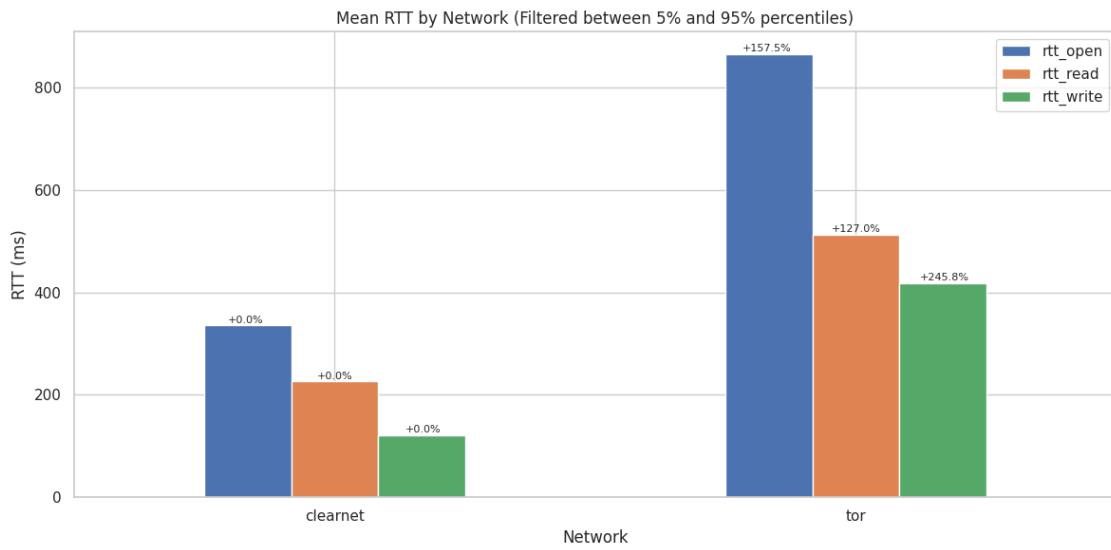
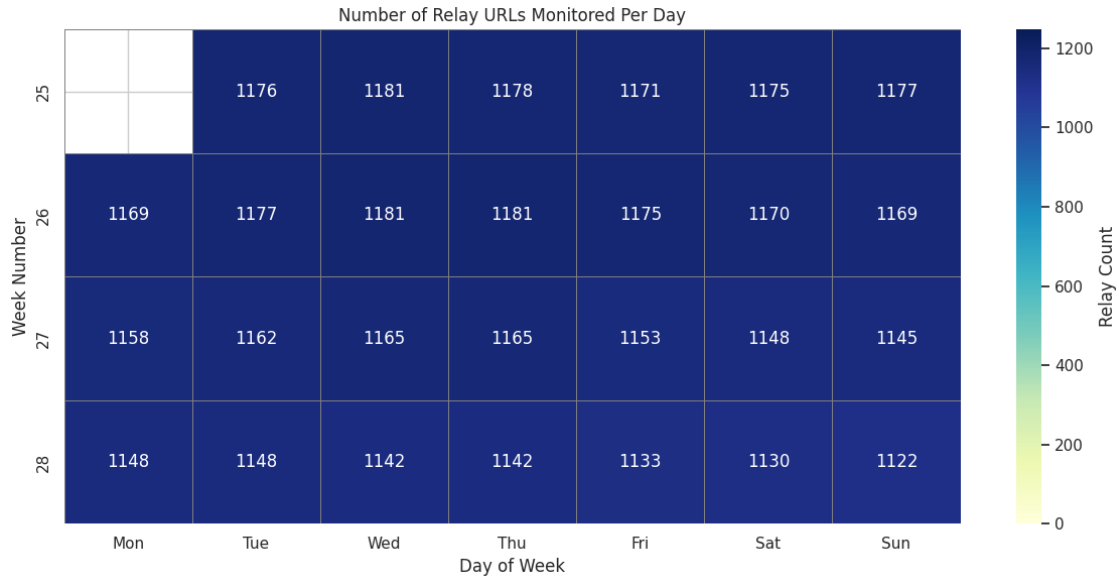
- clearnet: 997 (79.95%)

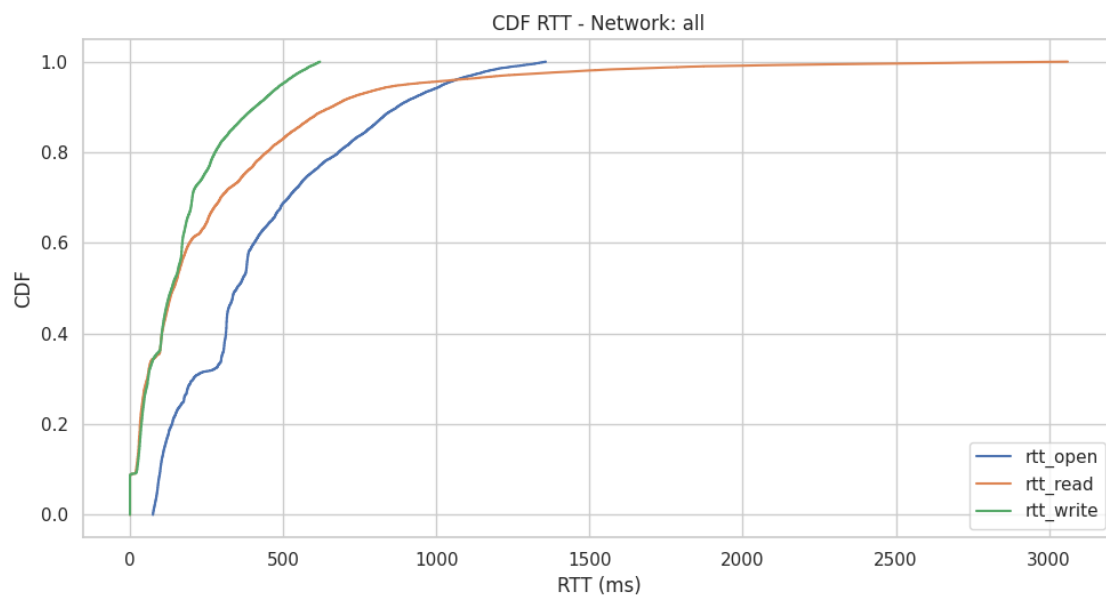
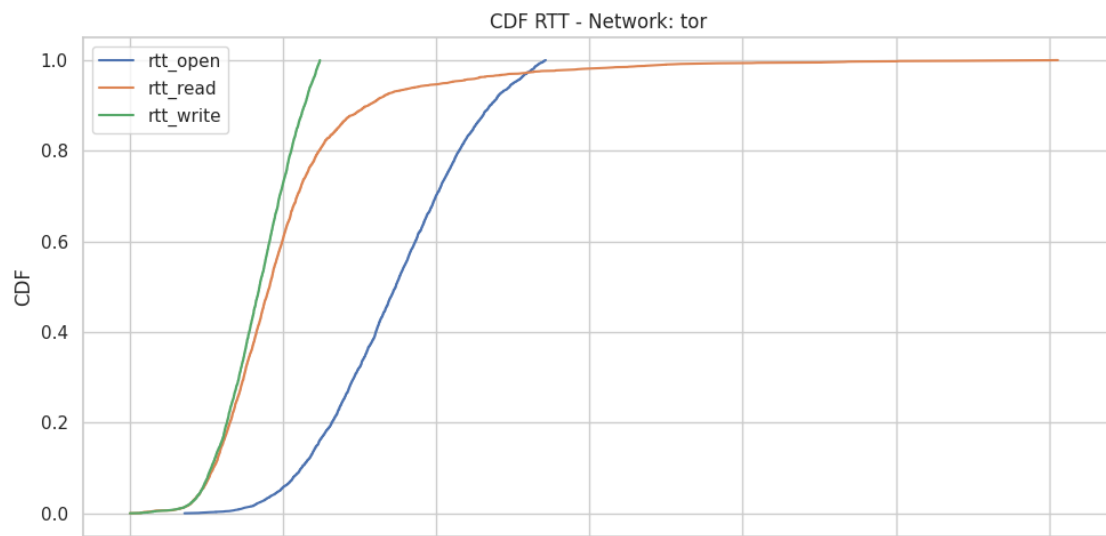
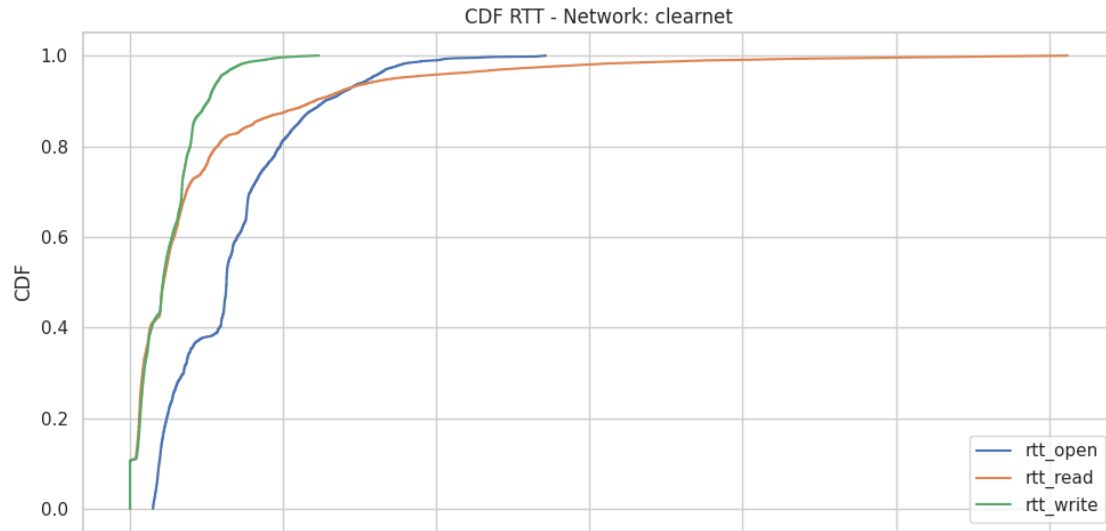
- tor: 250 (20.05%)

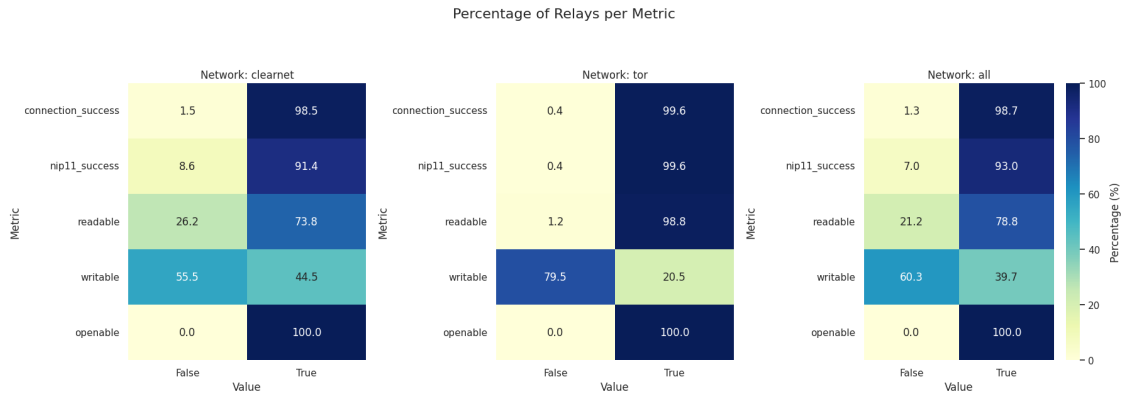
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<Axes: title={'center': 'Relay metadata count distribution'},  
ylabel='Frequency'>
```



Total unique relays with metadata: 1247







Network: clearnet

	connection_success	nip11_success	readable	writable	openable	count
0	True	True	True	True	True	419
1	True	True	True	False	True	273
2	True	True	False	False	True	199
3	True	False	False	False	True	52
4	True	False	True	False	True	20
5	True	False	True	True	True	12
6	True	True	False	True	True	5
7	False	True	True	False	True	2
8	True	False	False	True	True	2

Network: tor

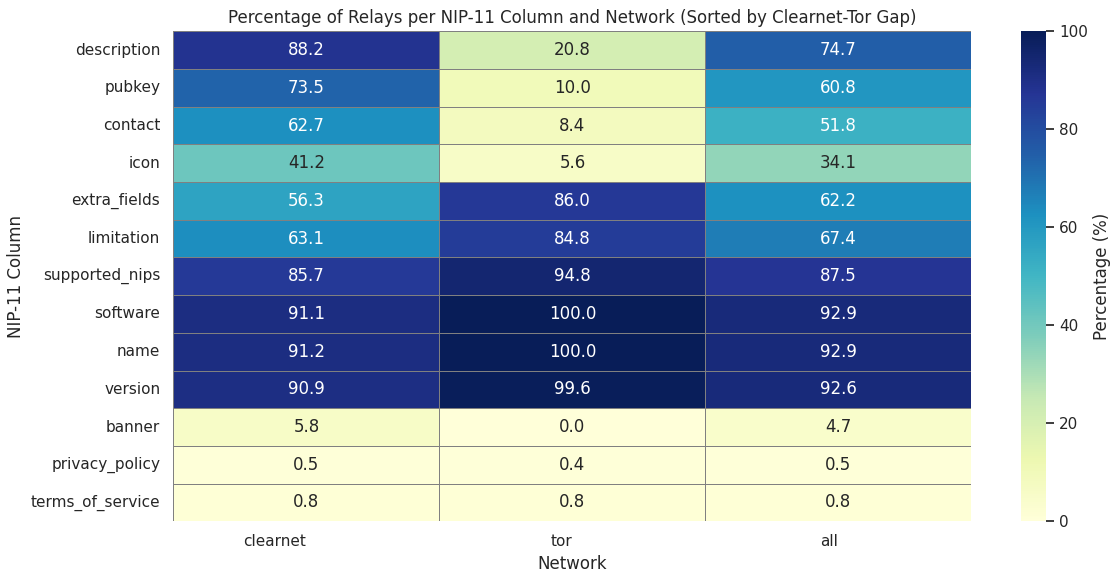
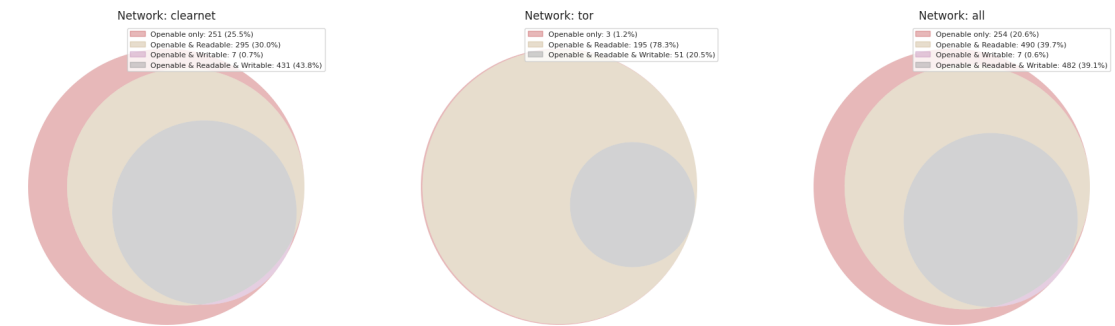
	connection_success	nip11_success	readable	writable	openable	count
0	True	True	True	False	True	194
1	True	True	True	True	True	51
2	True	True	False	False	True	3
3	True	False	True	False	True	1

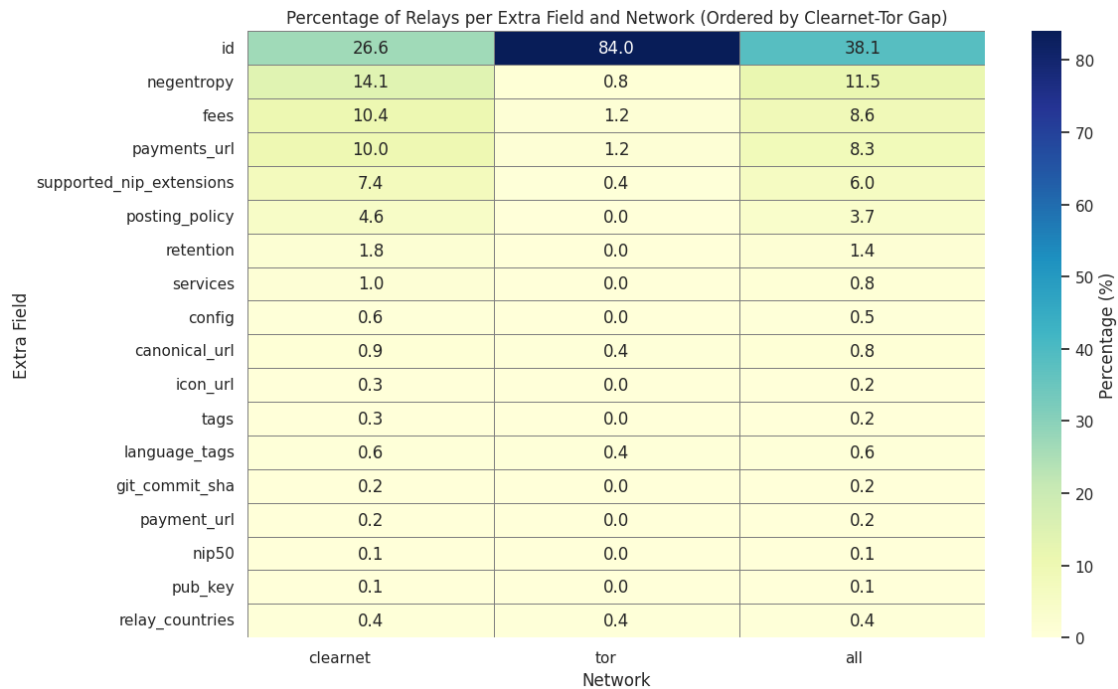
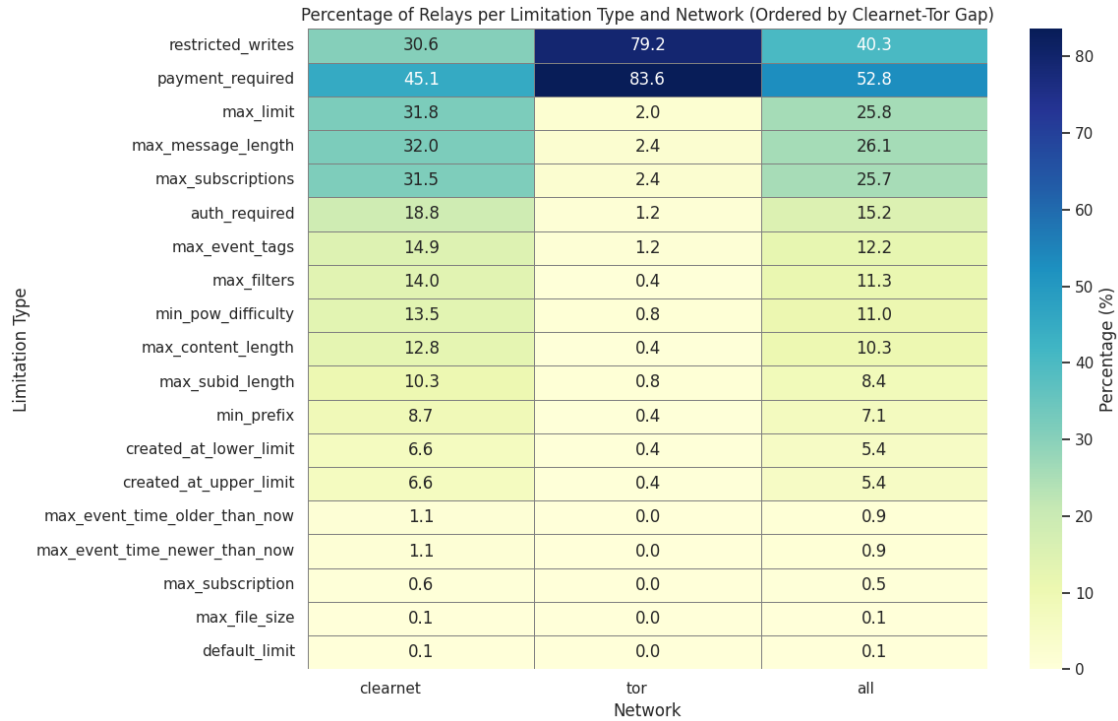
Network: all

	connection_success	nip11_success	readable	writable	openable	count
0	True	True	True	True	True	470
1	True	True	True	False	True	467
2	True	True	False	False	True	202
3	True	False	False	False	True	52
4	True	False	True	False	True	21
5	True	False	True	True	True	12

6	True	True	False	True	True	5
7	False	True	True	False	True	2
8	True	False	False	True	True	2

Relay Status Combinations

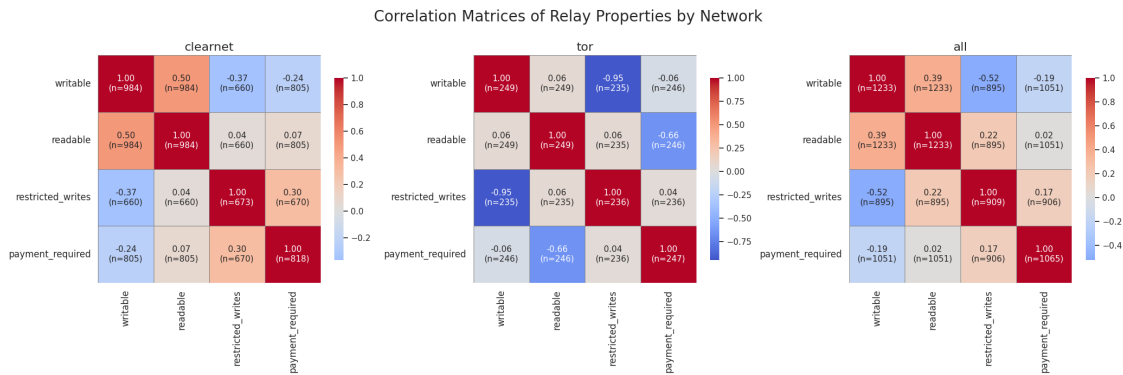




Number of relays in cleanet and tor: 1247

Number of relays in cleanet: 997

Number of relays in tor: 250



Network: clearnet

	writable	readable	restricted_writes	payment_required	count
0	True	True	False	False	273
1	False	False	False	False	178
2	False	True	False	False	96
3	False	True	True	False	68
4	False	False	True	False	24
5	False	True	True	True	7
6	True	False	False	False	6
7	False	False	True	True	4
8	True	True	True	False	1

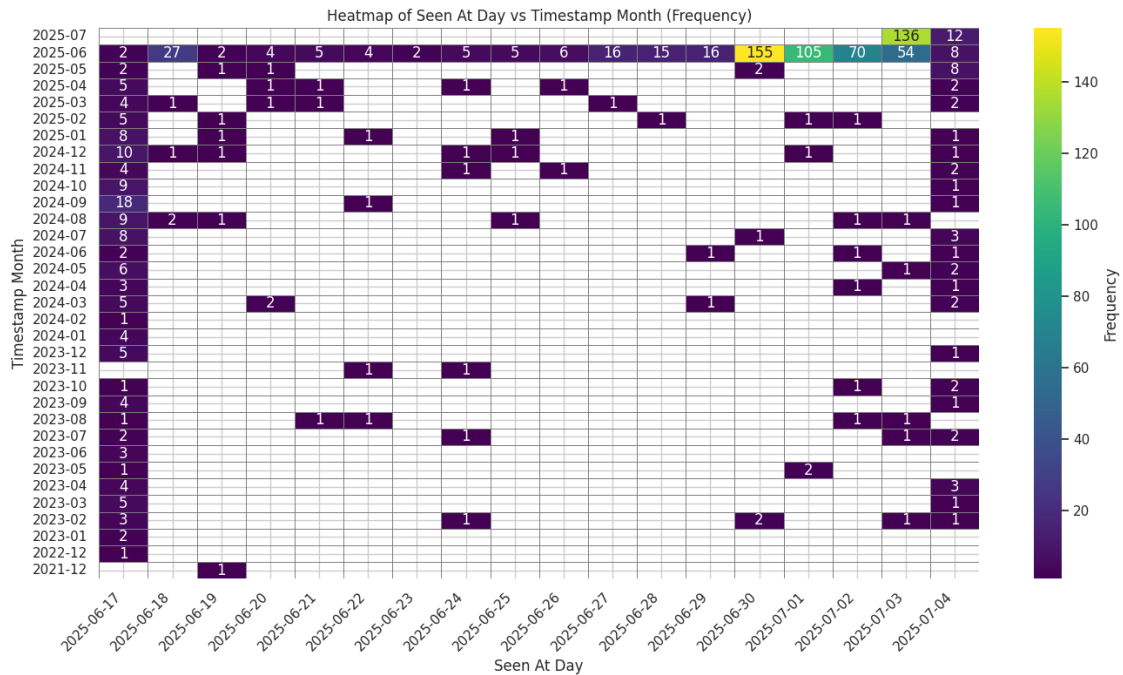
Network: tor

	writable	readable	restricted_writes	payment_required	count
0	False	True	True	False	182
1	True	True	False	False	48
2	False	True	False	False	3
3	False	False	False	False	1
4	False	False	True	True	1

Network: all

	writable	readable	restricted_writes	payment_required	count
0	True	True	False	False	321
1	False	True	True	False	250
2	False	False	False	False	179
3	False	True	False	False	99
4	False	False	True	False	24
5	False	True	True	True	7
6	True	False	False	False	6

7	False	False	True	True	5
8	True	True	True	False	1

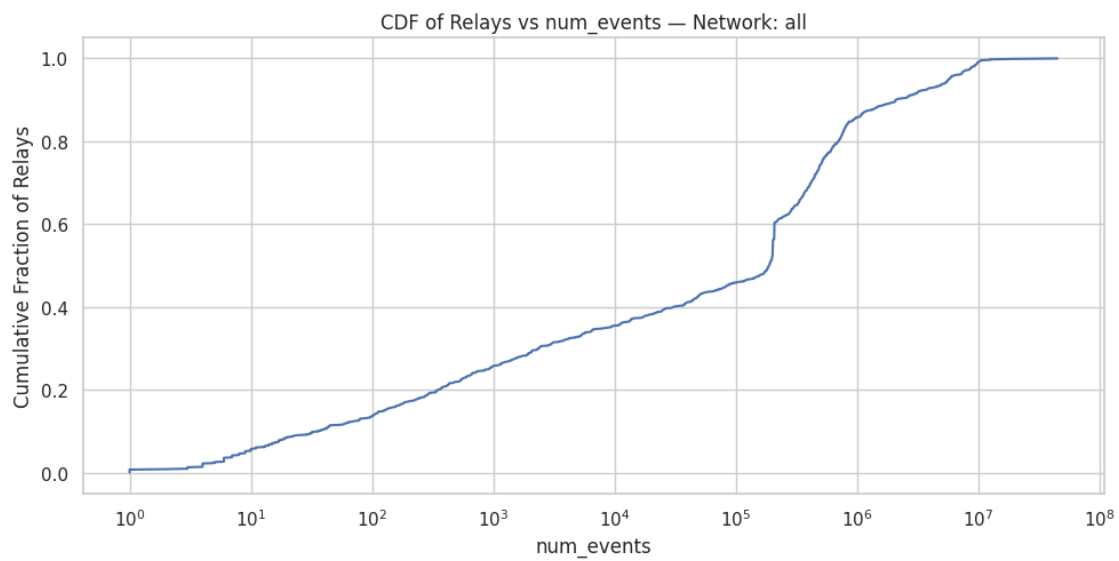
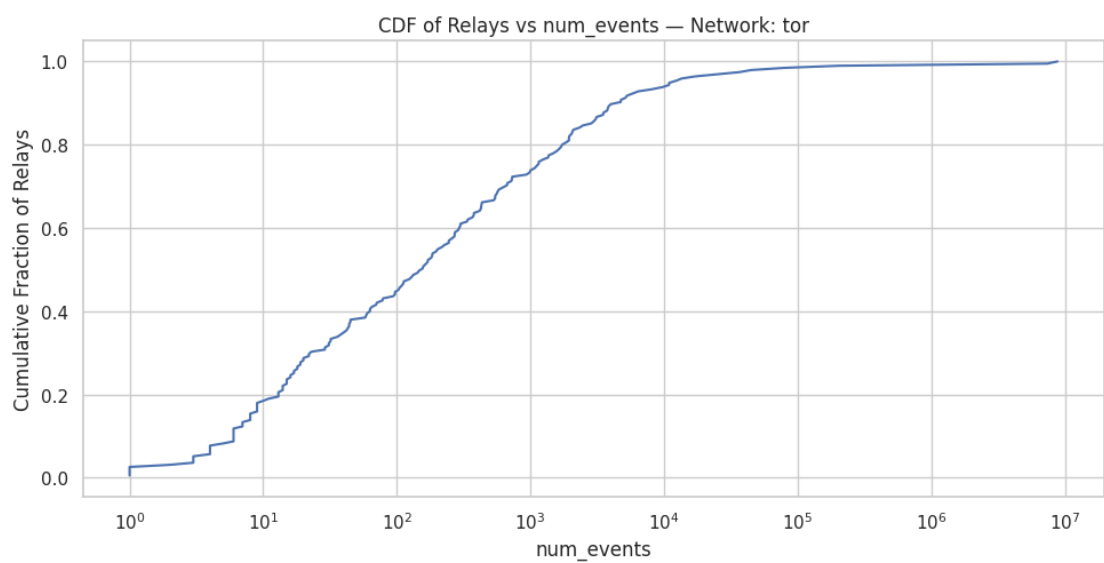
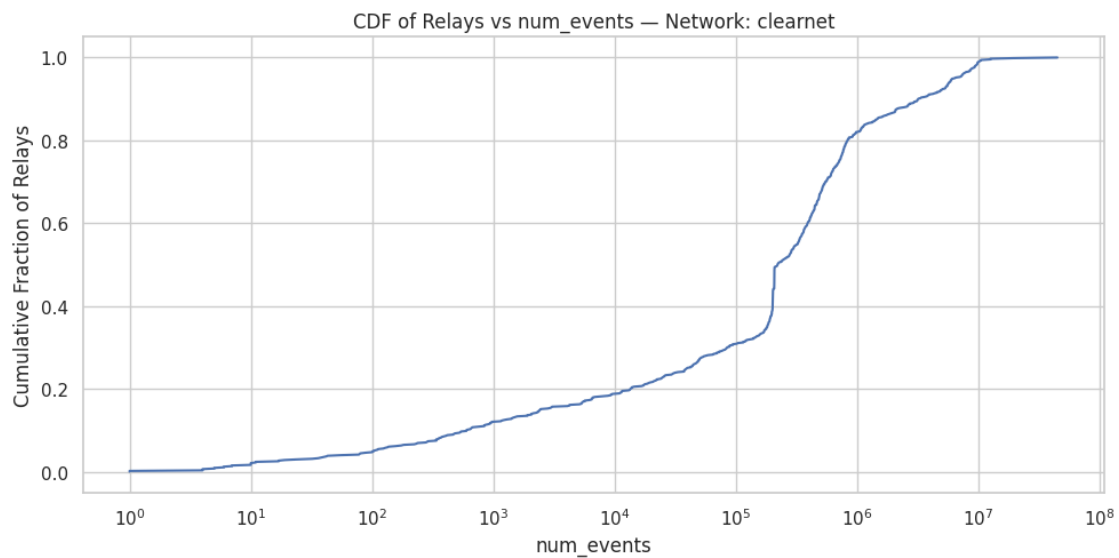


Top 5 relays with most num_events in clearnet:

- wss://relay.nostr.band: 45043188 num_events
- wss://a.nos.lol: 19468715 num_events
- wss://dave.st.germa.in/nostr: 12627203 num_events
- wss://nos.lol: 12627110 num_events
- wss://nostr-01.yakihonne.com: 10561376 num_events

Top 5 relays with most num_events in tor:

- wss://oxtrdevav64z64yb7x6rjg4ntzqjhedm5b5zjqulugknhzr46ny2qbad.onion: 8792611 num_events
- wss://sovbitm2enxfr5ot6qscwy5ermdffqbqscy66wirkbsigvcshumyzbbqd.onion: 7390935 num_events
- wss://3rpykuwfpjgijym45svczvzpbur6t6x4b67lnvp6wxdre2cqoy6a4dyd.onion: 202968 num_events
- wss://sovbitgz5uqyh7jwcsudq4sspxlj4kbnurvd3xarkkx2use3k6rlibqd.onion: 78898 num_events
- wss://cmuqxreb6oma3x3iq3zh62im7w4266uo3txac6e75qtlfqs7scwqyqyd.onion: 45099 num_events

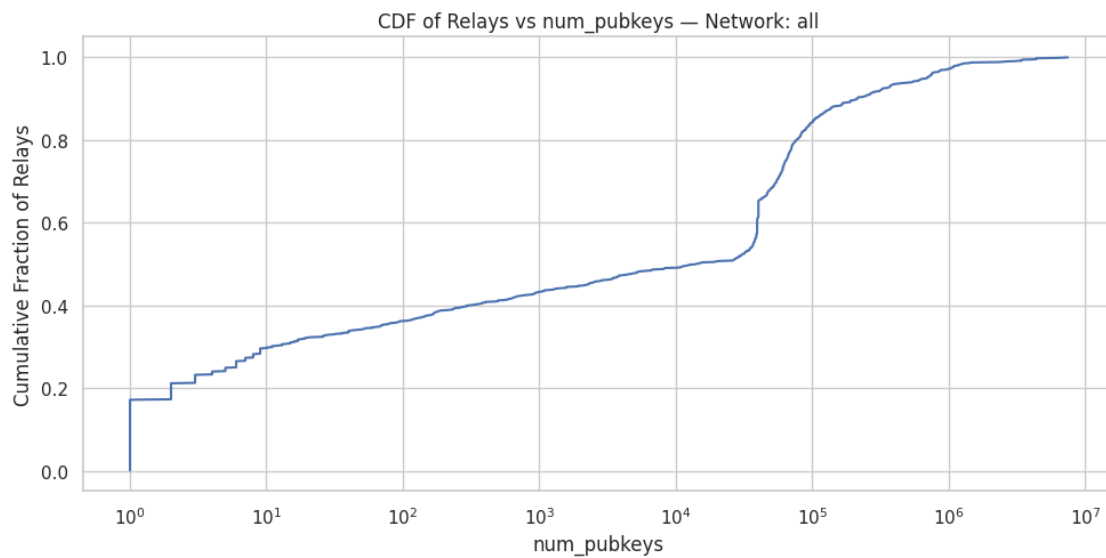
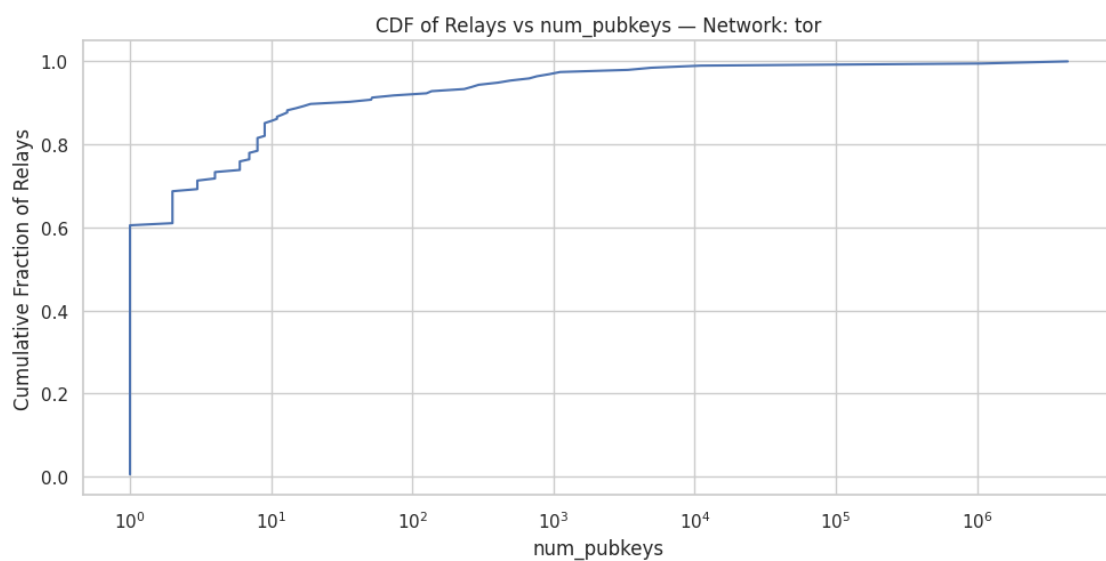
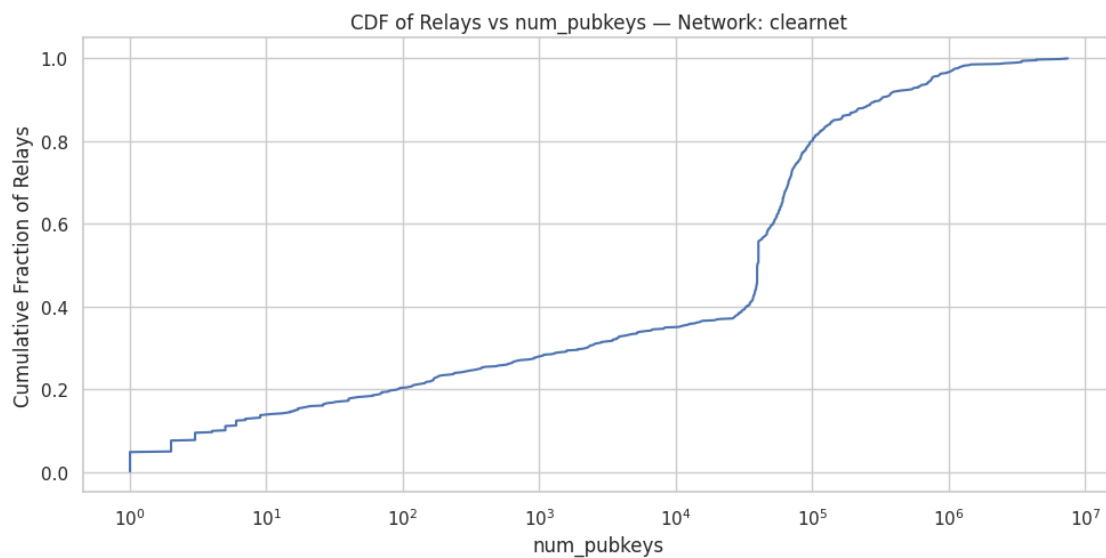


Top 5 relays with most num_pubkeys in clearnet:

- wss://directory.yabu.me: 7450716 num_pubkeys
- wss://relay.nos.social: 6578814 num_pubkeys
- wss://nostr.oxtr.dev: 4375266 num_pubkeys
- wss://nostr.0xtr.dev: 4375214 num_pubkeys
- wss://user.kindpag.es: 3464521 num_pubkeys

Top 5 relays with most num_pubkeys in tor:

- wss://oxtrdevav64z64yb7x6rjg4ntzqjhedm5b5zjqulugknhzr46ny2qbad.onion: 4390593 num_pubkeys
- wss://sovbitm2enxfr5ot6qscwy5ermdffbqscy66wirkbsigvcshumyzbbqd.onion: 1077601 num_pubkeys
- wss://3rpykuwfpvgjijym45svczvzpbur6t6x4b67lnvp6wxdre2cqoy6a4dyd.onion: 11118 num_pubkeys
- wss://hae65yo2et4gnmifkay3j35ooy6rva5nkedkoodyq4fgafpw74xlenqd.onion: 4920 num_pubkeys
- wss://ykhzqzq6p33vstqolru7b5dykjjfov7xomidnyevnb5oizopcxc57z6id.onion: 3365 num_pubkeys



	relay_url	num_events	\			
600	wss://oxtrdevav64z64yb7x6rjg4ntzqjhedm5b5zjqul...	8792611				
808	wss://nostr.oxtr.dev	8576968				

	num_pubkeys	first_eventdate	last_eventdate	pct_events	pct_pubkeys	\
600	4390593	0	1751473310	5.104648	22.410147	
808	4375266	0	1751188203	4.979454	22.331916	

	network
600	tor
808	clearnet

	relay_url	num_events	\			
58	wss://freelay.sovbit.host	7396293				
115	wss://sovbitgz5uqyh7jwcsudq4sspxlj4kbnurvd3xar...	78898				
418	wss://nostr.sovbit.host	78415				
664	wss://sovbitm2enxfr5ot6qscwy5ermdffbqscy66wirk...	7390935				

	num_pubkeys	first_eventdate	last_eventdate	pct_events	pct_pubkeys	\
58	1077913	1628046289	1751473311	4.294000	5.501805	
115	496	1640305962	1751472288	0.045805	0.002532	
418	496	1640305962	1751185520	0.045525	0.002532	
664	1077601	1628046289	1751473311	4.290889	5.500213	

	network
58	clearnet
115	tor
418	clearnet
664	tor

