

relays__overview

July 7, 2025

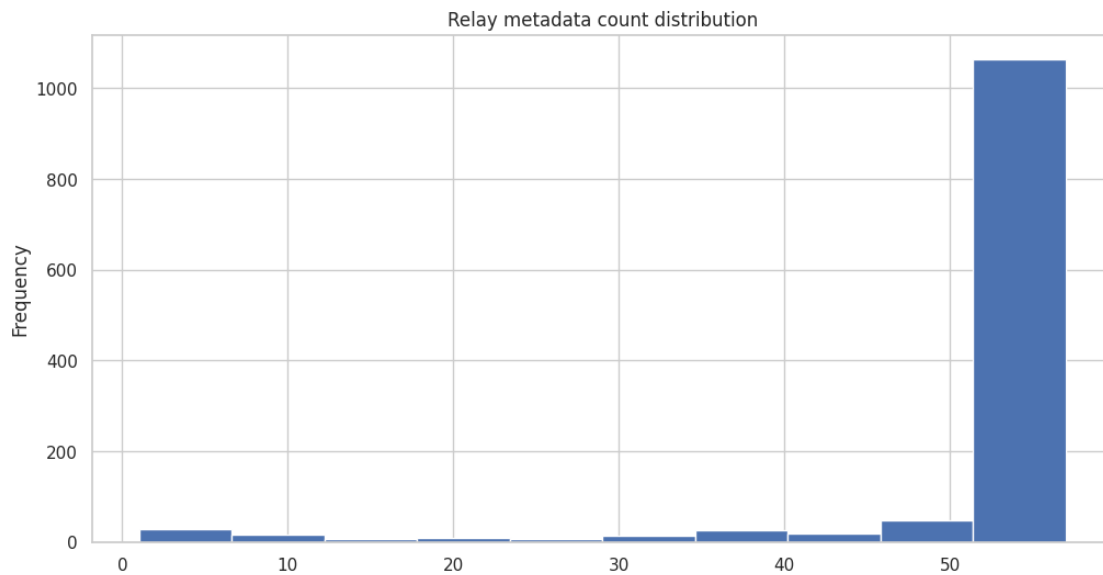
Total relays: 8865, with metadata: 1241 (14.00%)

Network distribution for relays with metadata:

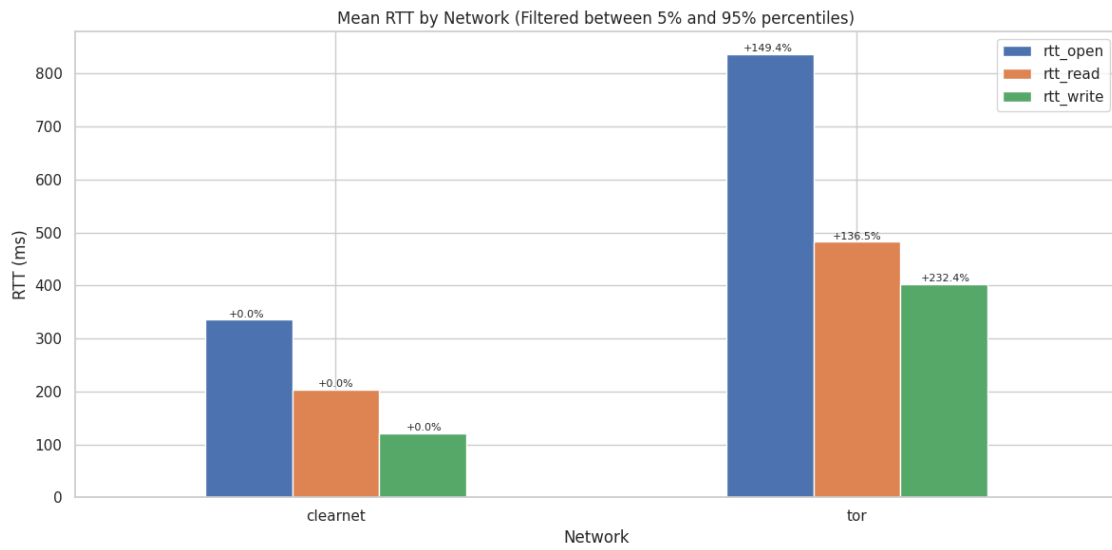
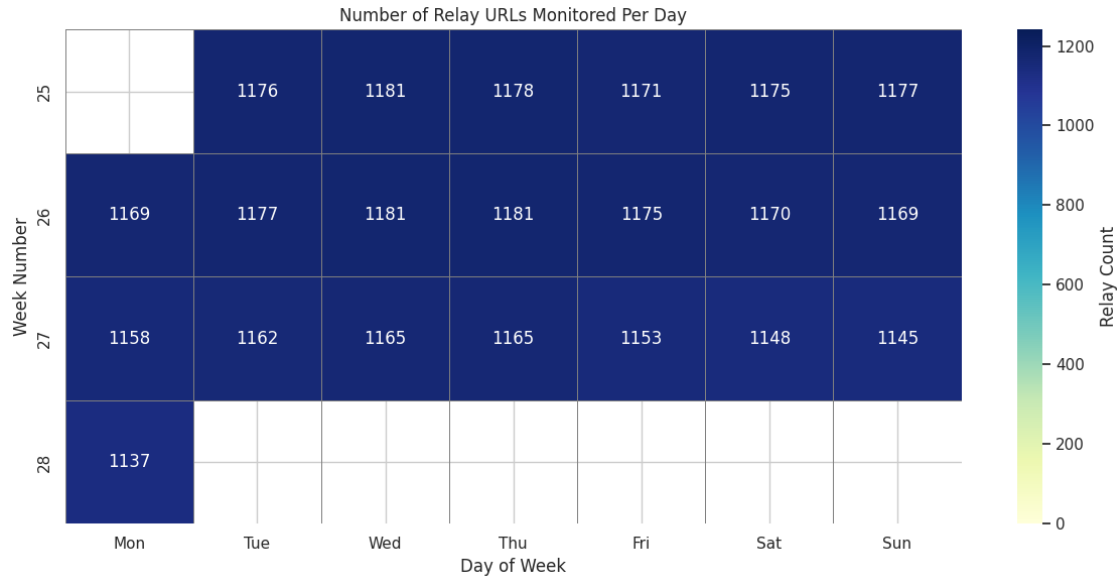
- clearnet: 993 (80.02%)

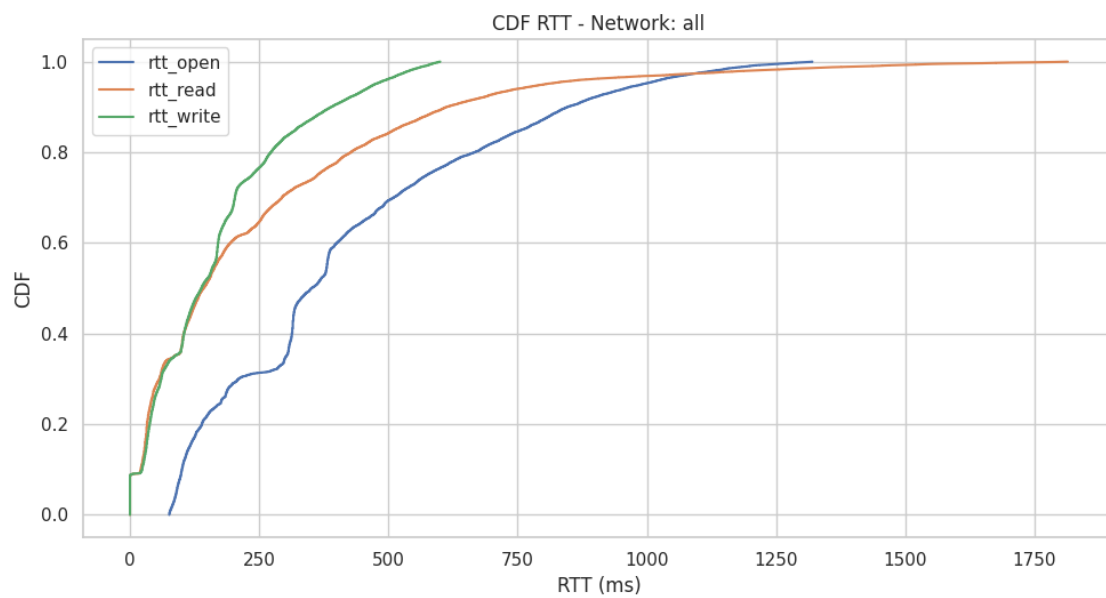
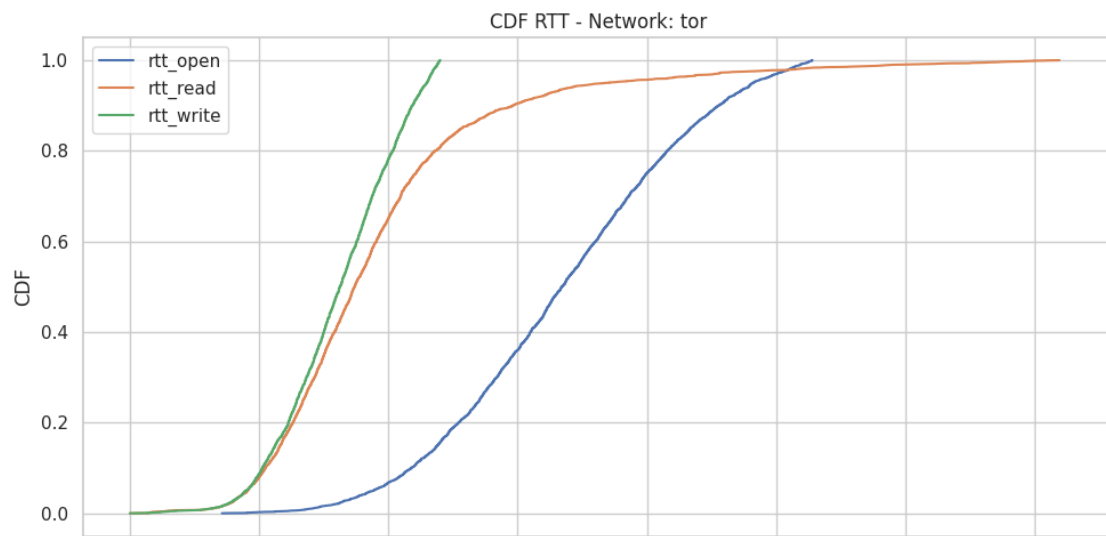
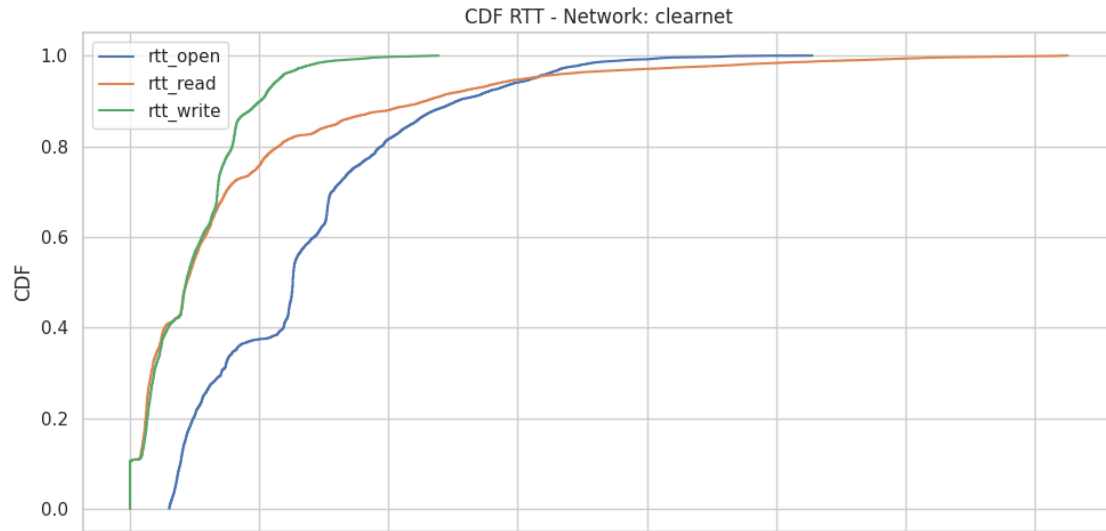
- tor: 248 (19.98%)

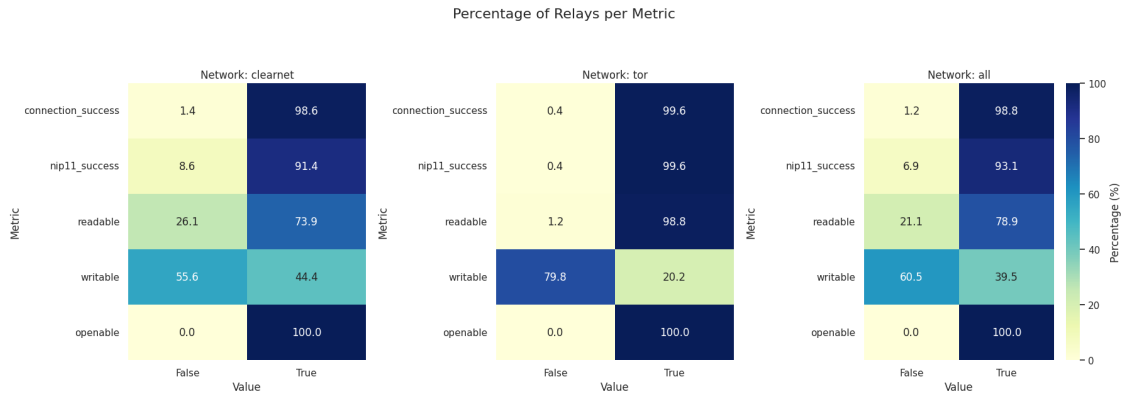
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<Axes: title={'center': 'Relay metadata count distribution'},  
ylabel='Frequency'>
```



Total unique relays with metadata: 1241







Network: clearnet

	connection_success	nip11_success	readable	writable	openable	count
0	True	True	True	True	True	417
1	True	True	True	False	True	274
2	True	True	False	False	True	199
3	True	False	False	False	True	51
4	True	False	True	False	True	20
5	True	False	True	True	True	12
6	True	True	False	True	True	4
7	True	False	False	True	True	2
8	False	True	True	False	True	1

Network: tor

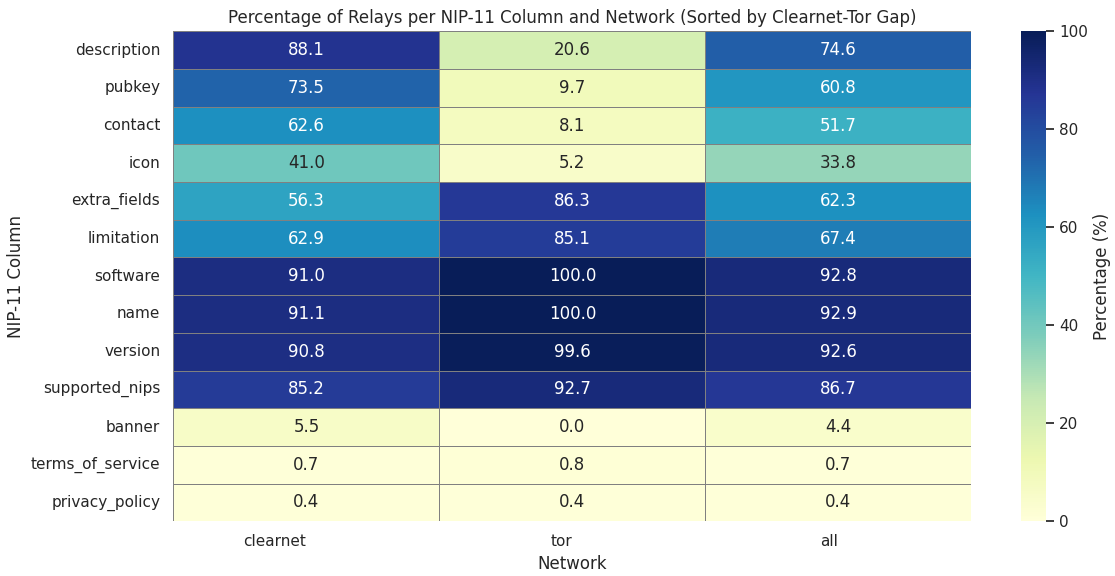
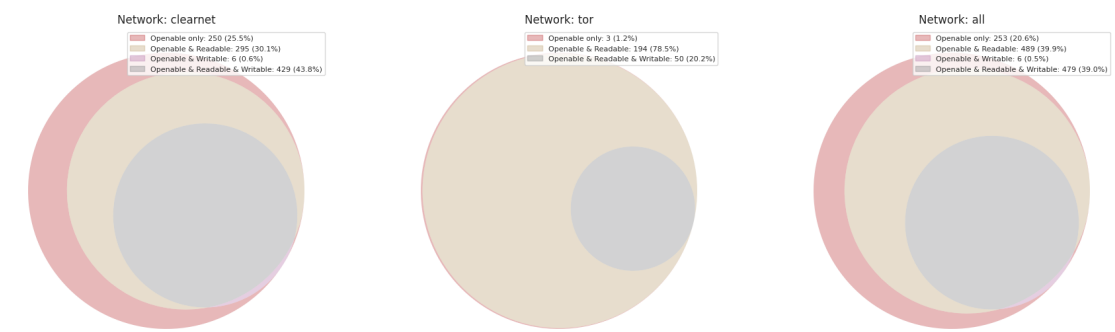
	connection_success	nip11_success	readable	writable	openable	count
0	True	True	True	False	True	193
1	True	True	True	True	True	50
2	True	True	False	False	True	3
3	True	False	True	False	True	1

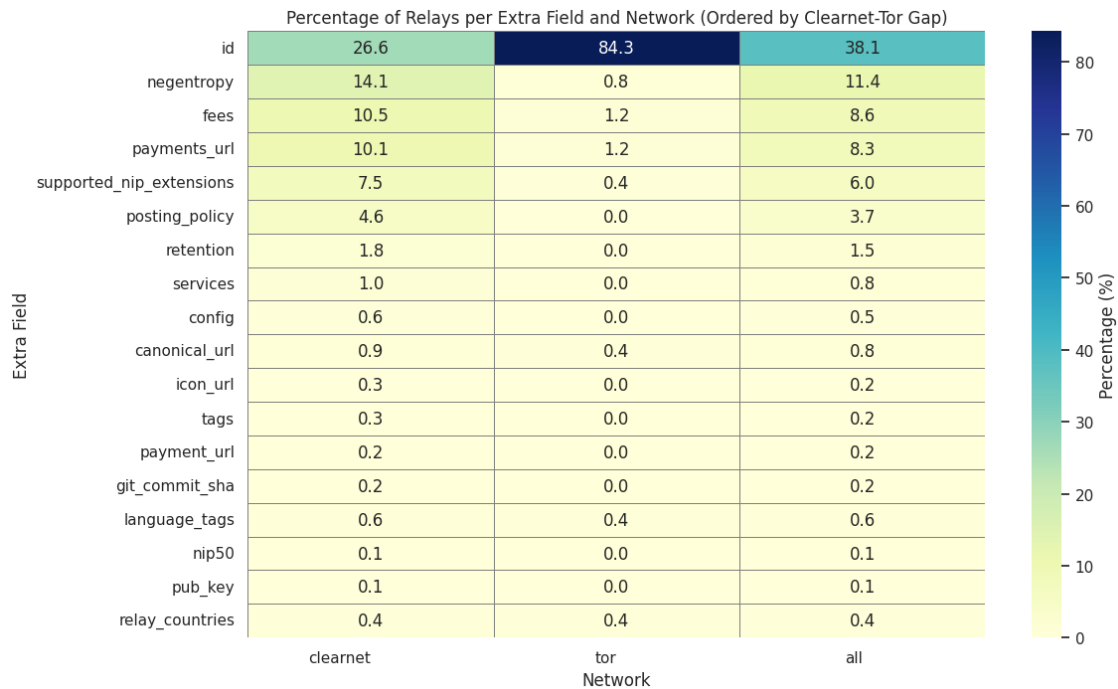
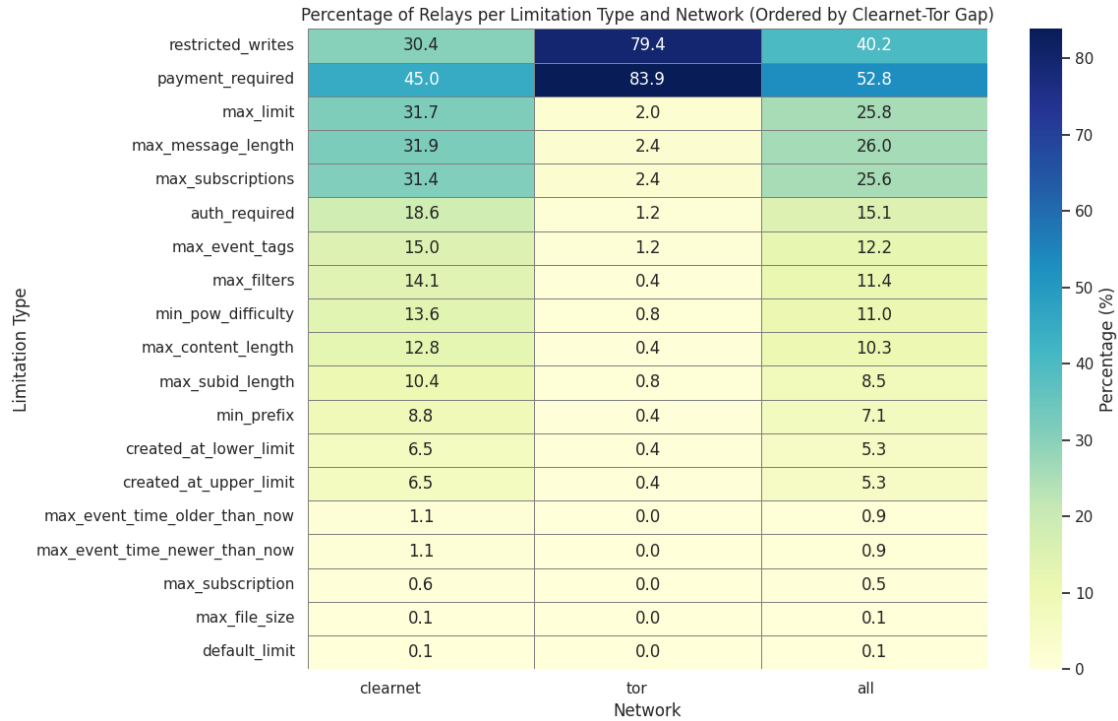
Network: all

	connection_success	nip11_success	readable	writable	openable	count
0	True	True	True	False	True	467
1	True	True	True	True	True	467
2	True	True	False	False	True	202
3	True	False	False	False	True	51
4	True	False	True	False	True	21
5	True	False	True	True	True	12

6	True	True	False	True	True	4
7	True	False	False	True	True	2
8	False	True	True	False	True	1

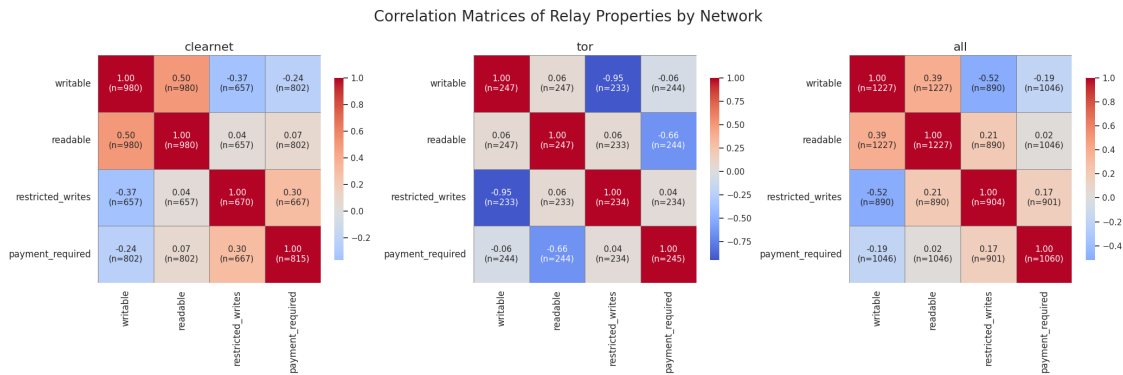
Relay Status Combinations





Number of relays in cleanet and tor: 1241
 Number of relays in cleanet: 993

Number of relays in tor: 248



Network: clearnet

	writable	readable	restricted_writes	payment_required	count
0	True	True	False	False	272
1	False	False	False	False	177
2	False	True	False	False	97
3	False	True	True	False	67
4	False	False	True	False	24
5	False	True	True	True	7
6	True	False	False	False	5
7	False	False	True	True	4
8	True	True	True	False	1

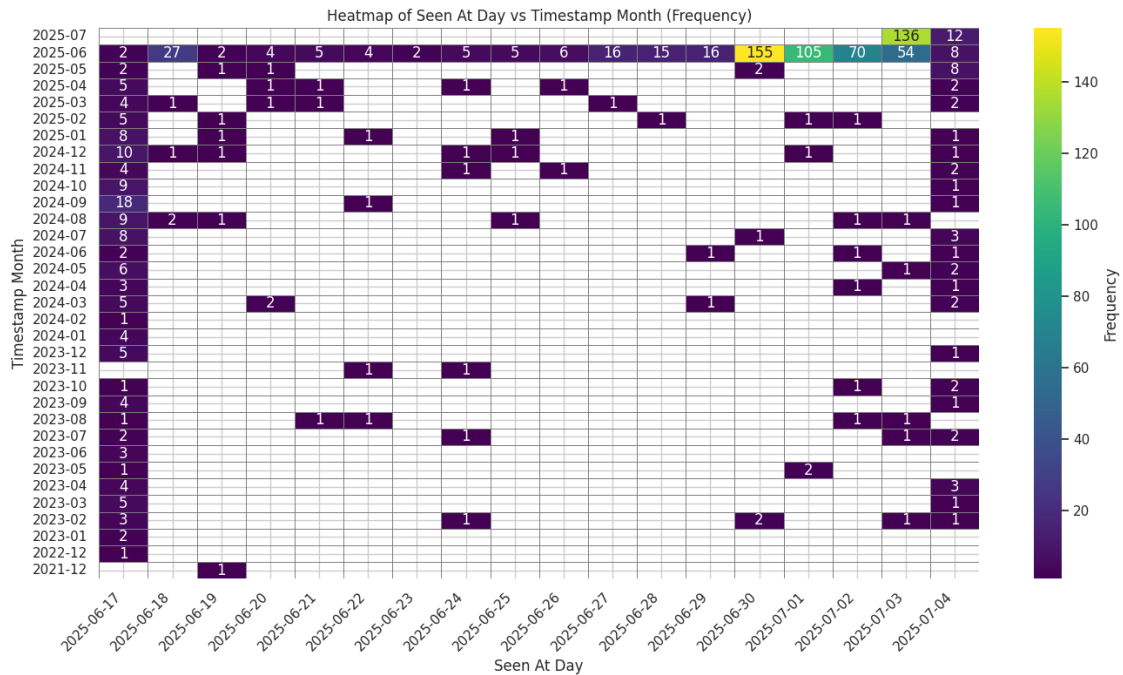
Network: tor

	writable	readable	restricted_writes	payment_required	count
0	False	True	True	False	181
1	True	True	False	False	47
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	319
1	False	True	True	False	248
2	False	False	False	False	178
3	False	True	False	False	100
4	False	False	True	False	24
5	False	True	True	True	7
6	False	False	True	True	5

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

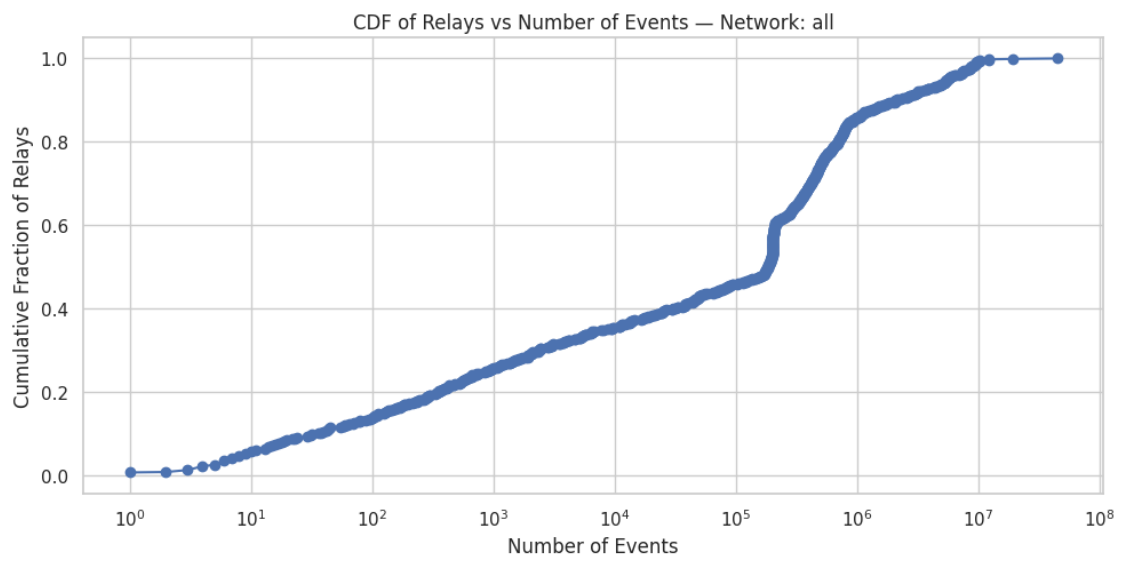
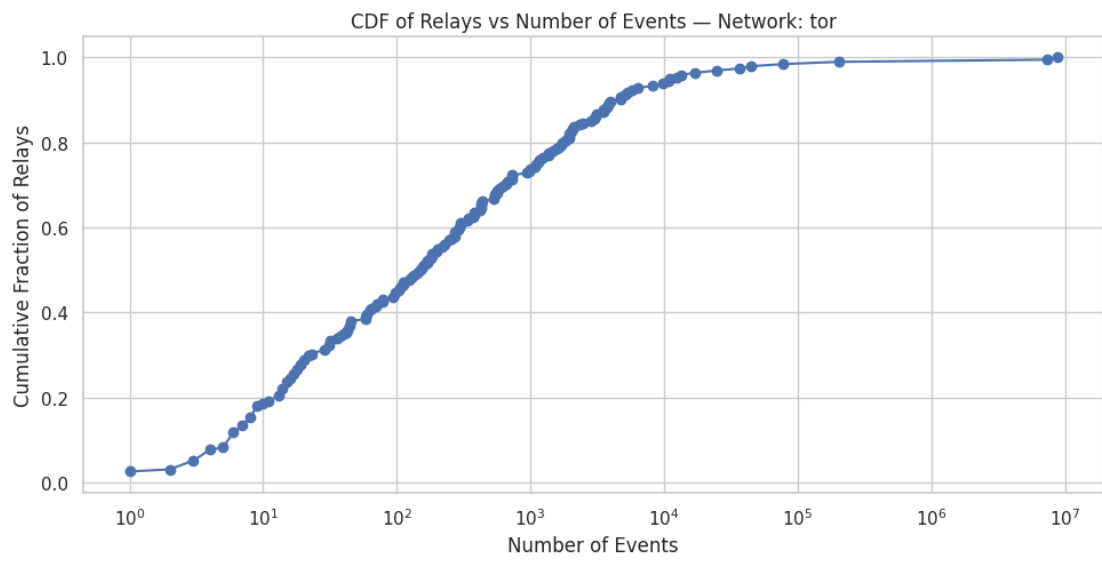
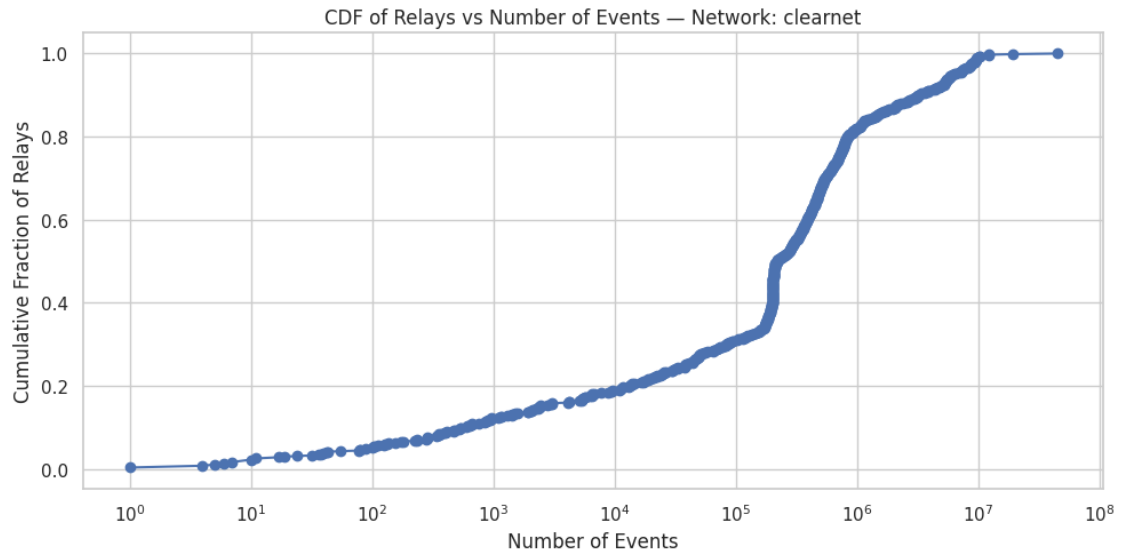


Top 3 relays with most events in clearnet:

- wss://relay.nostr.band: 44635361 events
- wss://a.nos.lol: 19150103 events
- wss://nos.lol: 12103793 events
- wss://dave.st.germa.in/nostr: 12103598 events
- wss://nostr-01.yakihonne.com: 10262997 events

Top 3 relays with most events in tor:

- wss://oxtrdevav64z64yb7x6rjg4ntzqjhedm5b5zjqulugknhzr46ny2qbad.onion: 8726537 events
- wss://sovbitm2enxfr5ot6qscwy5ermdffbqscy66wirkbsigvcshumyzbbqd.onion: 7390935 events
- wss://3rpykuwfpjgijym45svczvzpbur6t6x4b67lnvp6wxdre2cqoy6a4dyd.onion: 202968 events
- wss://sovbitgz5uqyh7jwcsudq4sspxlj4kbnurvd3xarkkx2use3k6rllibqd.onion: 78420 events
- wss://cmuqxreb6oma3x3iq3zh62im7w4266uo3txac6e75qtlfqs7scwqyqyd.onion: 45099 events



	relay_url	network	timestamp	\
19	wss://nostr.oxtr.dev	clearnet	1751188203	
134	wss://oxtrdevav64z64yb7x6rjg4ntzqjhedm5b5zjqul...	tor	1751371575	

	seen_at	timestamp_month	seen_at_day	event_count
19	1751417168	2025-06	2025-07-02	8576968
134	1751588624	2025-07	2025-07-04	8726537

	relay_url	network	timestamp	\
275	wss://sovbitm2enxfr5ot6qscwy5ermdffbqscy66wirk...	tor	1751473067	
358	wss://sovbitgz5uqyh7jwcsudq4sspxlj4kbnurvd3xar...	tor	1751166521	
387	wss://freelay.sovbit.host	clearnet	1751473181	
396	wss://nostr.sovbit.host	clearnet	1751056247	

	seen_at	timestamp_month	seen_at_day	event_count
275	1751576506	2025-07	2025-07-03	7390935
358	1751289267	2025-06	2025-06-30	78420
387	1751576877	2025-07	2025-07-03	7396293
396	1751415488	2025-06	2025-07-02	78415