

### Running flag in votes and consensus on 2009-04-01 at 18:00:00



Figure 1: The **Running** flag shows how the voting process should work. Most relays are included in all six votes (colored dots) and therefore in the consensus, too (black dots). In the third from last row, relays are missing in single votes which does not affect the consensus. In the last but one row, relays are missing in three or more votes and are therefore not included in the consensus.

### Fast flag in votes and consensus on 2009-04-01 at 18:00:00



Figure 2: The Fast flag looks pretty much the same. This and all subsequent graphs only show relays which have the Running flag in the consensus.

V2Dir flag in votes and consensus on 2009-04-01 at 18:00:00



Figure 3: The V2Dir flag looks normal, too.

Exit flag in votes and consensus on 2009-04-01 at 18:00:00



Figure 4: Same picture for the Exit flag.

### Guard flag in votes and consensus on 2009-04-01 at 18:00:00

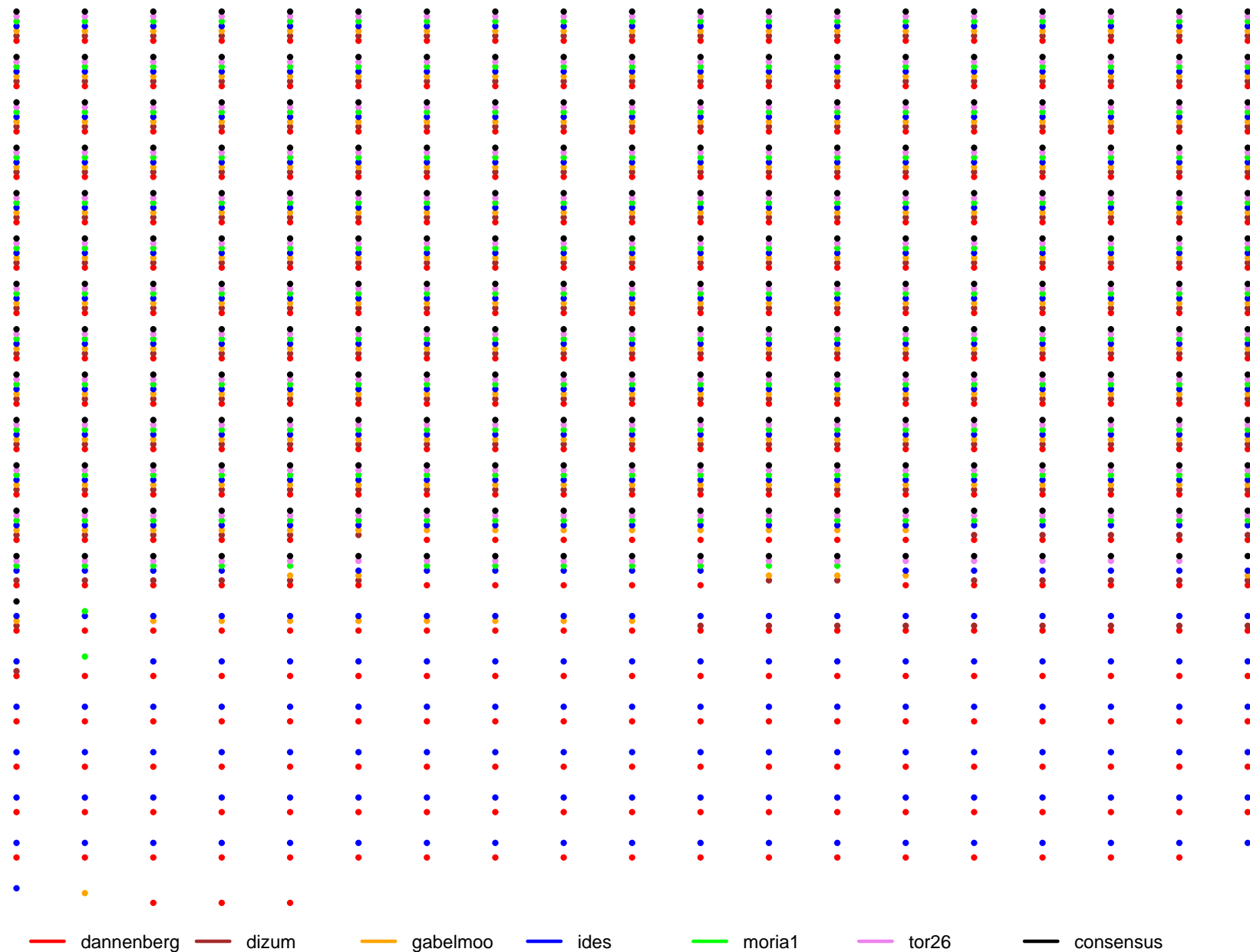


Figure 5: The **Guard** flag exhibits an interesting artifact: There are a whole bunch of relays that **ides** and **dannenberg** would like to see as guard nodes, but the others don't. Why would that be?

### Stable flag in votes and consensus on 2009-04-01 at 18:00:00



Figure 6: And finally, we have the `Stable` flag. Voting seems to work, but boy, do the authorities have different opinions on the stability of relays. Again, `ides` and `dannenberg` happily flag relays as stable, but the others don't. This might be one reason for the high volatility in the number of `Stable` nodes over time.