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Internet Voting and Trust in the Swiss Context

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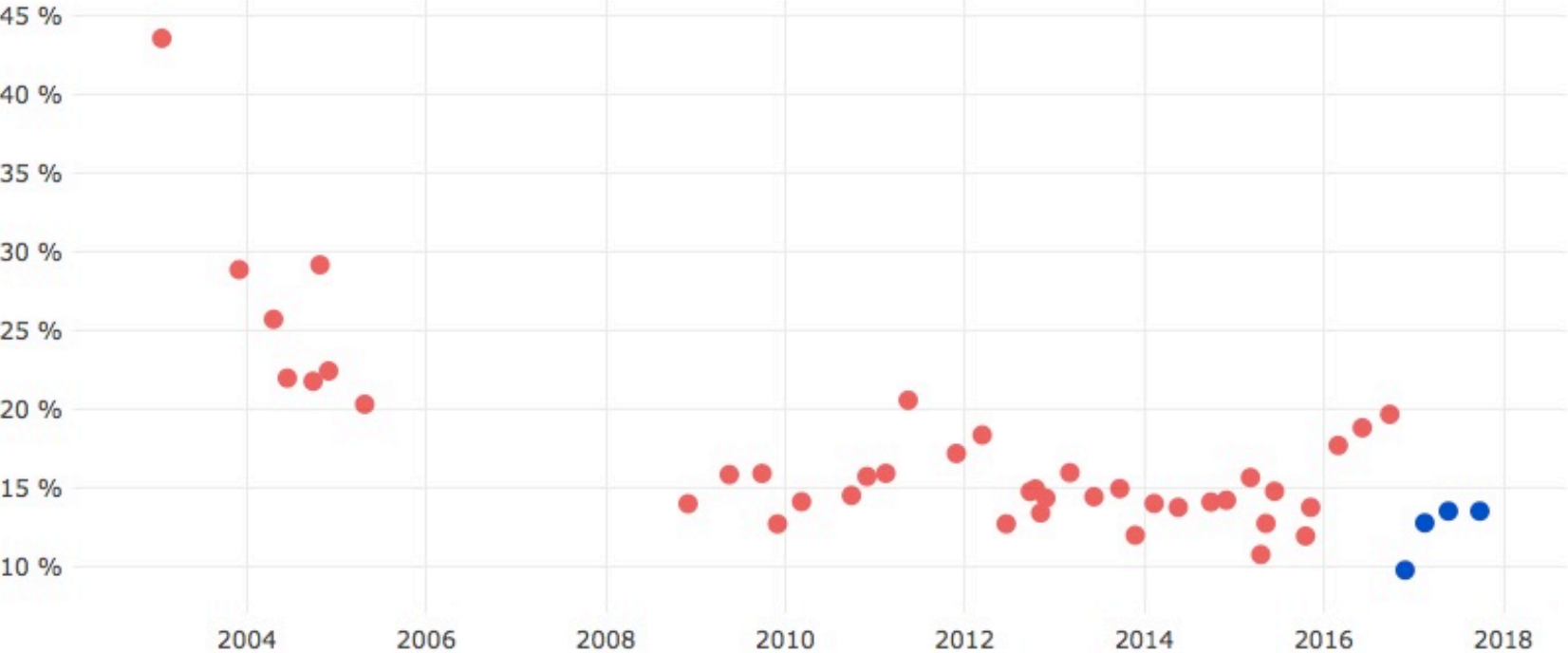
Looking at Internet Voting User Rates:

**Is the glass half full
or half empty ?**

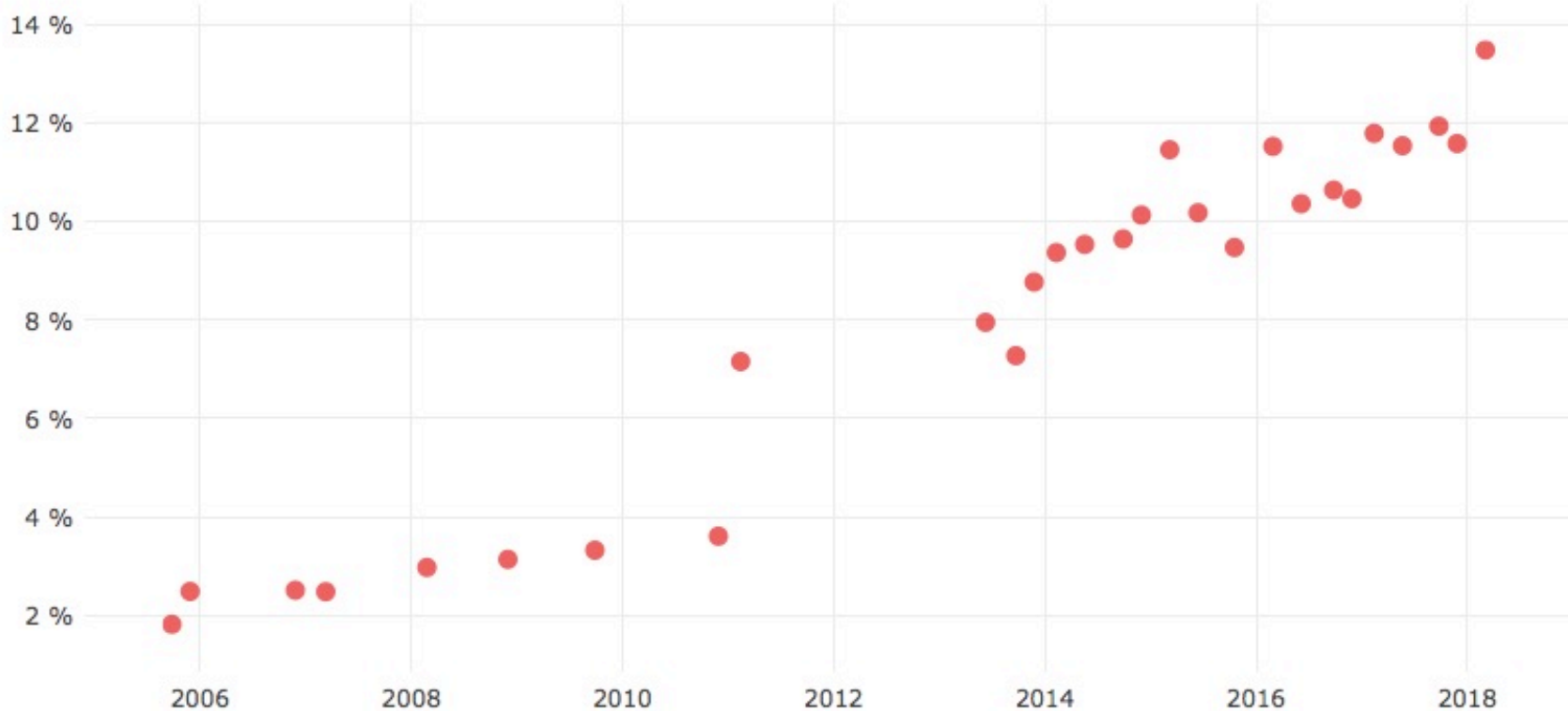
Internet voting user rates are too low

- ❑ **Estonia** – rates seem to level off in the lower 30%
- ❑ **Norway** – two trials 2011 & 2013: 26.4% & 36.4%
- ❑ **Australia** – in the low single digits
- ❑ **Canada** – Markham around 15%

Internet Voting User Rates, Canton of Geneva



Internet Voting User Rates, Canton of Neuchâtel



Swiss internet voting survey 2016 - Trust in the three voting channels:

On a scale from 0-10

- 8.5 ballot box voting
- 8.2 postal voting
- 6.6 internet voting

Swiss internet voting survey 2016 - Support for trust-building measures:

1. Verifiable vote with code on the ballot 68%
2. Testing internet voting on demo site 63%
3. Security audits by external experts 55%
4. Electronic ballot box opening with citizens 38%
5. Repeated voting until election day 22%
6. Making the source code public 22%

do not know = 57%

Potential Avenues ...

- Decentralization (Warkentin et al. 2018 GIQ)
- Materialization (2D or 3D solutions)