

## Propositions

### Towards conditional stimulation of the overactive bladder: electrophysiology and neuromodulation in a rat model

1. Voiding in rats is preceded by detectable changes in the frequency spectrum of the bladder pressure, even before a voiding contraction develops noticeably.
2. Changes in the frequency spectrum of non-voiding contractions can be used as a trigger event for conditional stimulation of the bladder.
3. Tibial nerve stimulation inhibits bladder afferent nerve activity in rats.
4. The usual complicated dual-compartment *in vitro* setup for bladder electrophysiology can be replaced by a simple, single compartment setup using perfluorocarbons.
5. A mathematical model can breakdown mixed nerve recordings into afferent and efferent traffic in simulated detrusor overactivity.
6. Growing old reduces variance in everyday-life events, ultimately leading to a zero variance, at death.
7. A complete integration of immigrants from morally governed cultures into European society is difficult because Europe is more a culture of individual freedom than morals.
8. Many people think of climate change as another TV news item that does not concern them. Many also thought of terrorism as another TV news item that did not concern them.
9. It is astonishing to see European people complain about things which people in India can only dream of. Having spent a few years in Europe, Wi-Fi connectivity seems much more of a problem than daily bread for me as well.
10. Until and unless outdated religious texts are updated reflecting the ever changing world, people will keep worshipping cows, hating pigs, transferring their sins to chickens, peeling off holy foreskins, asking for more virgins than they can handle and keep killing people not following these beliefs.
11. Algorithms and actors are all we will need for most future medical diagnoses.