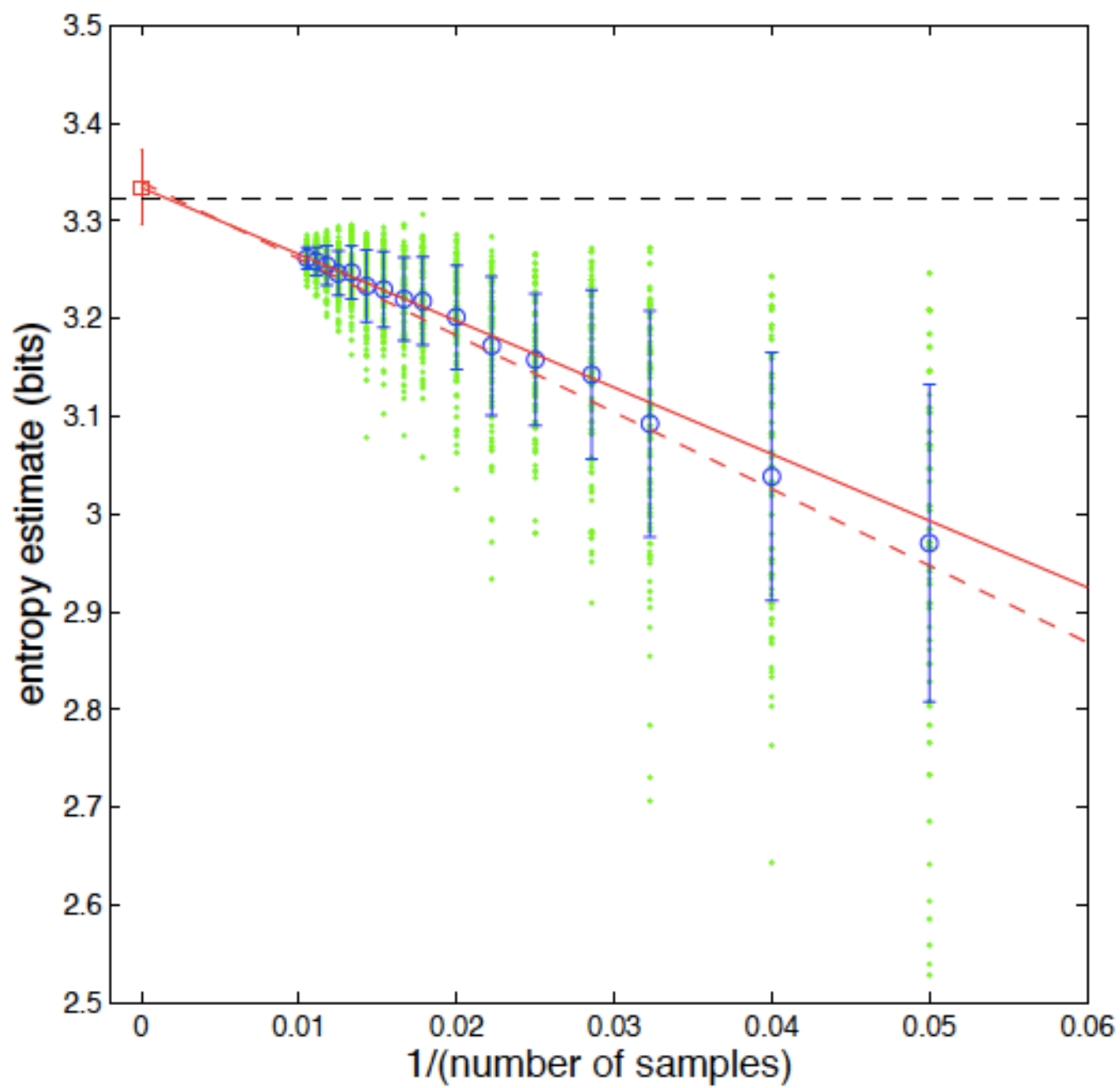
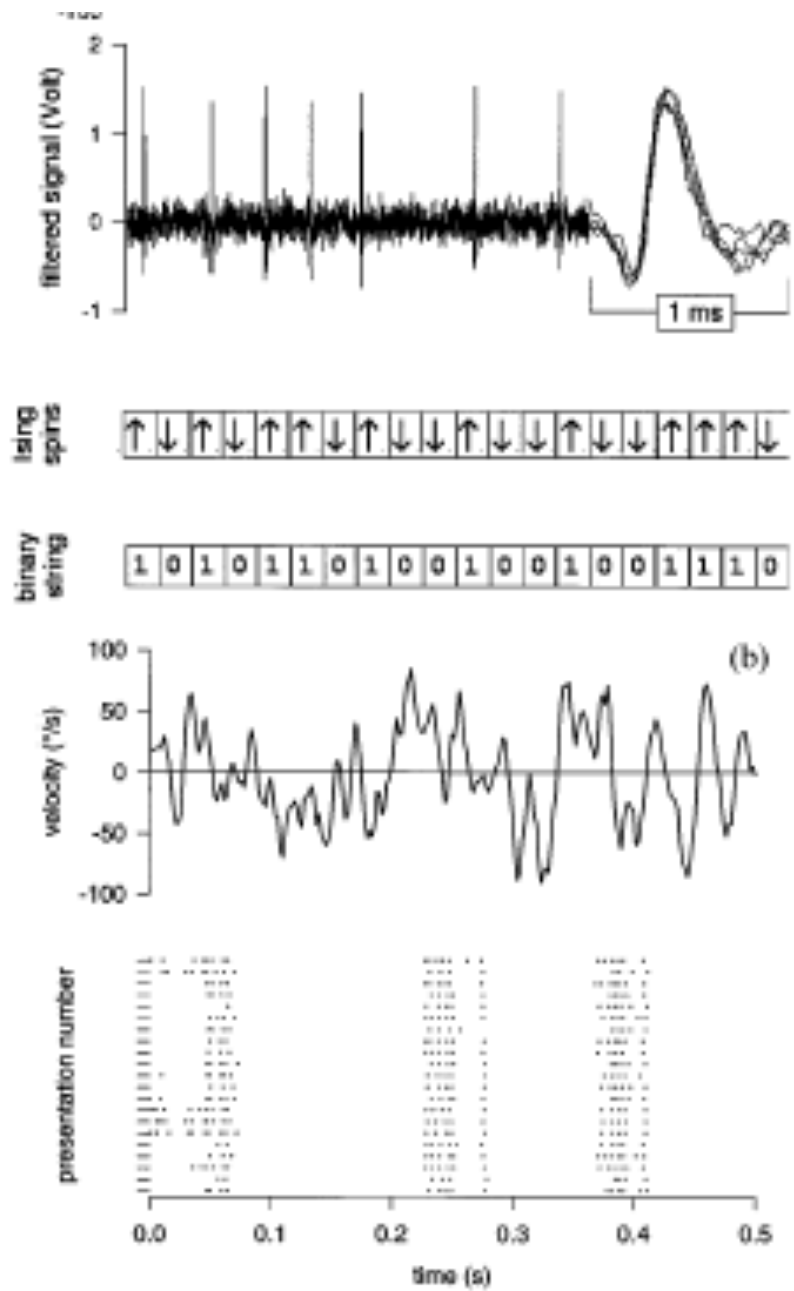


Lecture 10

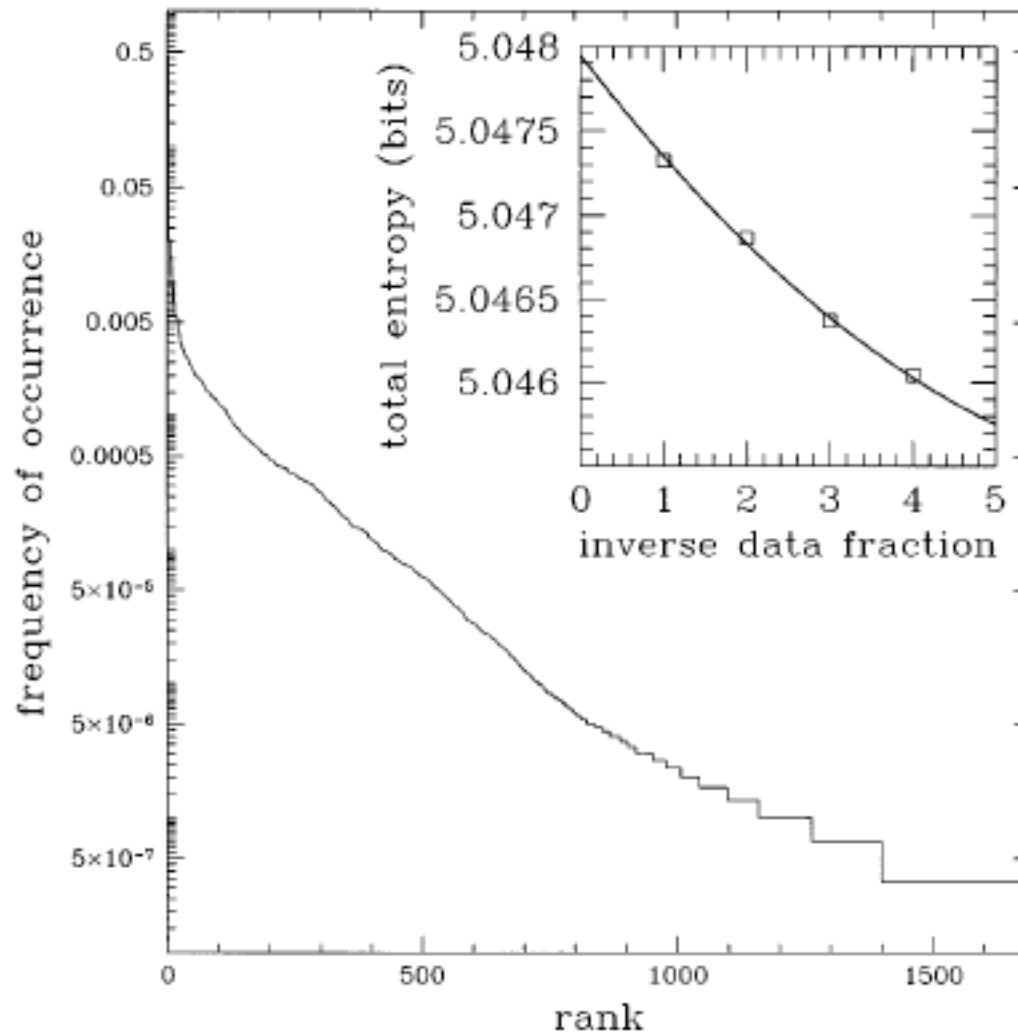
Estimating entropies from real data (Strong et al., PRL, 1998; Bialek's book Biophysics Appendix A.8)



Spike data on the fly motion-sensitive neurons

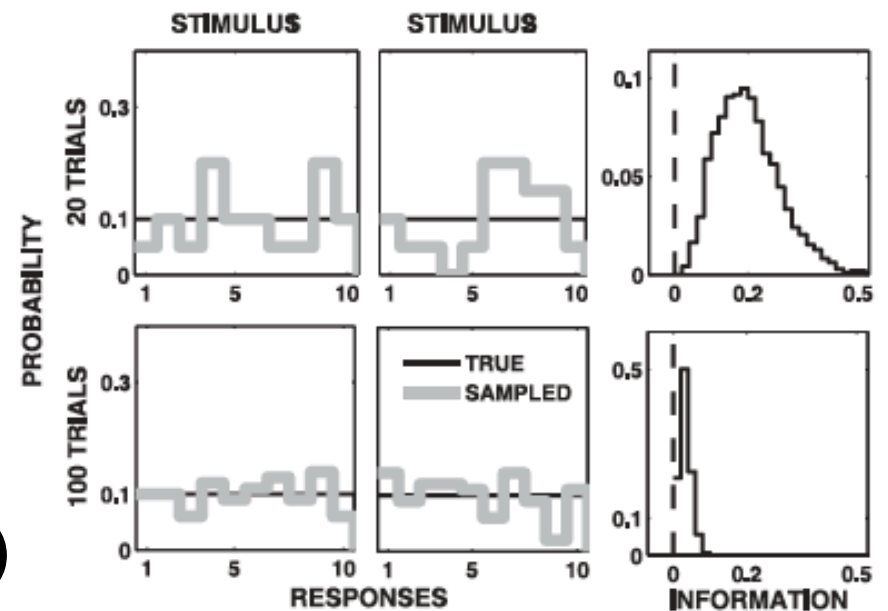


Estimating entropies from spike data on the fly motion-sensitive neurons

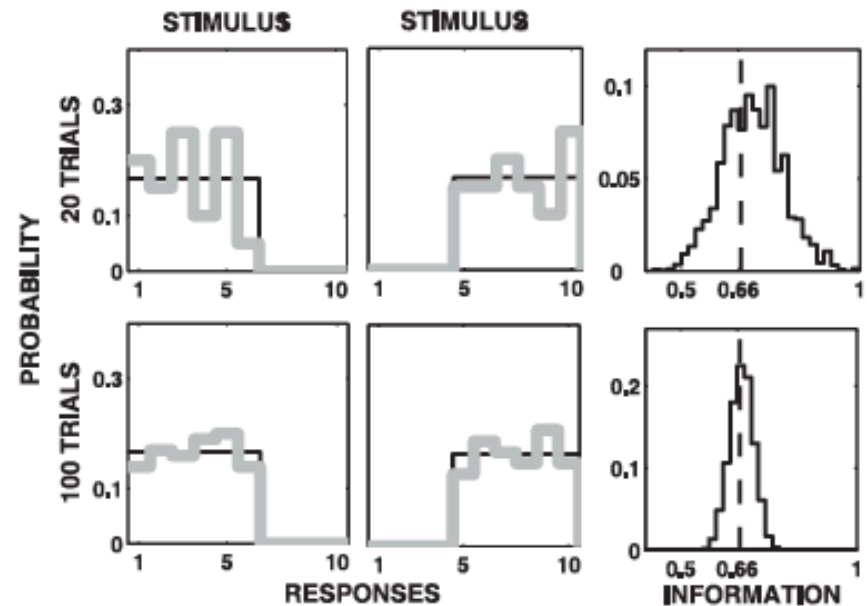


$$I(R, S) = H(R) - H(R | S)$$

A NON-INFORMATIVE NEURON



B INFORMATIVE NEURON



Self-consistency checks on extrapolated values

