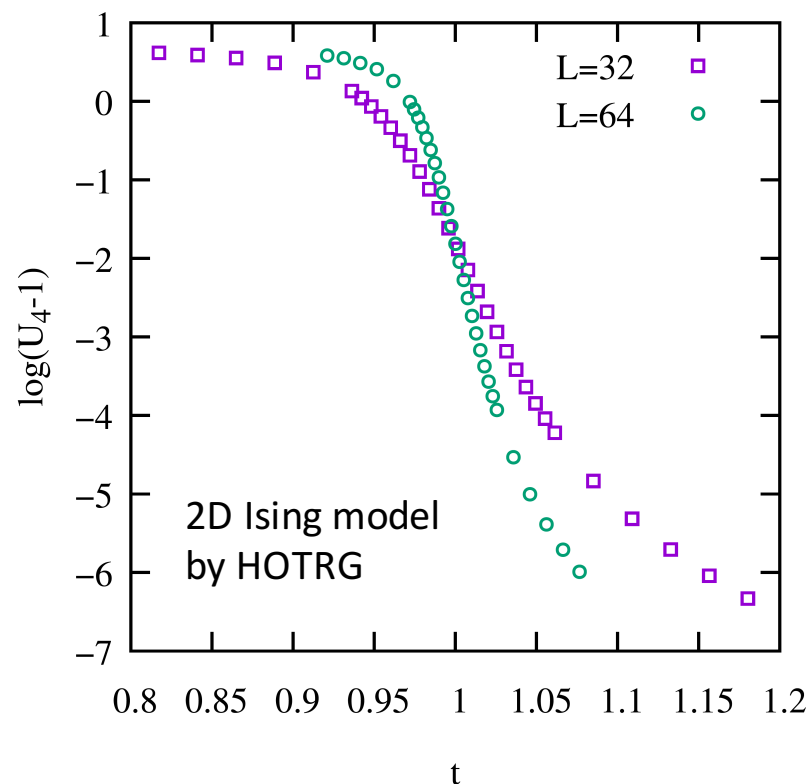
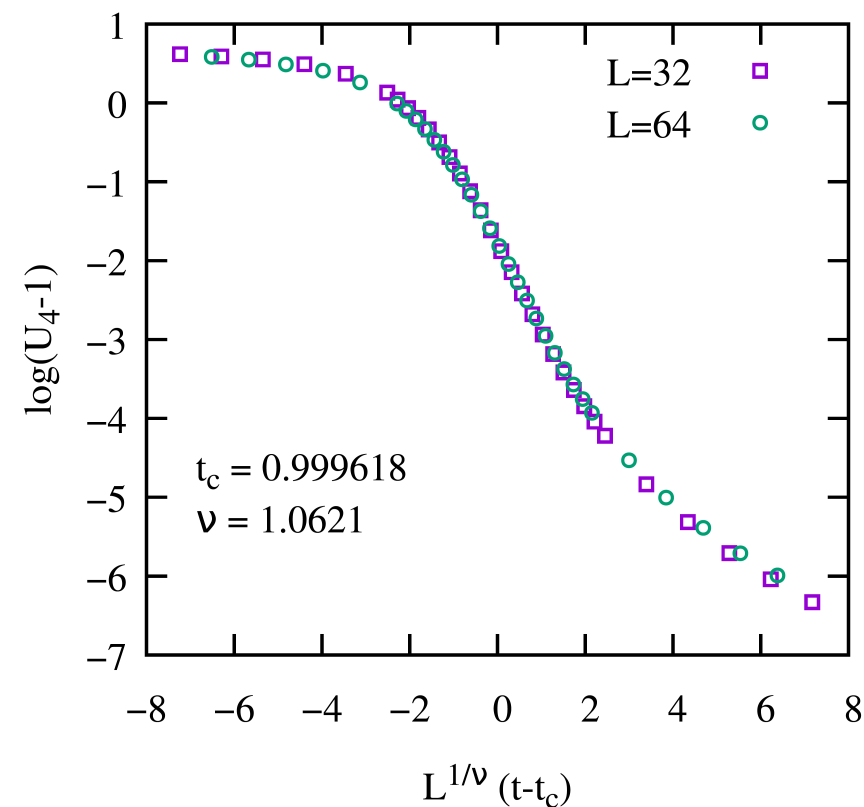
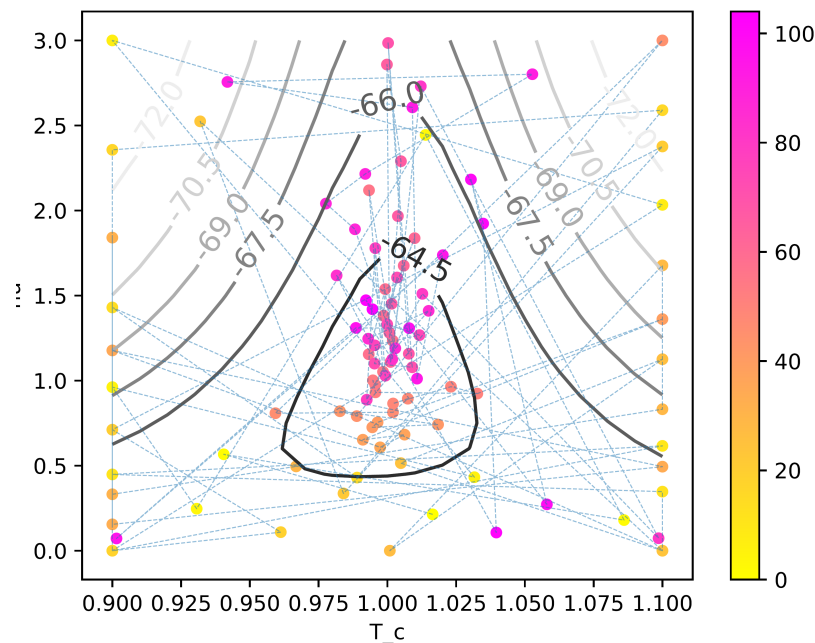


Finite-size scaling analysis



Bayesian optimization

$$\log(U_4 - 1) = \Psi(L^{1/\nu}(T - T_c))$$



Exact solution

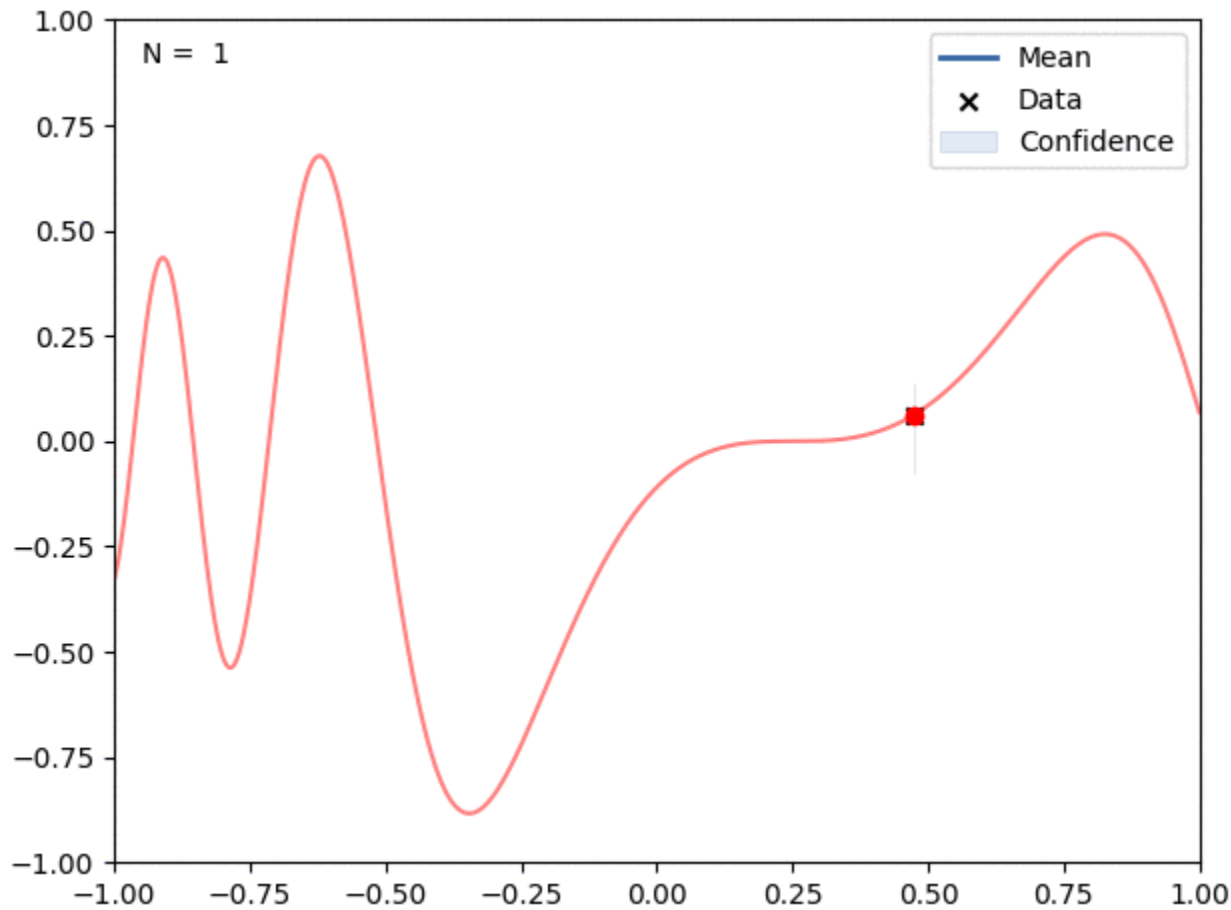
$$t_c = 1.0$$

$$\nu = 1.0$$

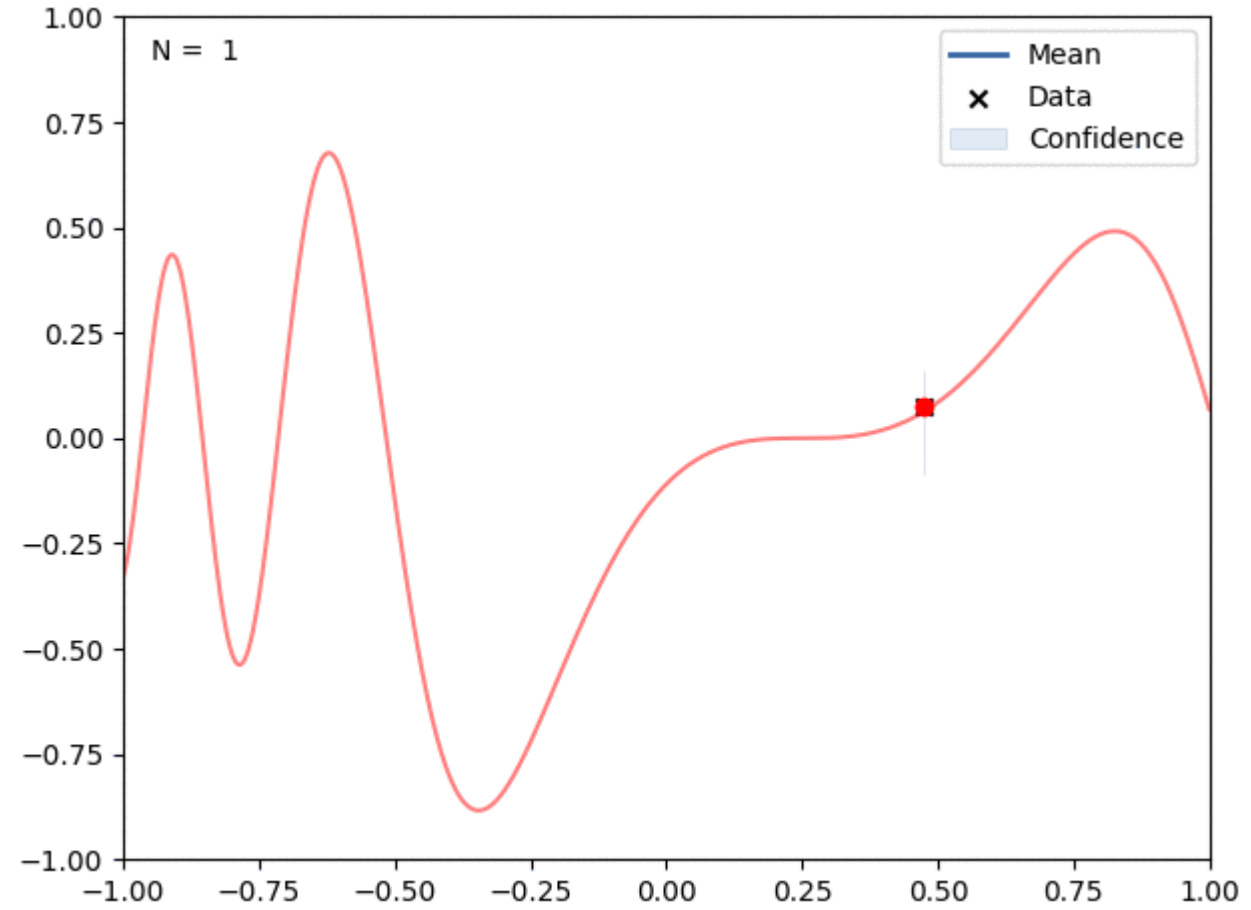
GPyOpt

<https://sheffieldml.github.io/GPyOpt/>

Gaussian process regression by GPy



Mock data $y = e^{-x^2} \sin[7(x - 1/4)^3]$



Y + gaussian noise $0.01 \times \mathcal{N}(1, 0)$

[GIF animation]

GPy <http://sheffieldml.github.io/GPy/>