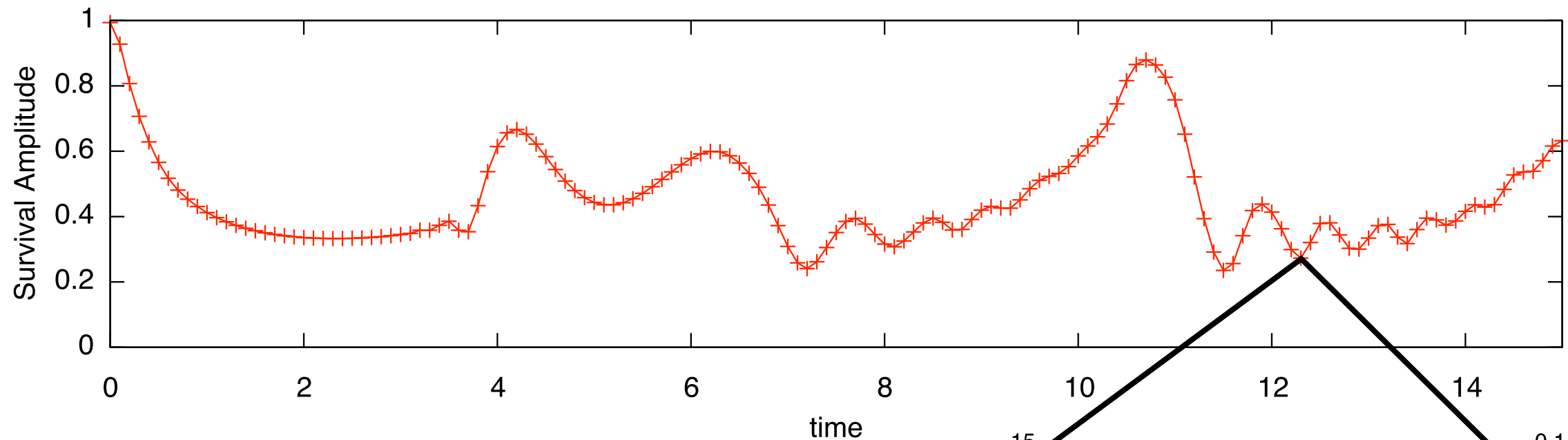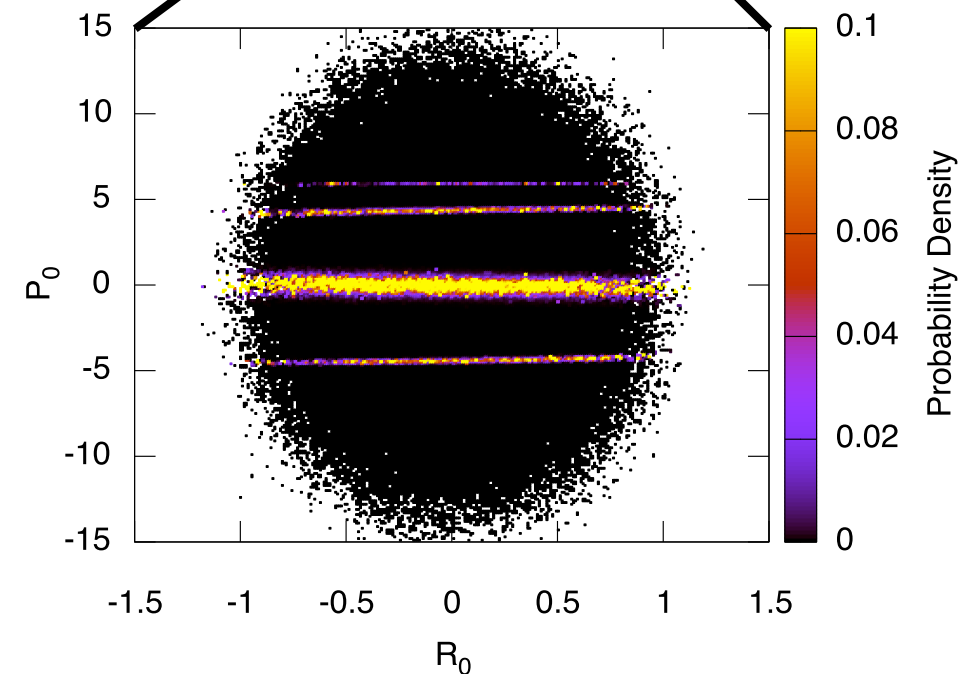# IIPSD Example

Axes are initial phase space

white: not sampled
black: unimportant

Small, distinct regions indicate likely interference effects

$$\bar{I}(\xi_0) = \frac{1}{N} \int \mathrm{d}\xi \; (I(\Omega_0, \Omega_0') + I(\Omega_0', \Omega_0)) \, \delta(\xi - \xi_0)$$

Caveats

- this approach is still *ad hoc*

- ignores the prefactor amplitude

- characterizing multidimensional structures is hard

- systems tested so far are simplistic