(d1) **Gray-Scott model :**

$$\partial_t u = D_u \nabla^2 u - uv^2 + F(1-u) + \sqrt{2D}\xi_u$$

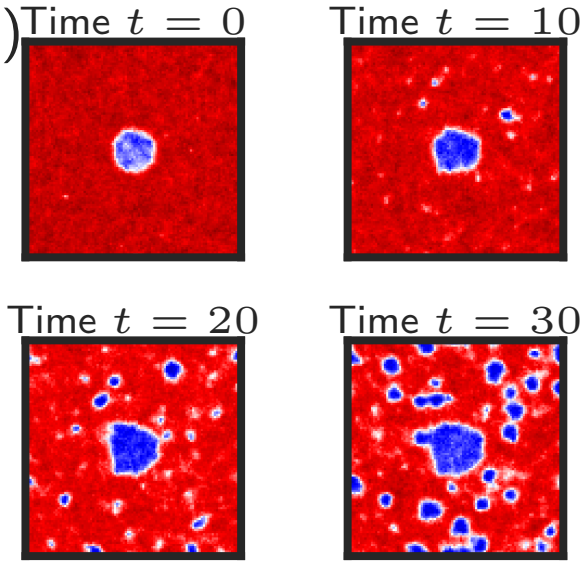
$$\partial_t v = D_v \nabla^2 v + uv^2 - (F+k)v + \sqrt{2D}\xi_v$$

$$\mathcal{B}_0 = \{1, u, v, uv, u^2, \ldots, uv^3, v^4, \partial_x u,$$

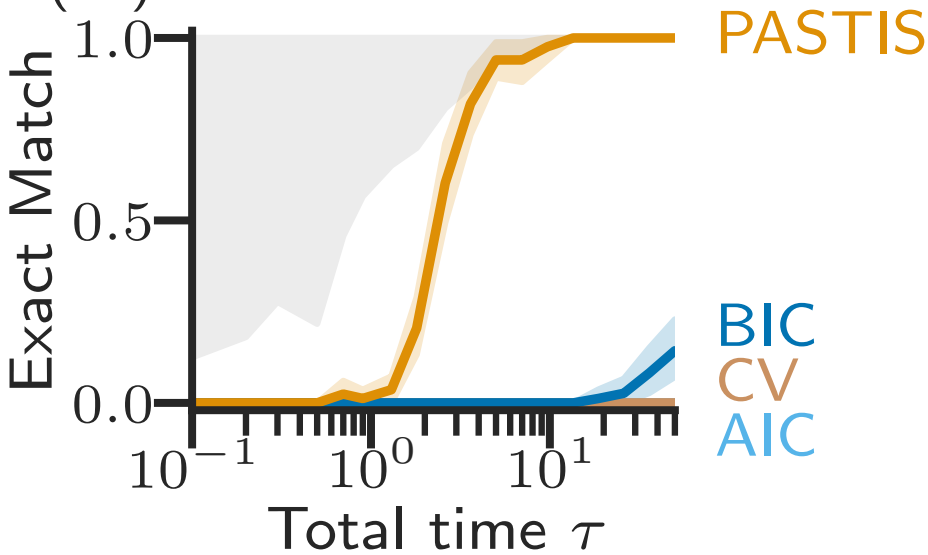
$$\ldots, u\partial_x v, \ldots, \partial_x v \partial_y v, \nabla^2 u, \nabla^2 v\}$$

$$n_0 = 78, n^* = 7$$

(d2)



(d3)



(d4)