Case study

Cancer simulator

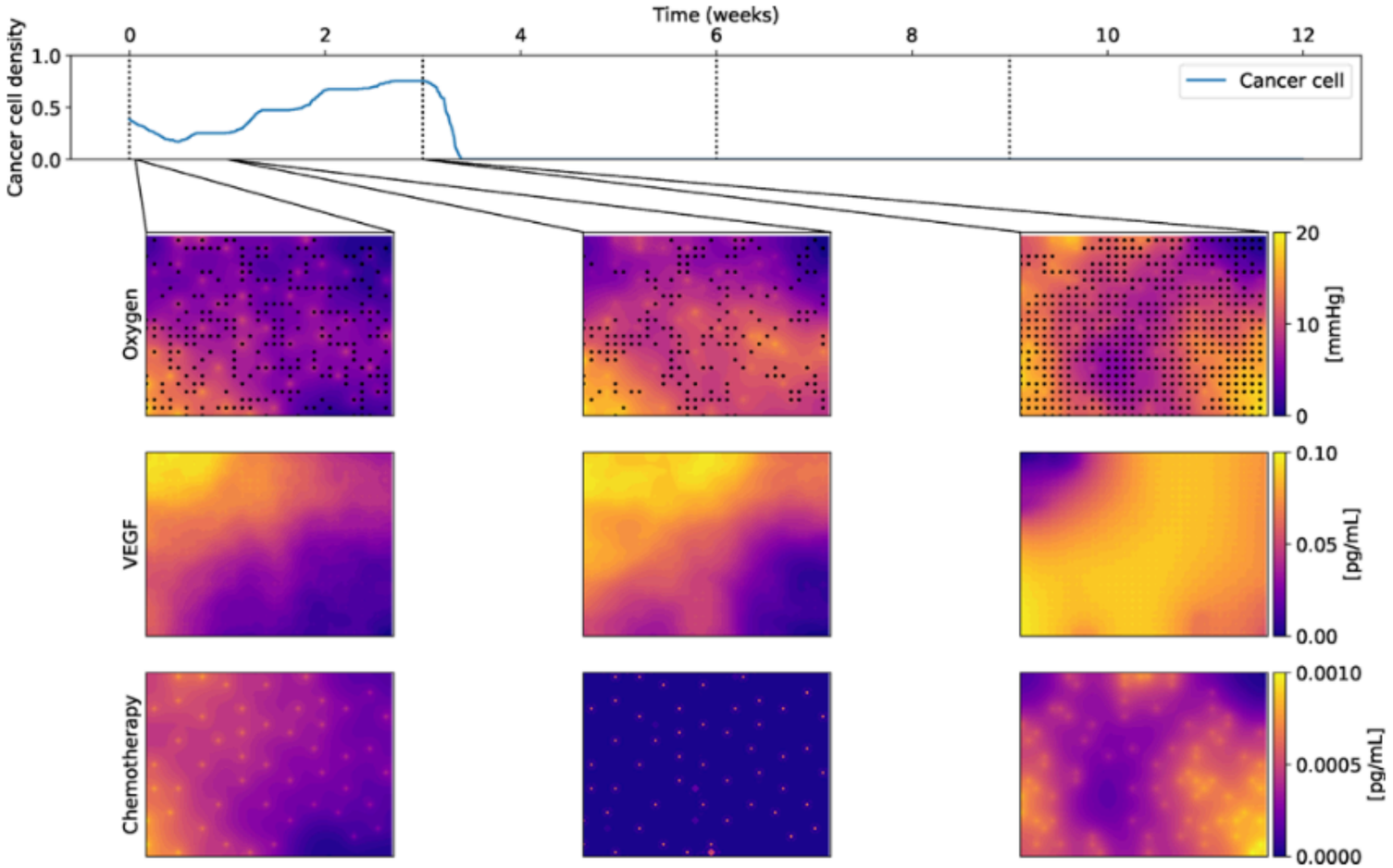

Figure from Lai et al, 2021

Case study

Cancer simulator

- We assume that we can observe the density of cancer cells in the grid every 3 days for the first 3 week treatment period

$$s_k := s(x_{t_k}) = \frac{1}{660} \sum_{i=1}^{660} y^{(i)}_{t_k,\text{cells}}. \quad k = 1,2,\ldots,6$$

Figure from Lai et al, 2021