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Spatial vs. non-spatial eco-evolutionary dynamics in a tumor growth model

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Highlights

- Cancer is an evolutionary spatial game in which different cell types compete for resources to proliferate and survive
- This paper analyzes a spatial game of metastatic castrate-resistant prostate cancer (mCRPC)
- For almost all case studies the predictions of the spatial model differ from those of a non-spatial one
- Non-spatial cancer models might be insufficient for capturing key elements of tumorigenesis

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