

Prostate results

Look at how the location of the tumour in the prostate affects PSA levels with compact tumours.

Central tumour:

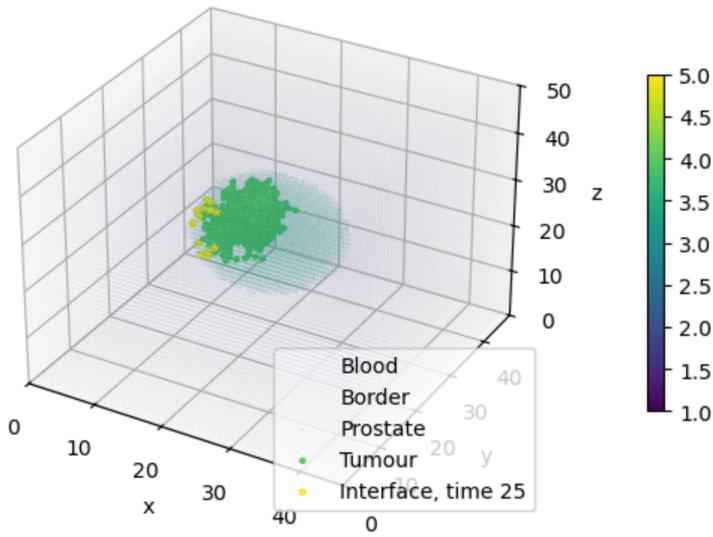


image-229.png

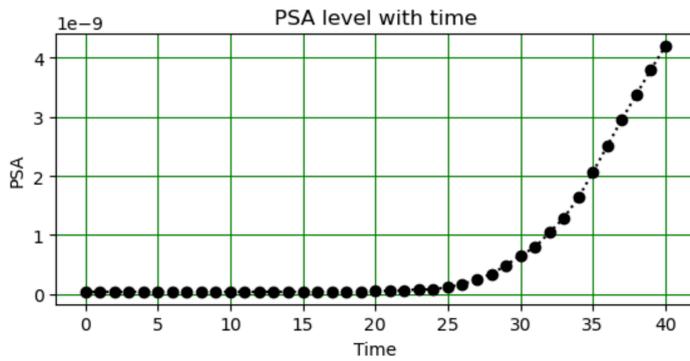
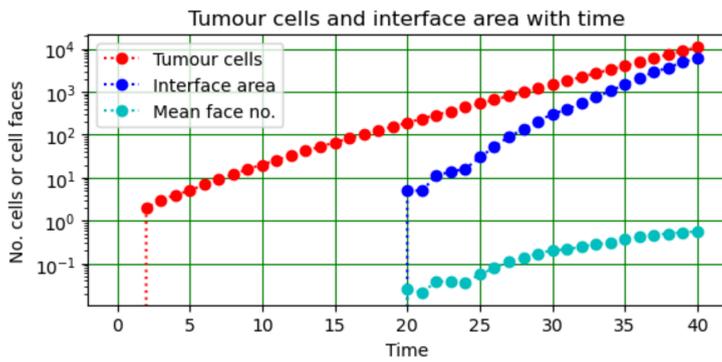


image-137.png

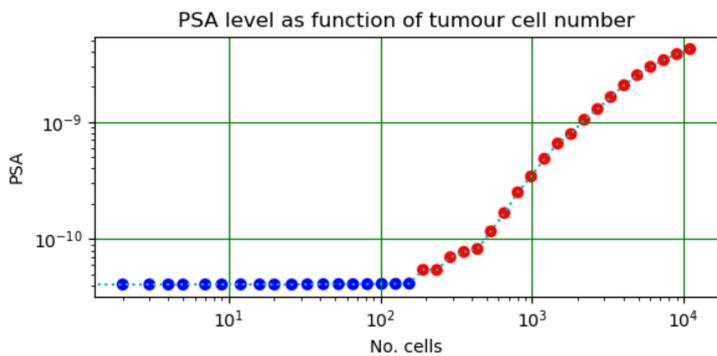


image-159.png

Peripheral tumour

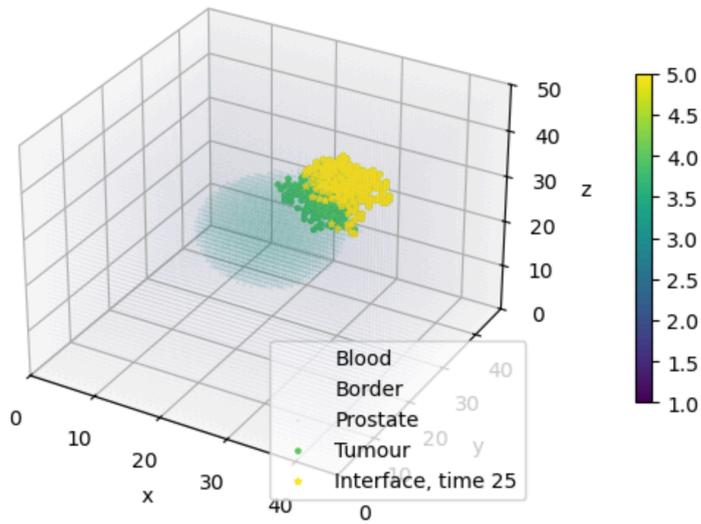


image-235.png

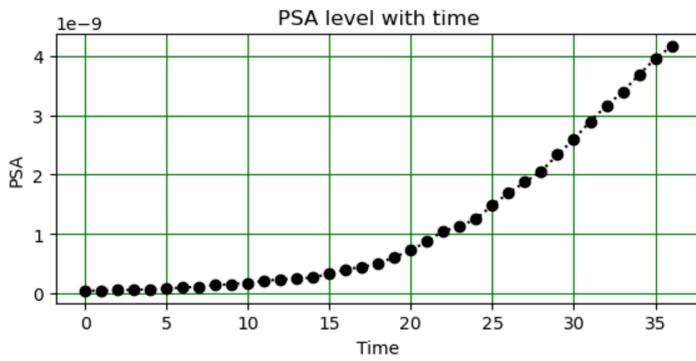
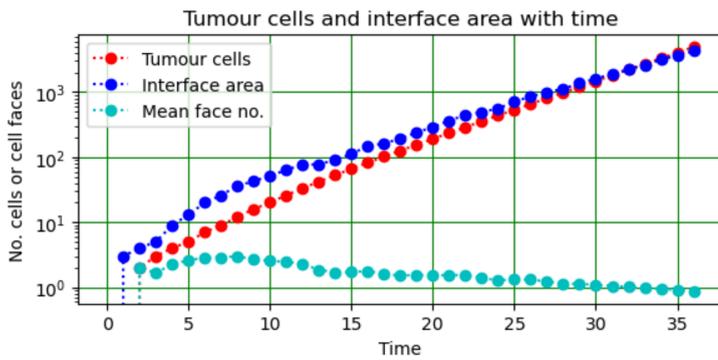


image-162.png

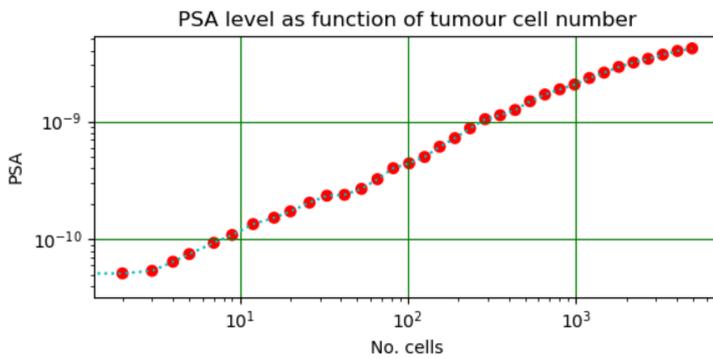


image-225.png

Preliminary conclusion

The PSA level induced by a given number of tumour cells is strongly dependent on their position in the prostate. This effect will be influenced by the speed of diffusion and other parameters in the model, as well as the uncertainties in the modelling!