Chart

Description automatically generatedA picture containing chart

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Default parameters with and without social model. This shows that collective decisions can still be bad? Note: If I had more than 50% fishers in the just fish model, dynamics decreased.

A picture containing chart

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Having just one patch with unsustainable practices can tank the whole system (fig b, fig a is just showing the sustainable practices). However, you don’t necessarily need to adjust fishing directly. Fig c is just showing how changing the rarity valuation param can change dynamics (like public education or something)

Chart, line chart

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Shows how social hierarchy doesn’t have a huge impact on overall dynamics. X1 exhibits a little more conservation but eventually tapers off

A picture containing text

Description automatically generatedChart, line chart

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Small amounts of dispersion can even out dynamics but rho and d cant

Chart

Description automatically generated with low confidence

Ok so it’s graphs like this that are super confusing. Why does patch 1 have 100% conservationists but 100%fish and vice versa?? In this graph rho = 0 so there should not be any outside influence.

Graphical user interface, application

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Prop parameter planes showing they have very minimal effect on dynamics – from default params doc

High movement can save dynamics in lots of scenarios. See difference in the R param planes with high and low movement:

Chart, bar chart

Description automatically generatedChart, histogram

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Low on left, high on right