MixFishSim: Supplementary Figures and Tables

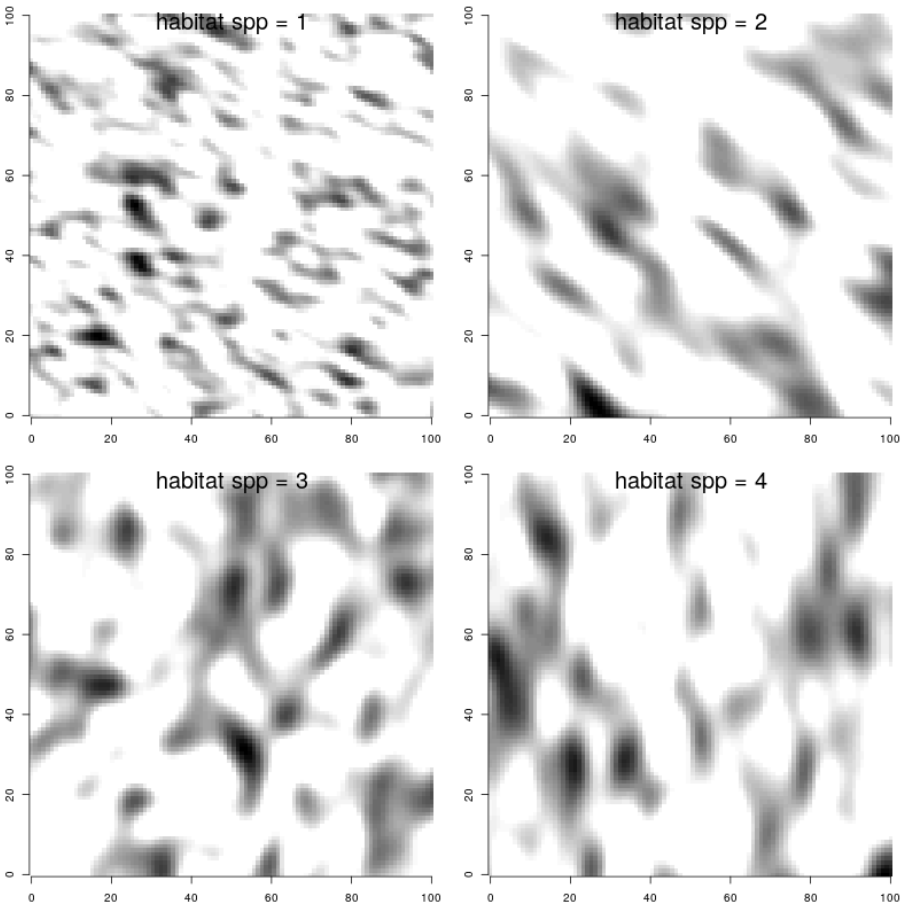

Figure S1: habitat preference

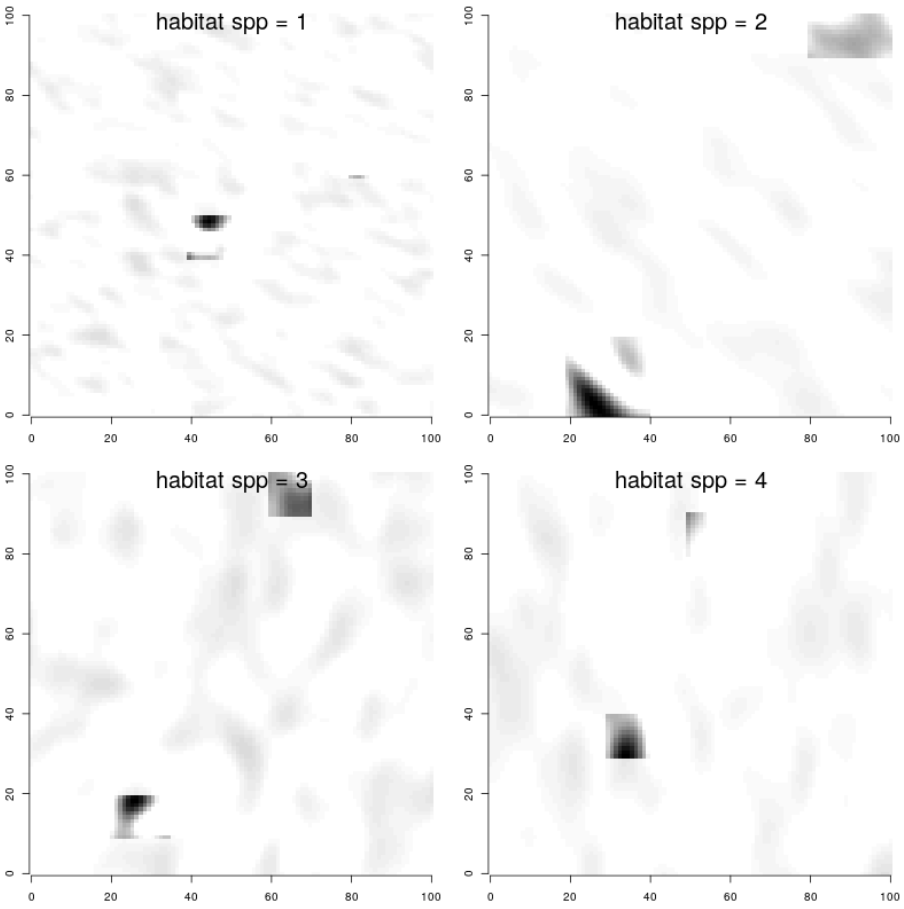

Figure S2: spawning habitat preference

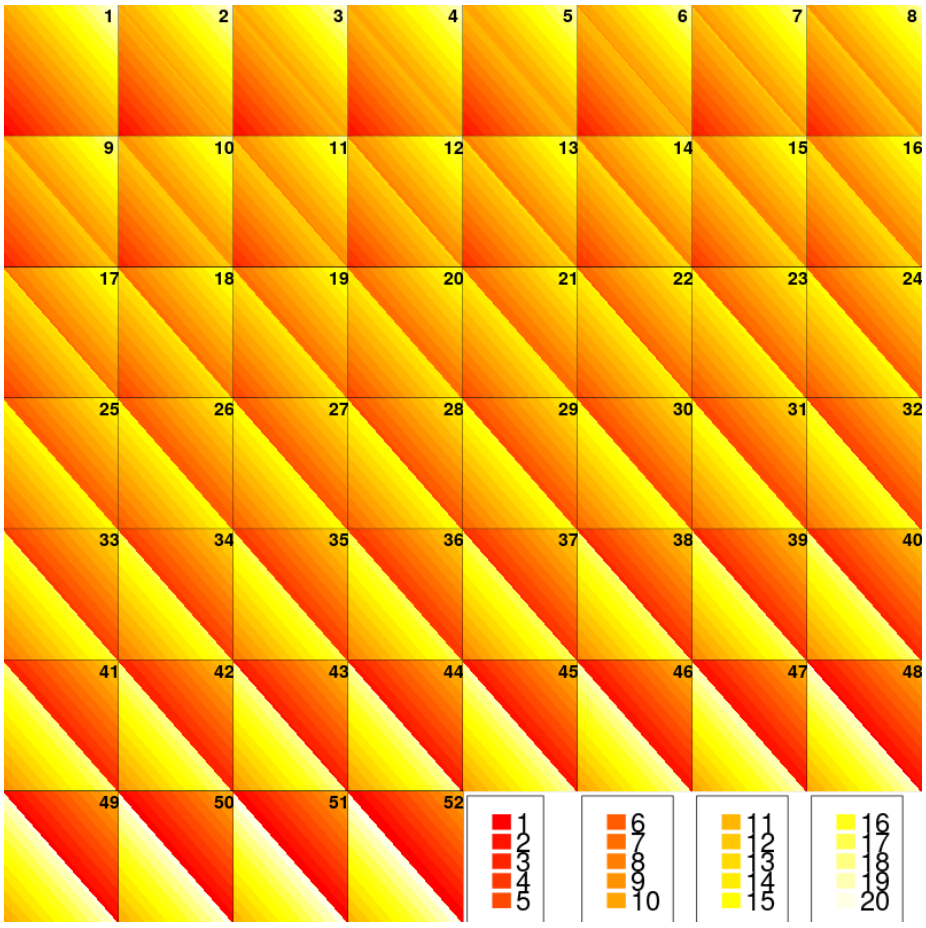

Figure S3: Spatiotemporal temperature gradient

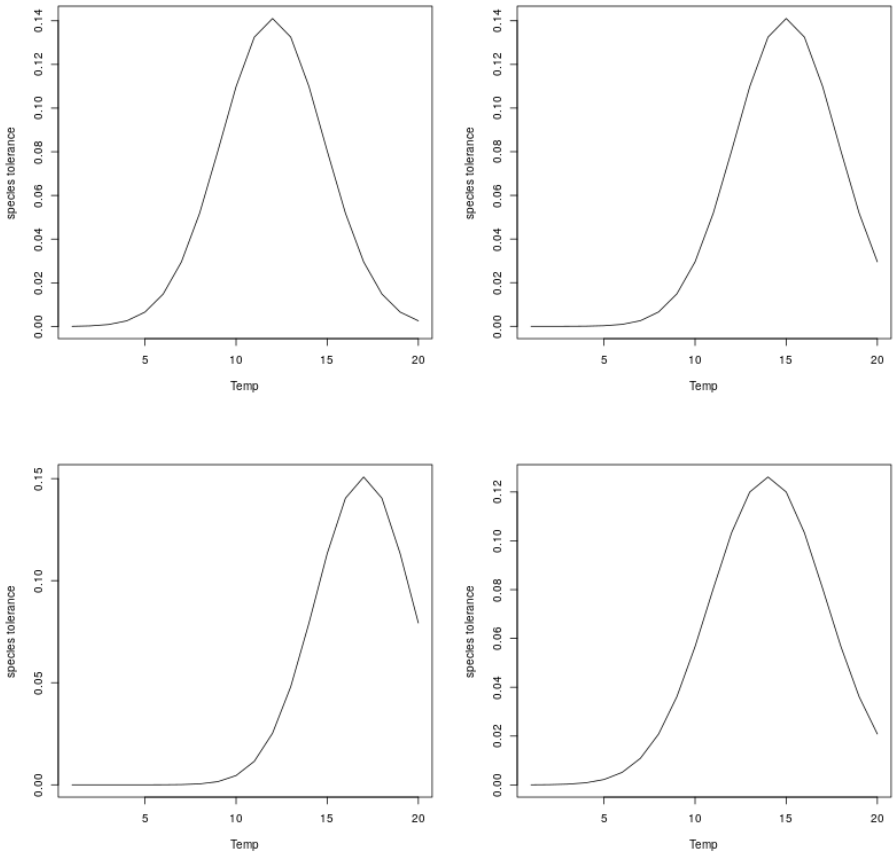

Figure S4: Species thermal tolerances

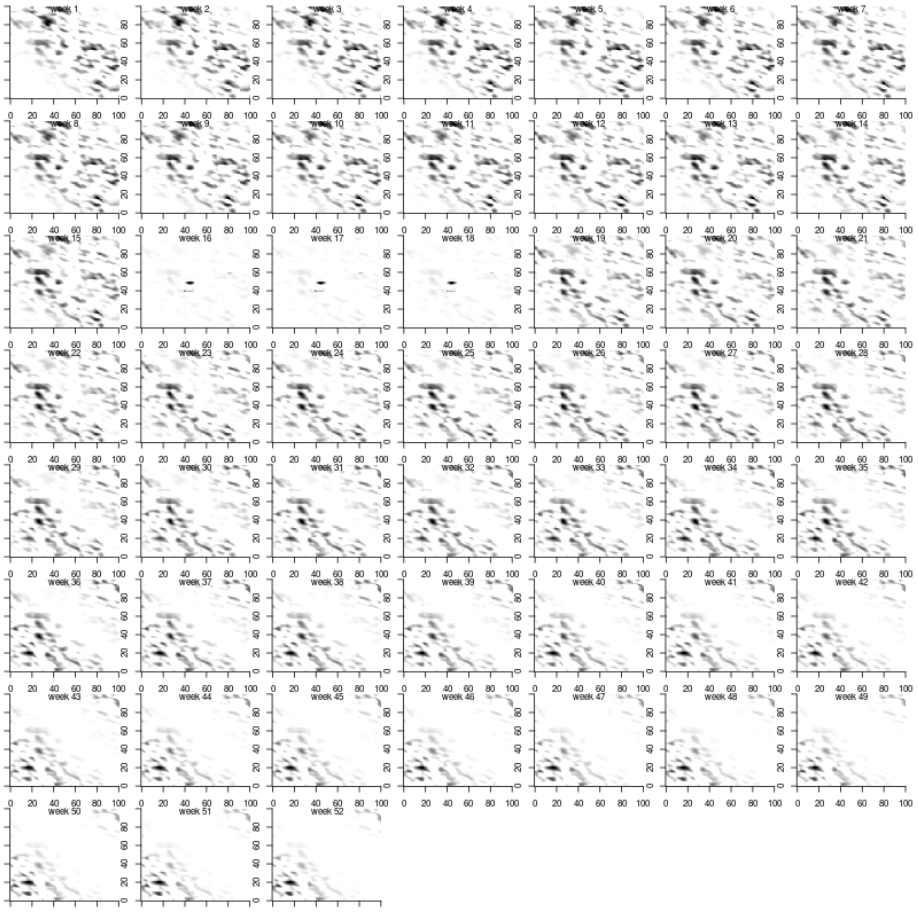

Figure S5: Spatiotemporal habitat suitability - population 1

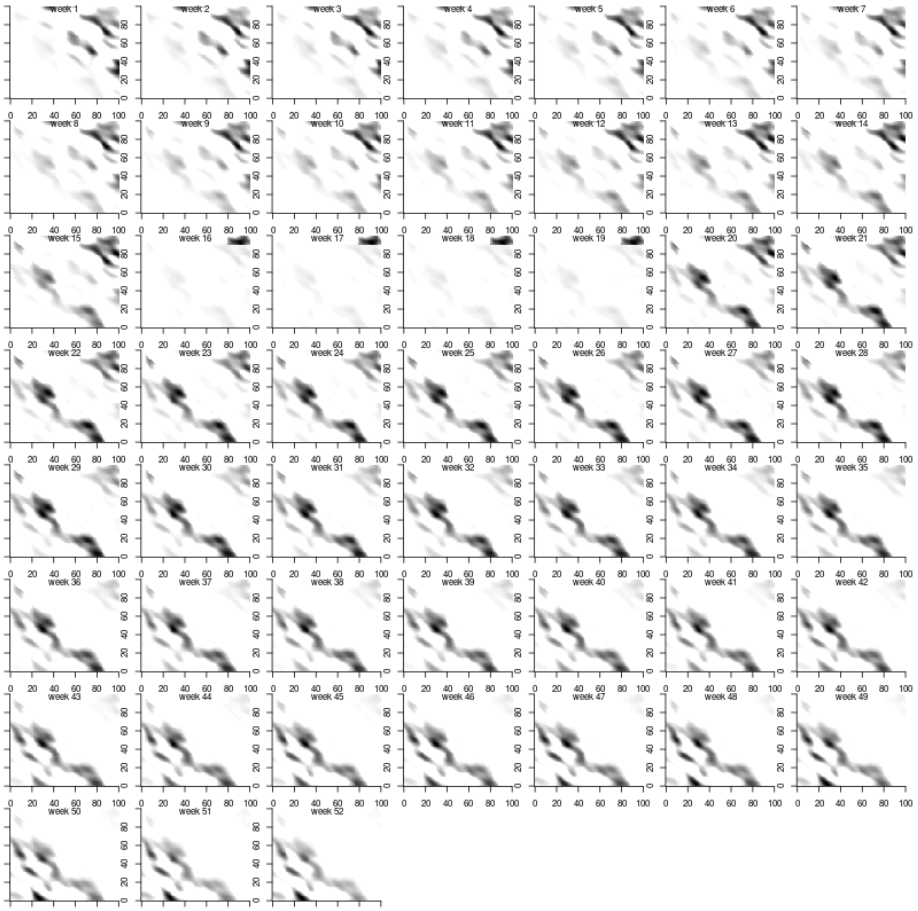

Figure S6: Spatiotemporal habitat suitability - population 2

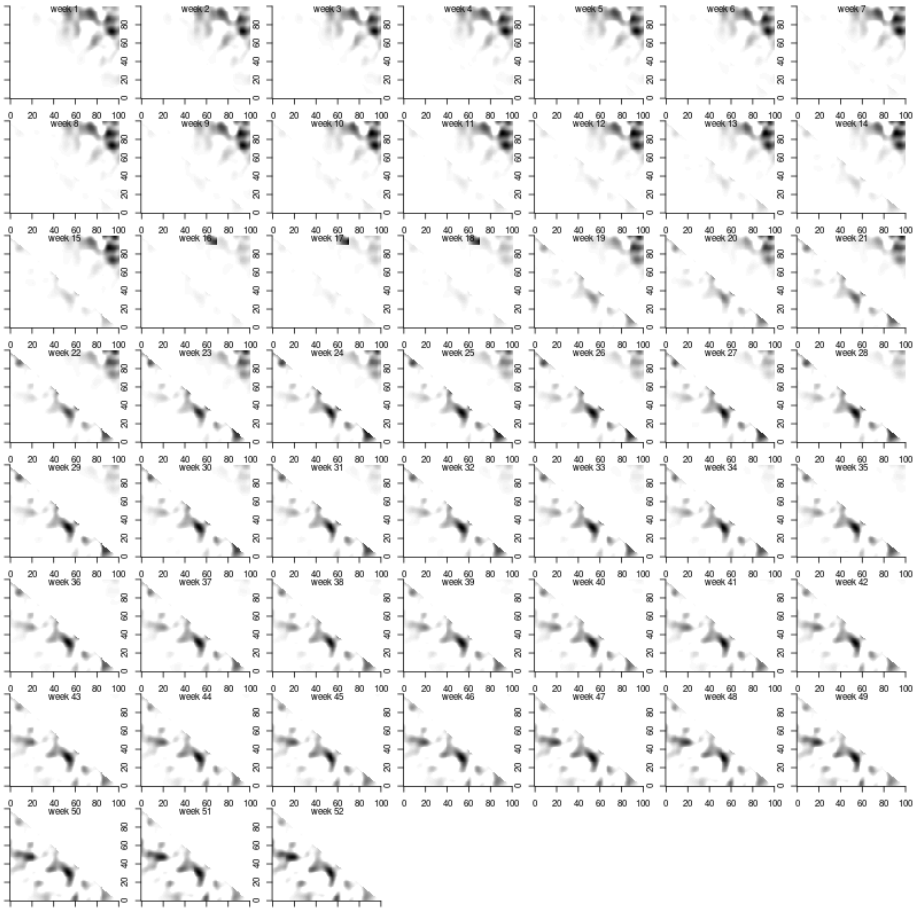

Figure S7: Spatiotemporal habitat suitability - population 3

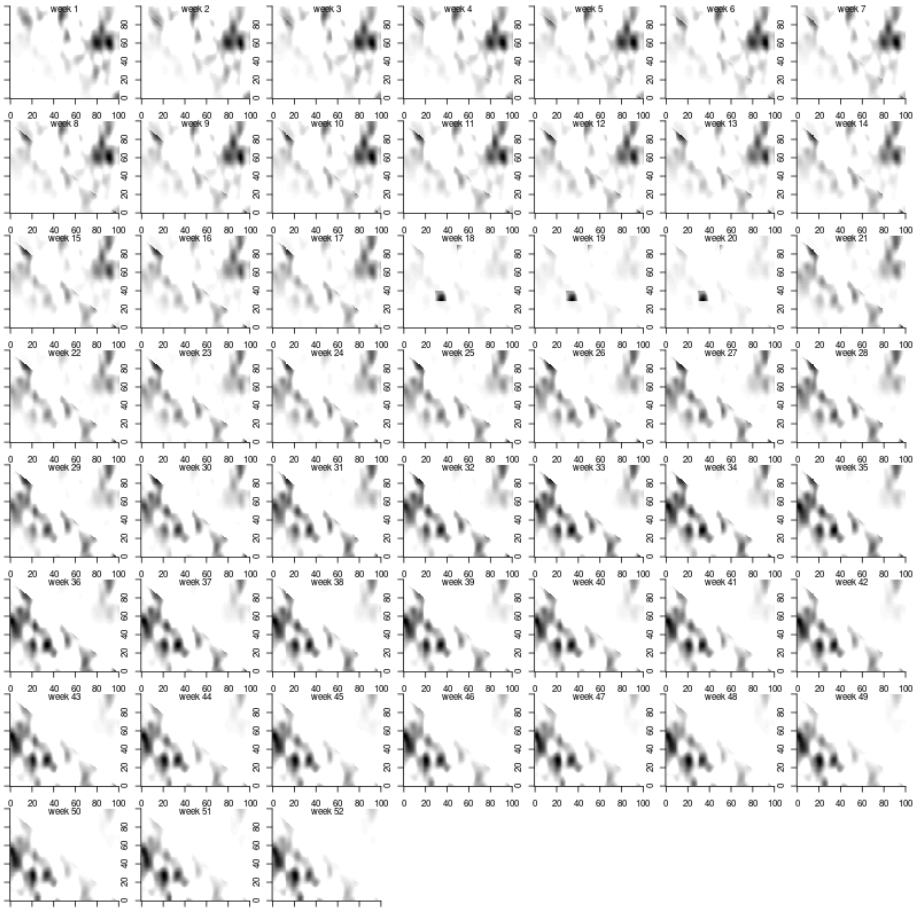

Figure S8: Spatiotemporal habitat suitability - population 4

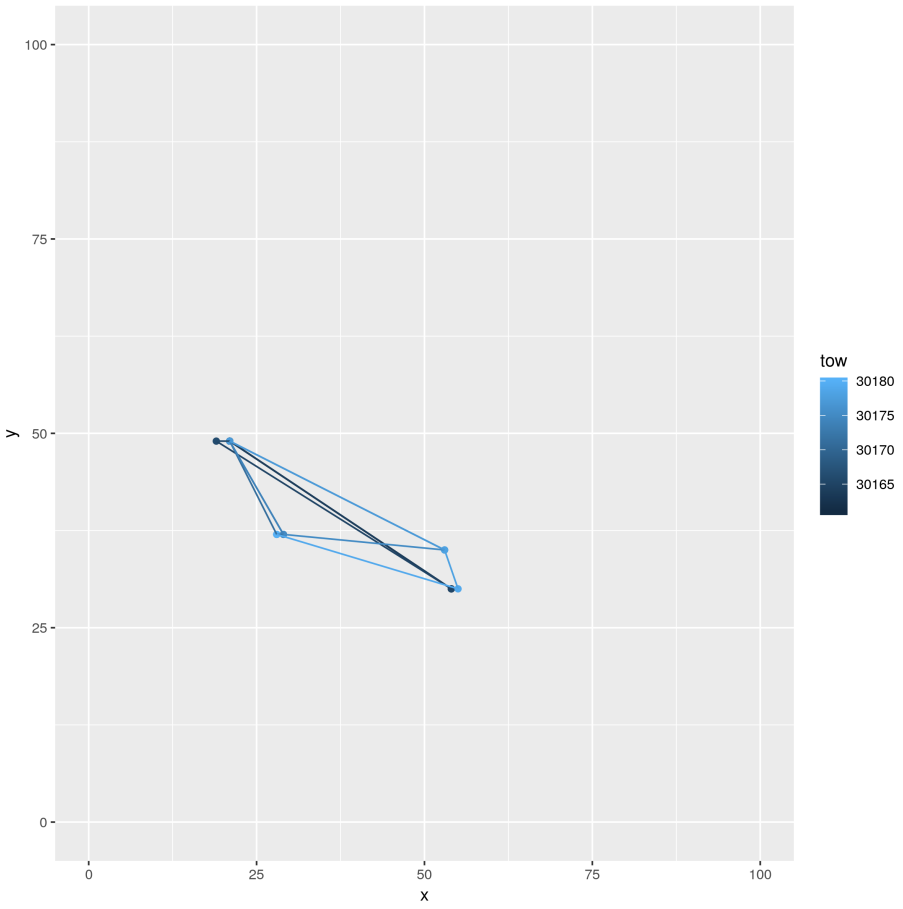

Figure S9: vessel movement - a single trip movement for one vessel

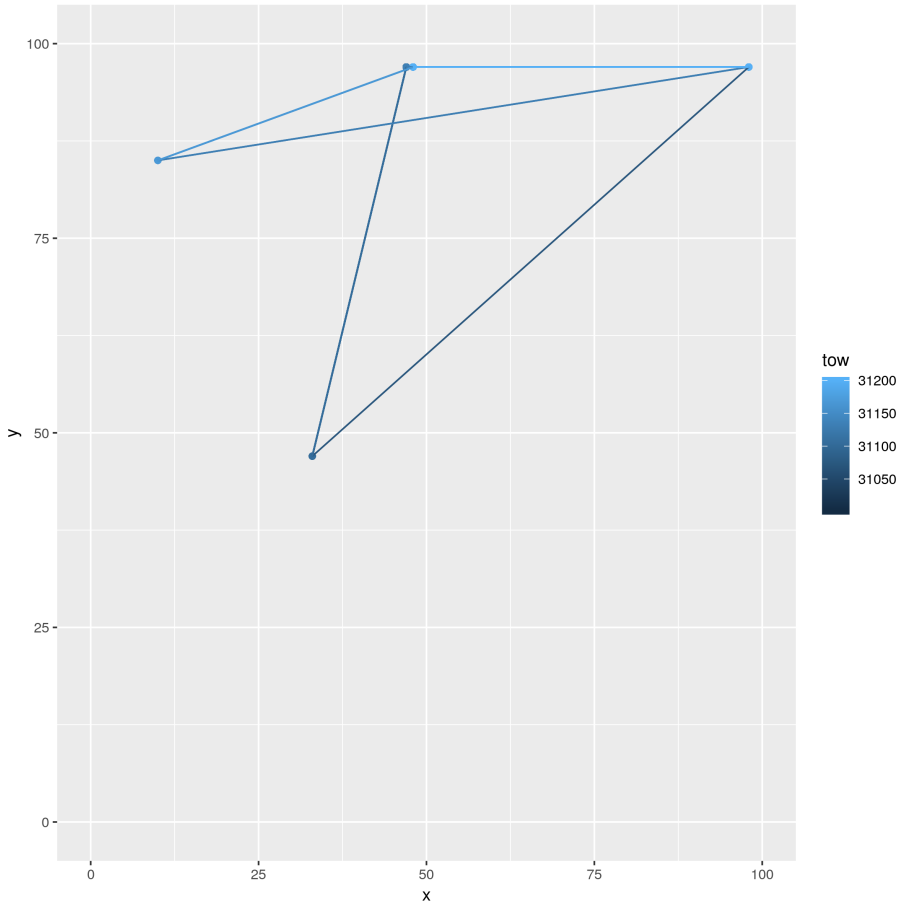

Figure S10: vessel movement for multiple trips from a single vessel. Note the movement off the side pops up the other side, but is joined by a line across the grid. This is from the torus approach rather than the edges being barriers

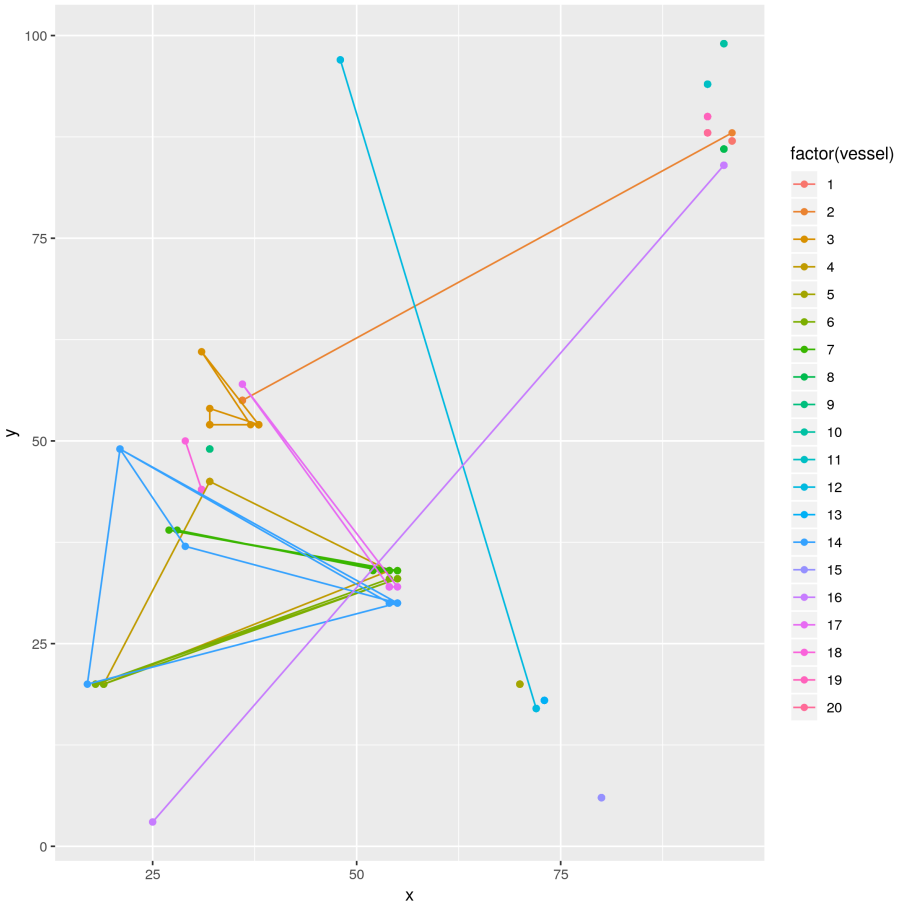

Figure S11: An entire fleets (20 vessels) movement for a single trip

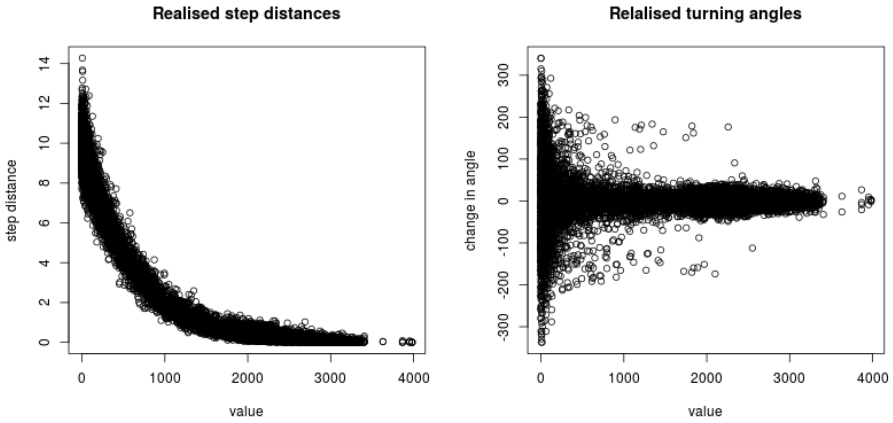

Figure S12: Realised step function - the step function as realised for a single fleet. For turning angles, it can be seen that at higher values, the turning range is less

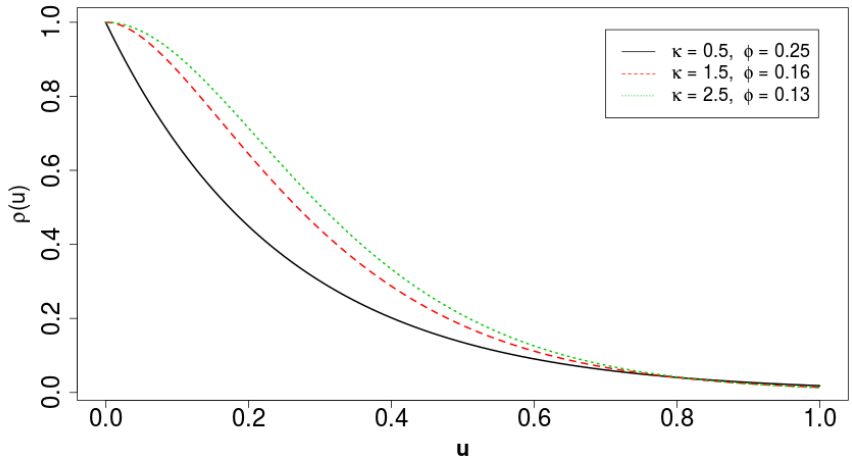

Figure S13: Example of different implementation of the Matern correlation function on auto-correlation distance