## FLife: Operating Model Conditioning

Turbot

L Kell

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## Life history parameters

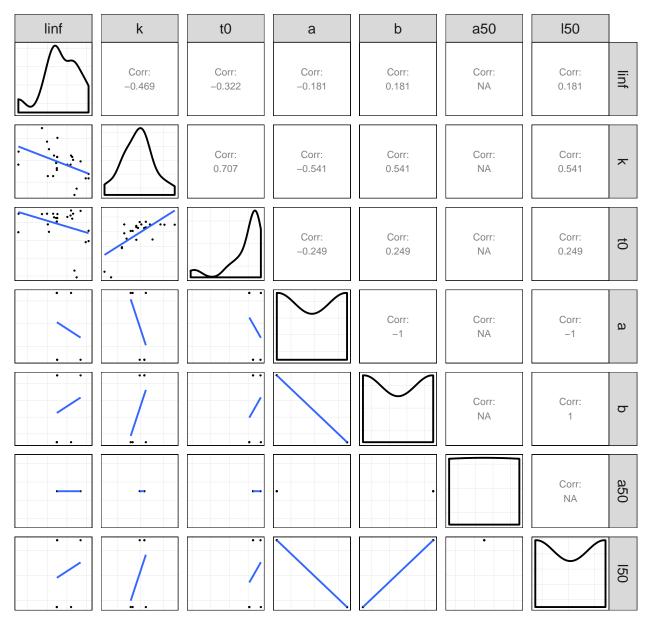
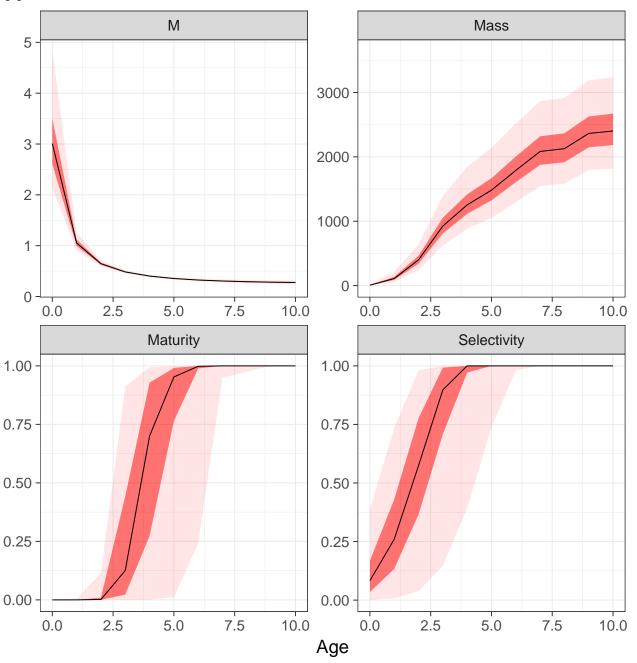


Figure 1 Pairwise scatter plots of life history parameters.

## Equilibrium dynamics

The parameters are then used by 1hEq1 to simulate the equilibrium dynamics by combining the spawner/yield per recruit relationships with a stock recruiment relationship.

[1] 1



 ${\bf Figure~2~Vectors}.$ 

## Population dynamics

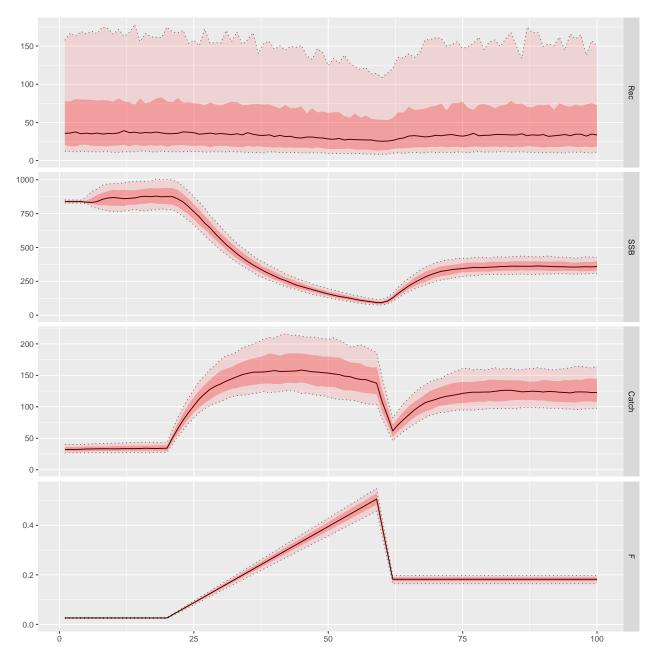


Figure 3 Time series for thornback ray.