

MyDas: Elasticity Analysis

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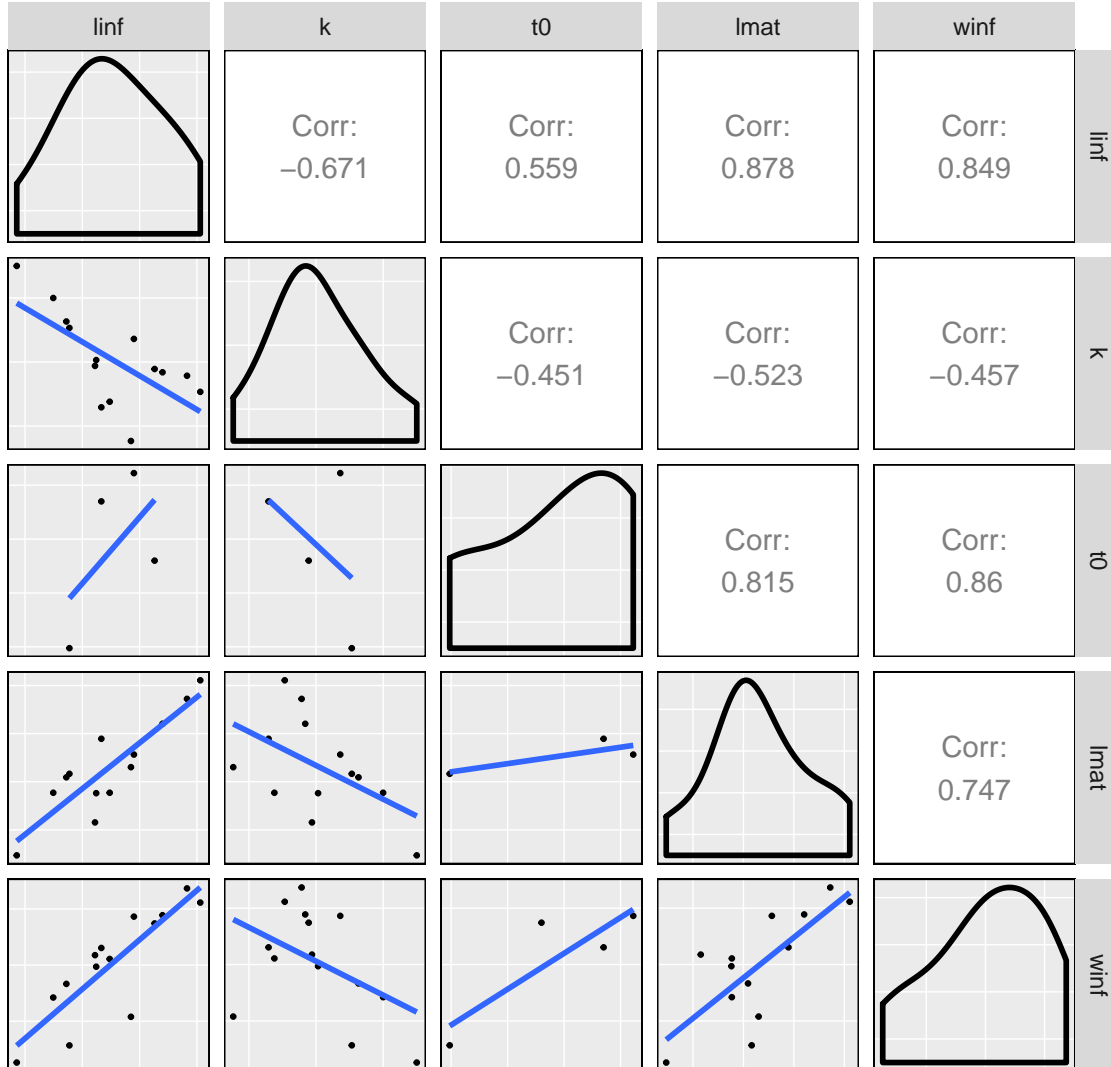


Figure 1 Correlation between life history parameters

Fill in missing values

#Tables

Table 1 Population growth rate at low population size (r) and at B_{MSY} (r.c).

| species | params | |
|----------------------------|-----------|------------|
| | r | r.c |
| Clupea harengus | 0.4081508 | 0.09939184 |
| Pollachius pollachius | 0.1754393 | 0.04017421 |
| Molva molva | 0.1376847 | 0.03407953 |
| Sebastes norvegicus | 0.1202140 | 0.04207914 |
| Mullus surmuletus | 0.2285697 | 0.04810769 |
| Scopthalmus maximus | 0.2261687 | 0.04840421 |
| Microstomus kitt | 0.3212945 | 0.08490325 |
| Lepidorhombus whiffiagonis | 0.1762447 | 0.04019003 |
| Ammodytes spp. | 1.6125397 | 0.36508284 |
| Pleuronectes platessa | 0.7597757 | 0.27239617 |
| Merlangius merlangus | 0.7602725 | 0.31561074 |
| Melanogrammus aeglefinus | 0.7322446 | 0.73224464 |
| Lophius piscatorius | 2.2201088 | 2.22010884 |
| Nephrops | 1.3942149 | 1.39421490 |

Table 2 Population doubling time at low population size (r) and at B_{MSY} (r.c).

| | |
|----------------------|----------------------------|
| Clupea harengus | Pollachius pollachius |
| 1.6982625 | 3.9509220 |
| Molva molva | Sebastes norvegicus |
| 5.0343076 | 5.7659427 |
| Mullus surmuletus | Scopthalmus maximus |
| 3.0325424 | 3.0647348 |
| Microstomus kitt | Lepidorhombus whiffiagonis |
| 2.1573580 | 3.9328683 |
| Ammodytes spp. | Pleuronectes platessa |
| 0.4298481 | 0.9123050 |
| Merlangius merlangus | Melanogrammus aeglefinus |
| 0.9117089 | 0.9466060 |
| Lophius piscatorius | Nephrops |
| 0.3122132 | 0.4971595 |

Table 3 Elasticity of parameters with respect to productivity at low population size (r) and at B_{MSY} (r.c).

Table 4 Elasticity of parameters with respect to productivity at low population size (r) and at B_{MSY} (r.c).

#Figures

Figure 2 Correlation between population growth rate at low population size (r) and at B_{MSY} (r.c).

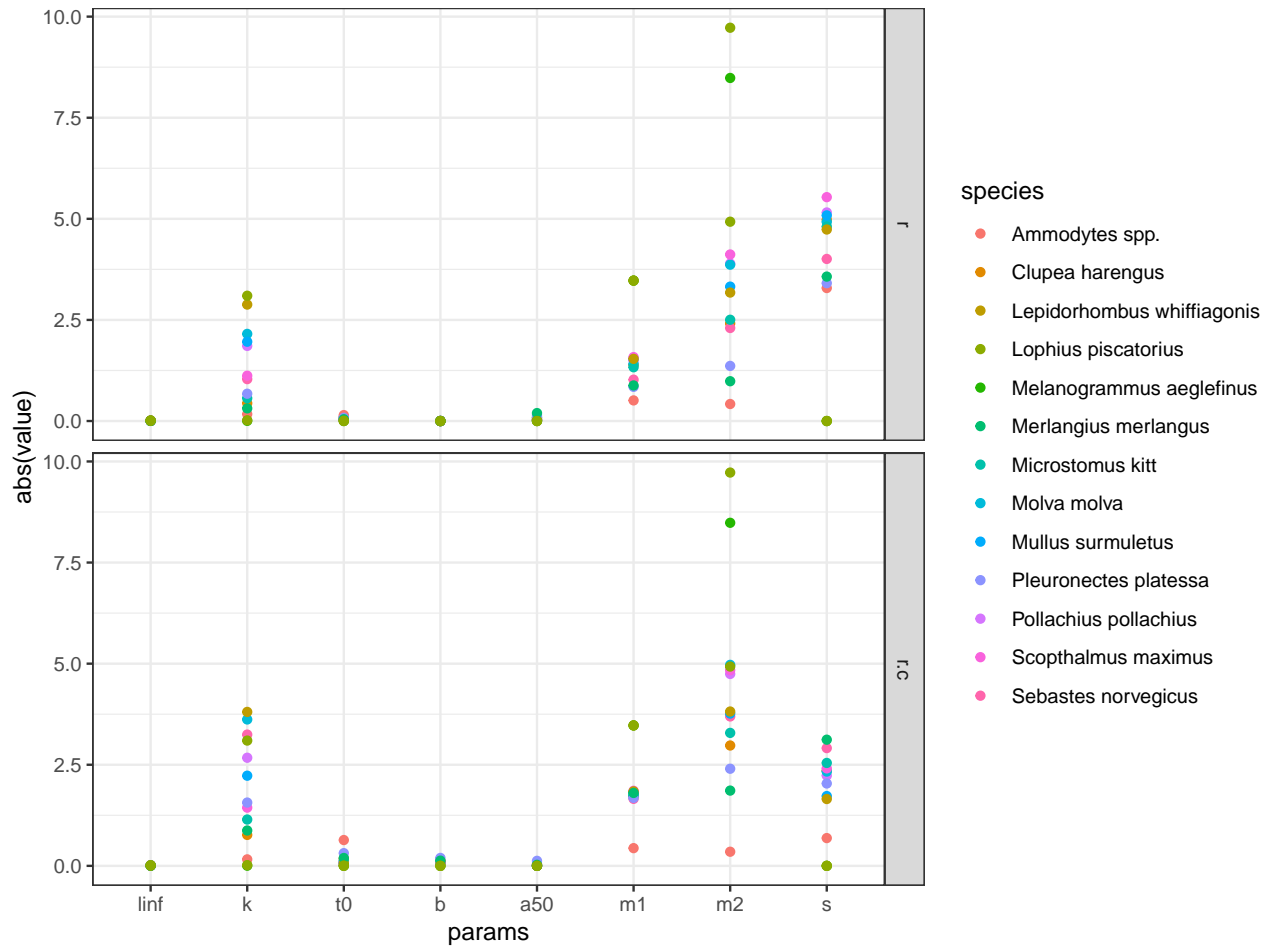


Figure 3 Elasticity analysis (r) and at B_{MSY} (r.c).

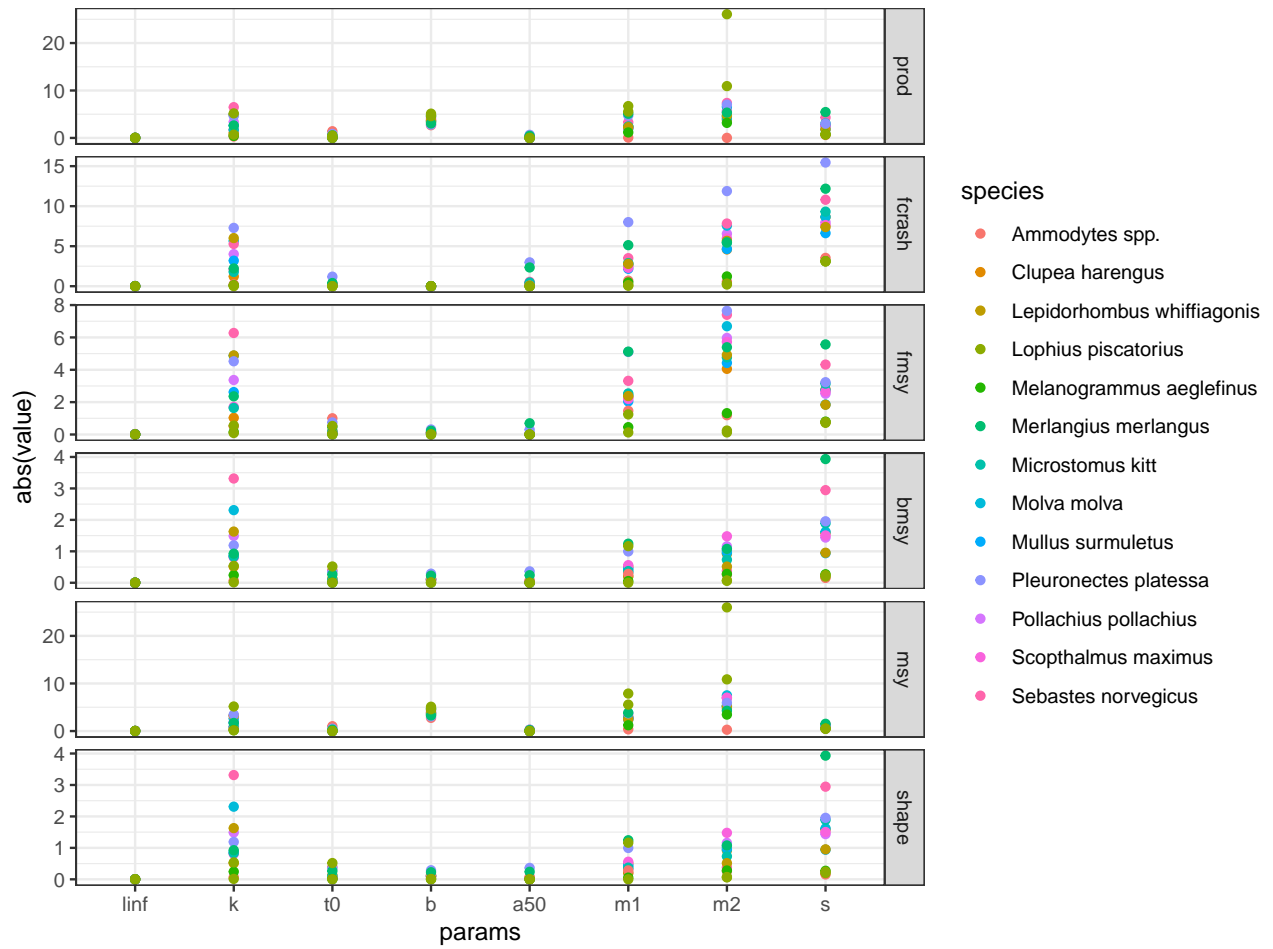


Figure 4 Elasticity analysis