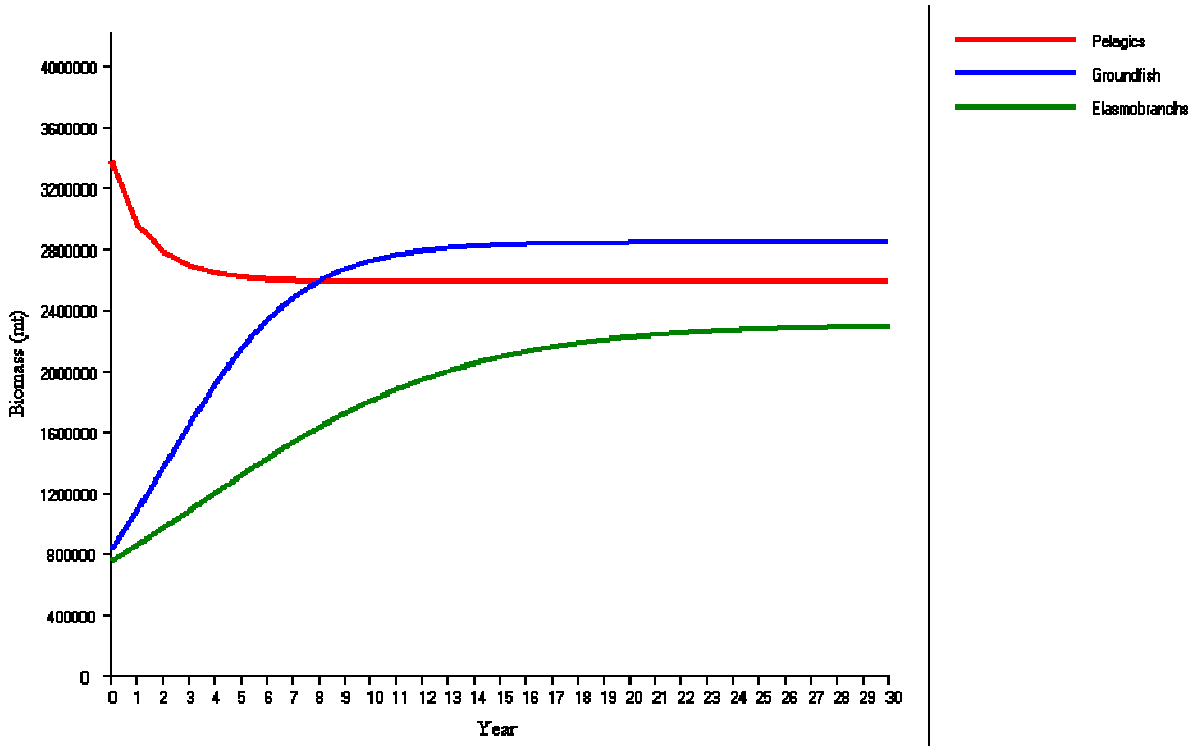
- Figures for WP 3.4 :

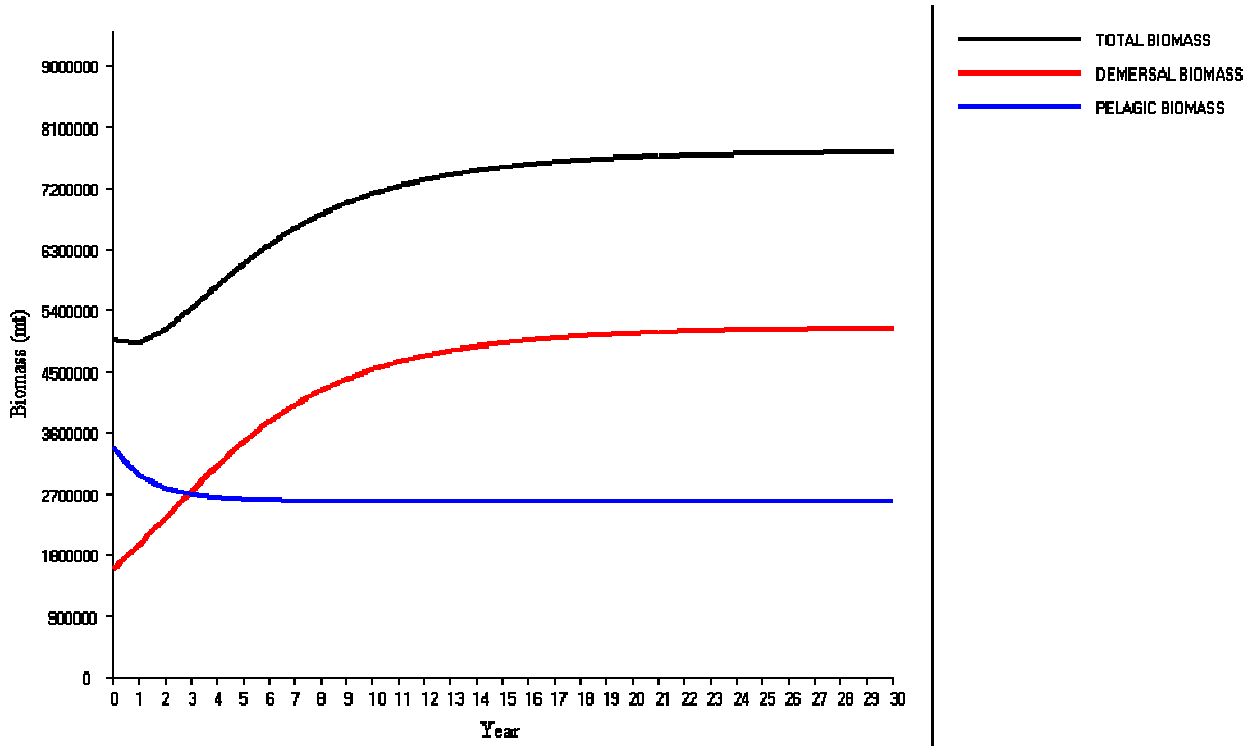
- “Aggregate and MS Production Model”

A



No Harvest, No Interactions – Guild Biomass over time

B



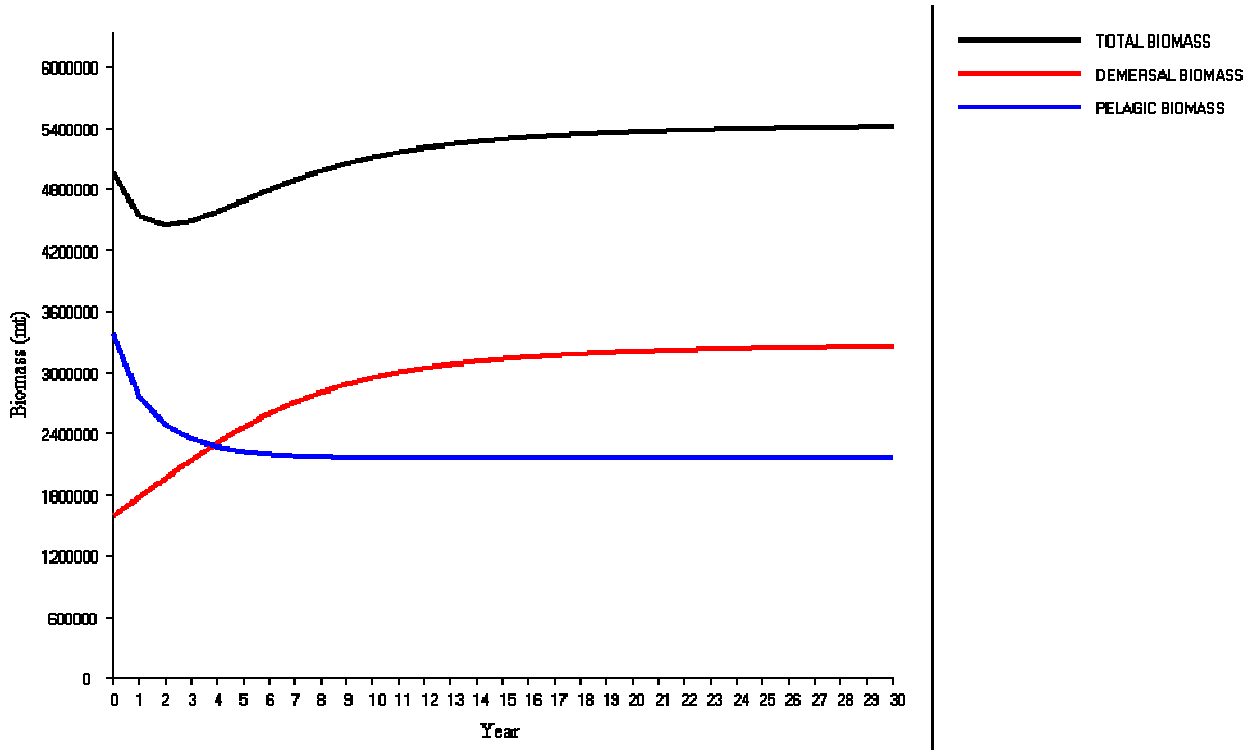
No Harvest, No Interactions – Demersal/Pelagic Biomass over time

Fig. 1

A

Harvest, no Interactions – Guild Biomass over time

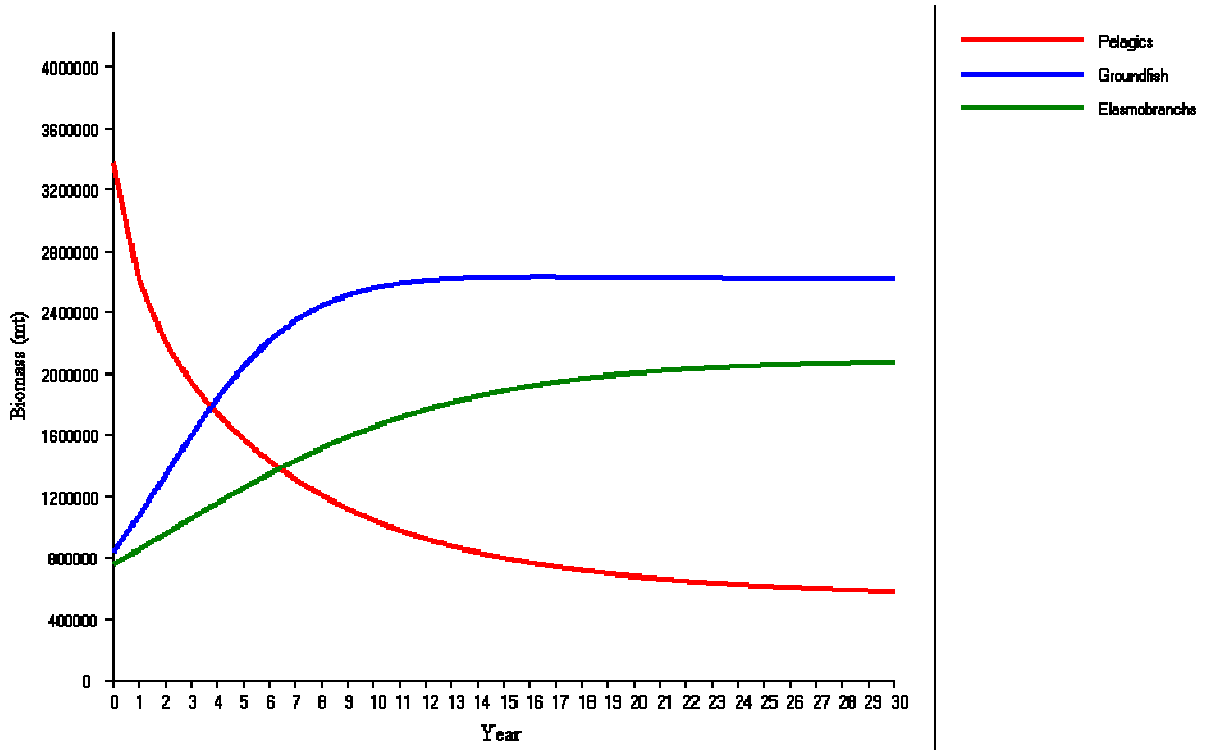
B



Harvest, no Interactions – Demersal/Pelagic Biomass over time

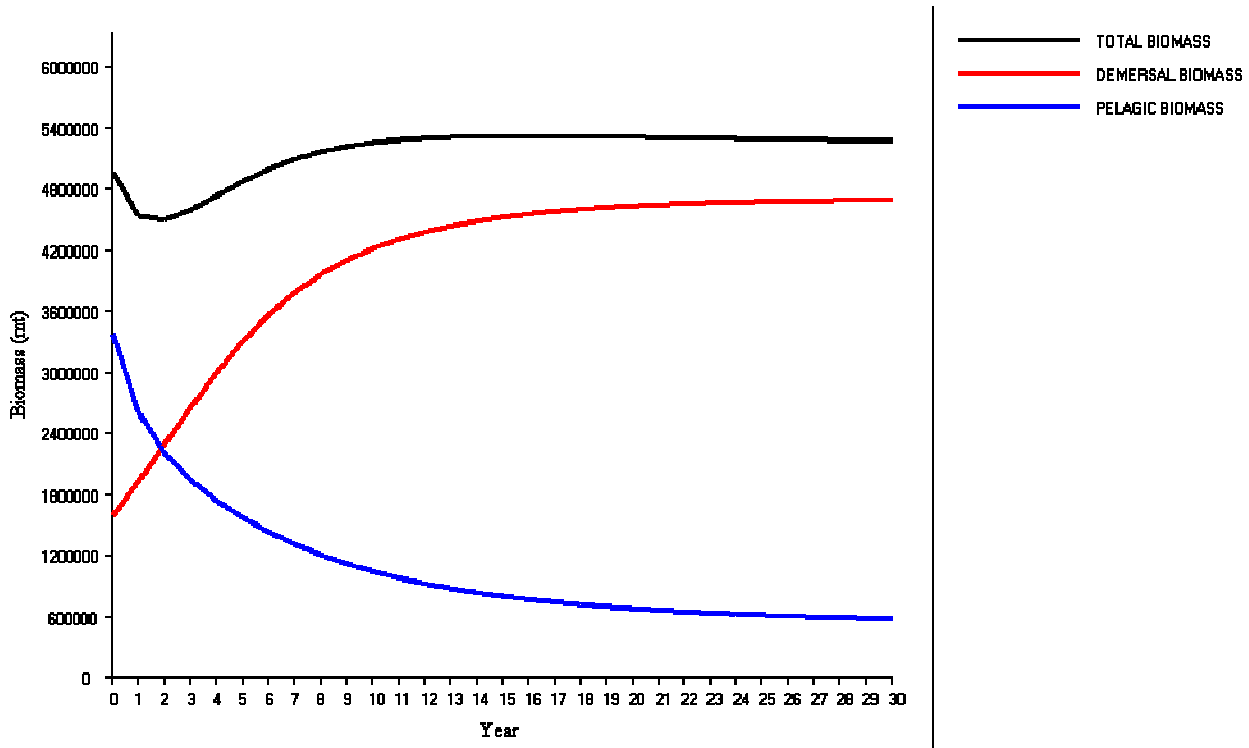
Fig. 2

A



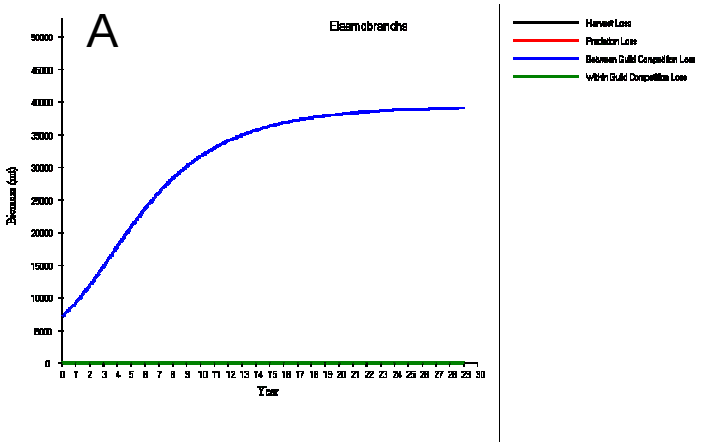
No Harvest, Interactions – Guild Biomass over time

B

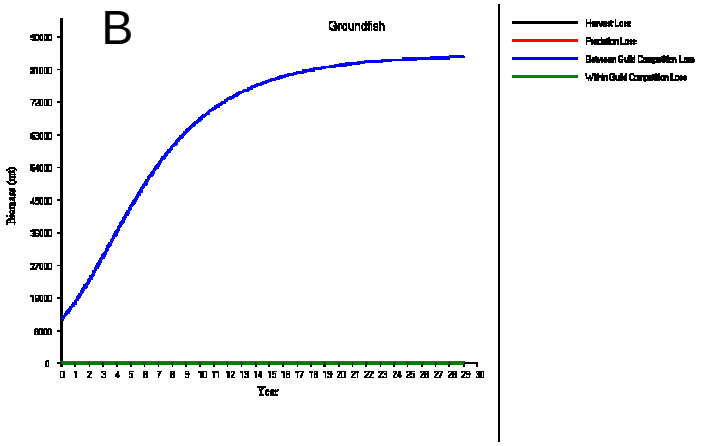


No Harvest, Interactions – Demersal/Pelagic Biomass over time

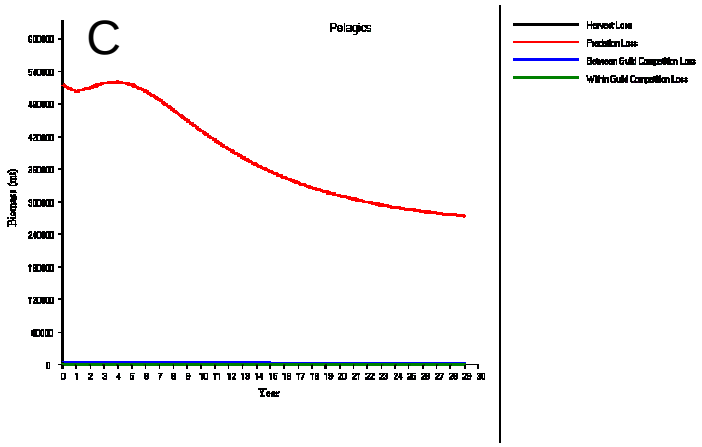
Fig. 3



No Harvest, Interactions – Losses of Elasmobranch over time



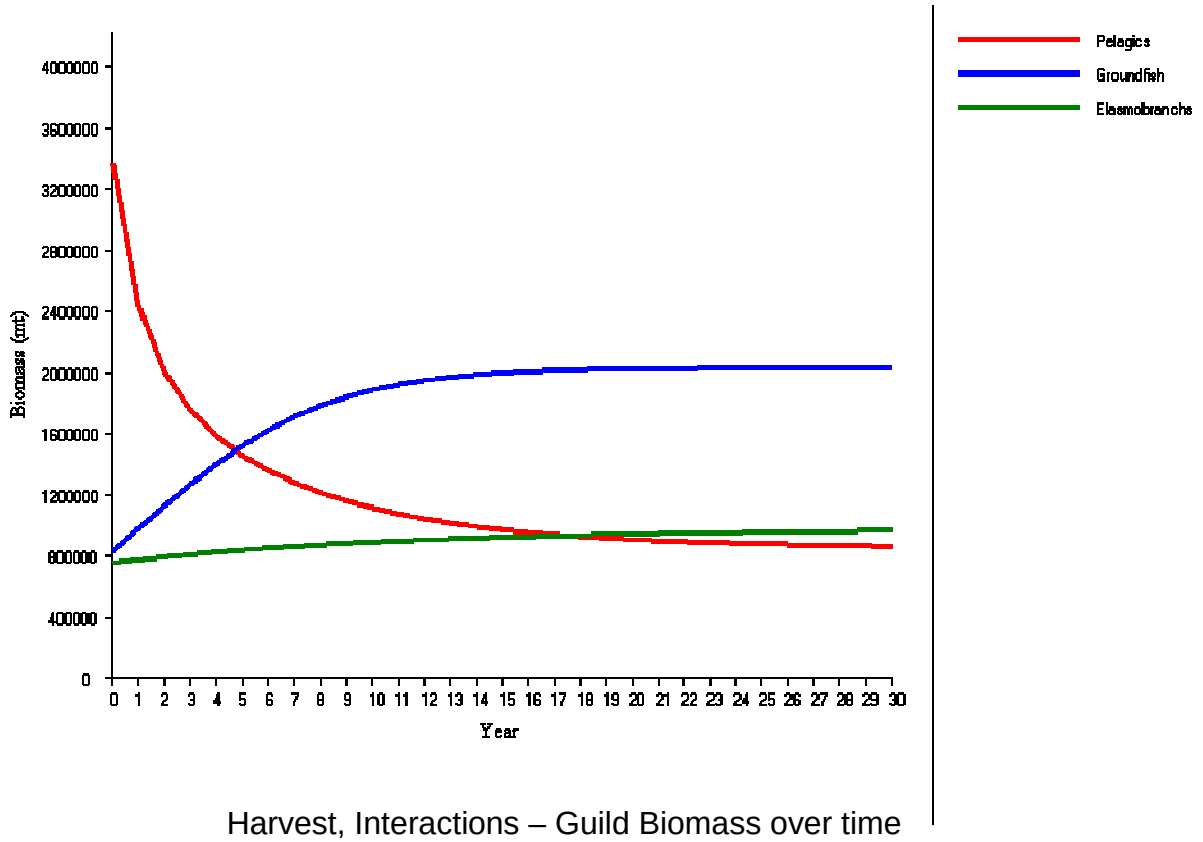
No Harvest, Interactions – Losses of Groundfish over time



No Harvest, Interactions – Losses of Pelagics over time

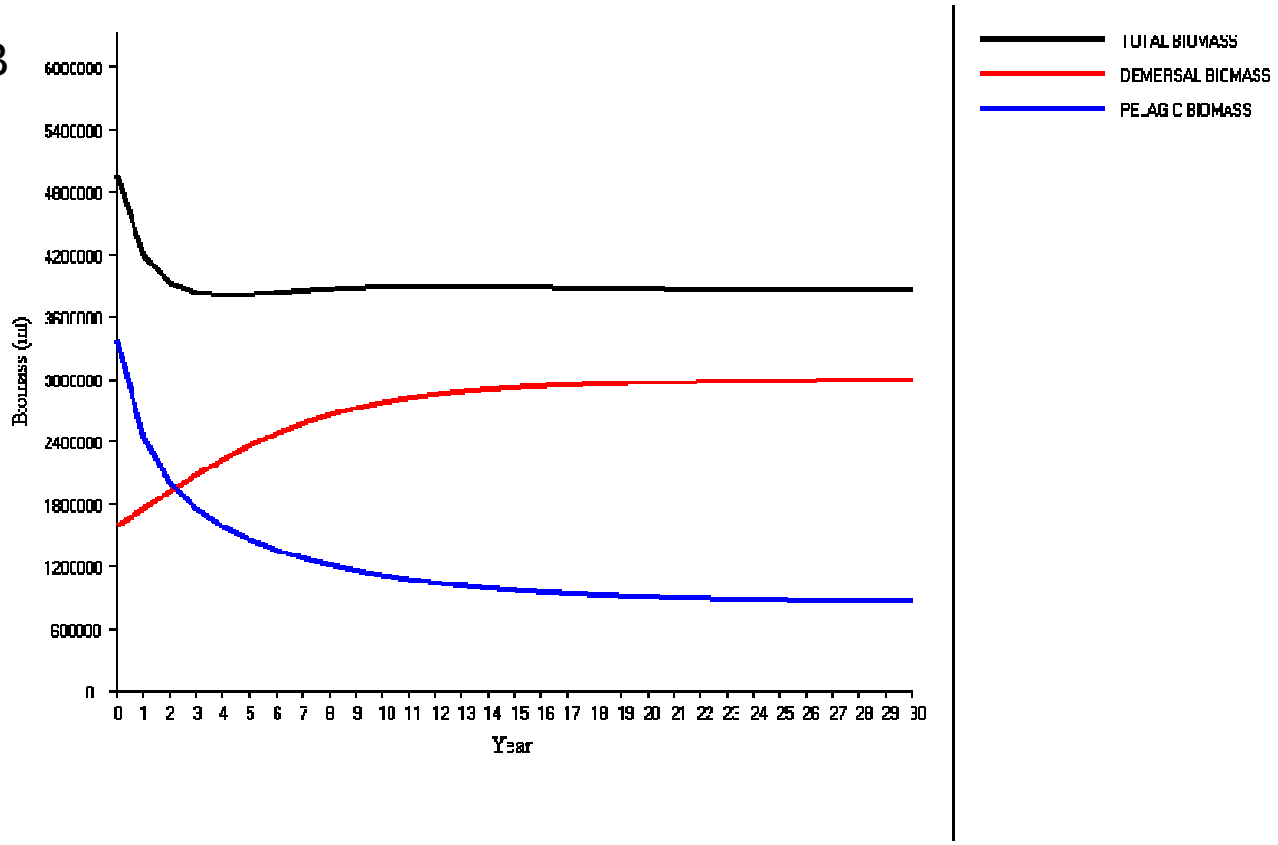
Fig. 4

A



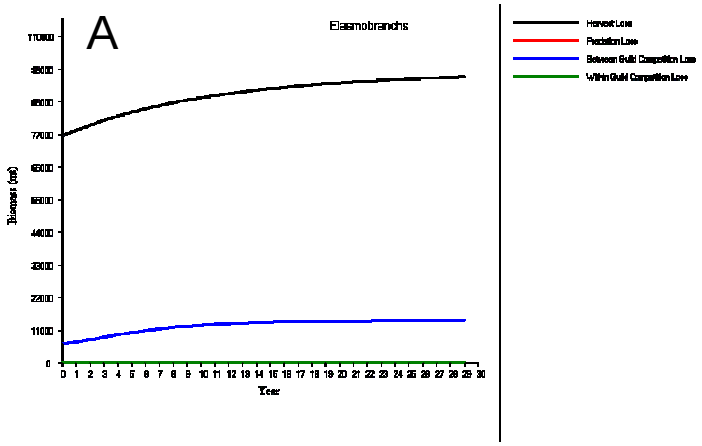
Harvest, Interactions – Guild Biomass over time

B

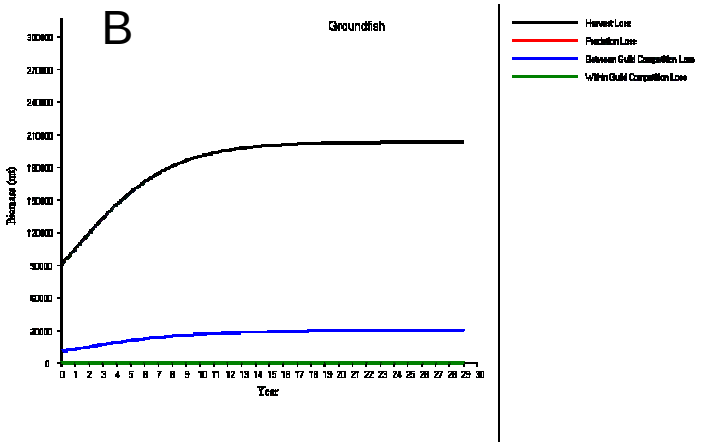


Harvest, Interactions – Demersal/Pelagic biomass over time

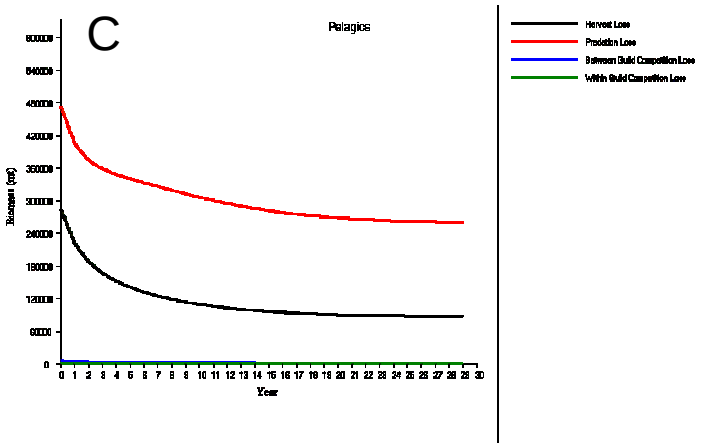
Fig. 5



Harvest, Interactions – Losses of Elasmobranch over time

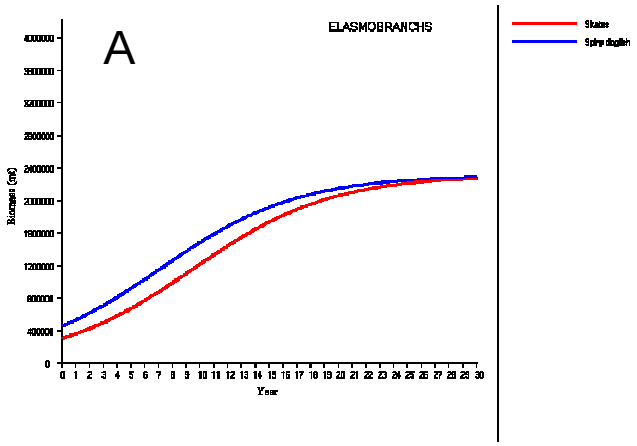


Harvest, Interactions – Losses of Groundfish over time

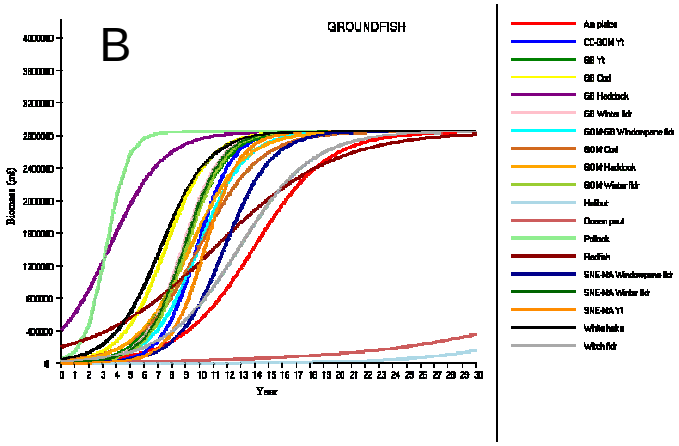


Harvest, Interactions – Losses of Pelagics over time

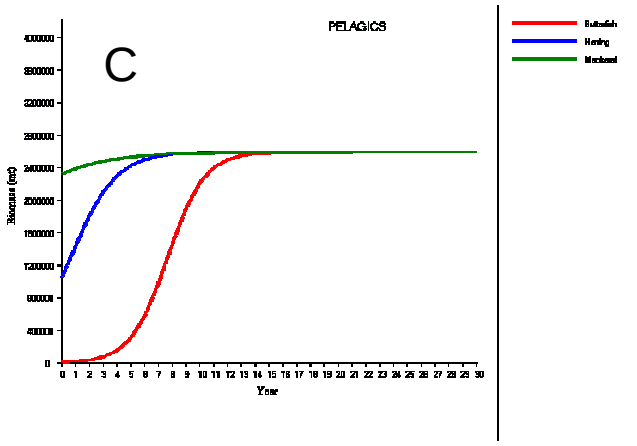
Fig. 6



No Harvest, No Interactions – Elasmobranch biomasses over time



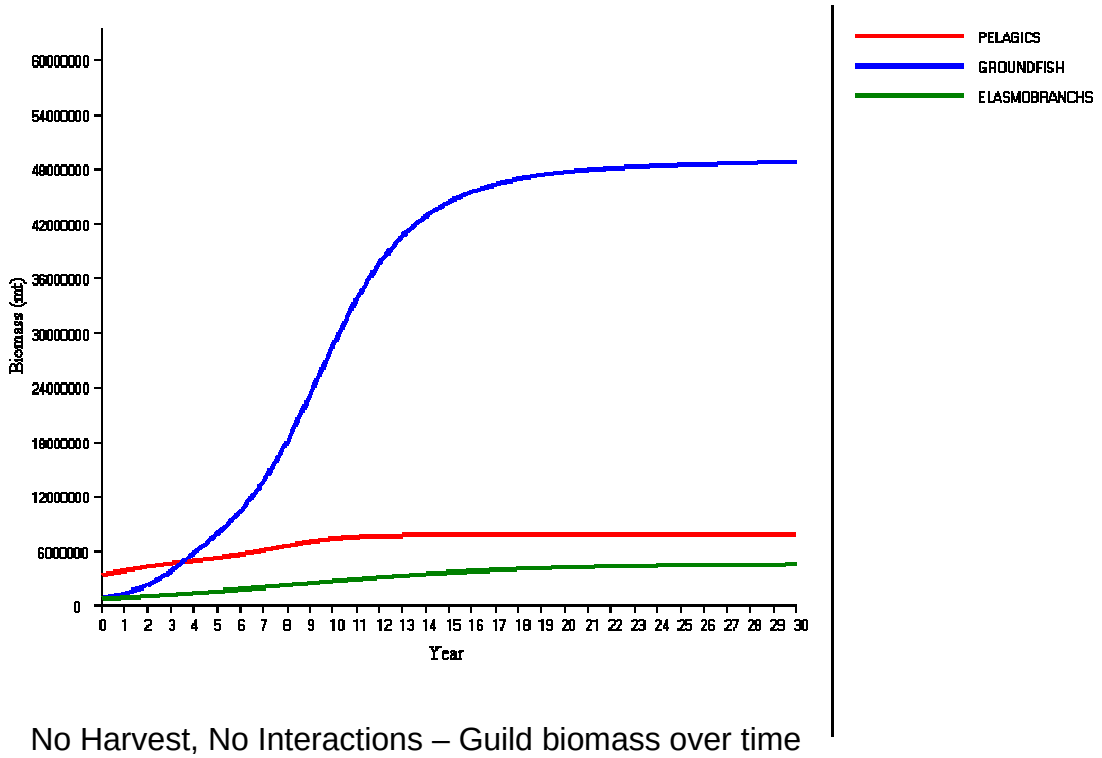
No Harvest, No Interactions – Groundfish biomasses over time



No Harvest, No Interactions – Pelagic biomasses over time

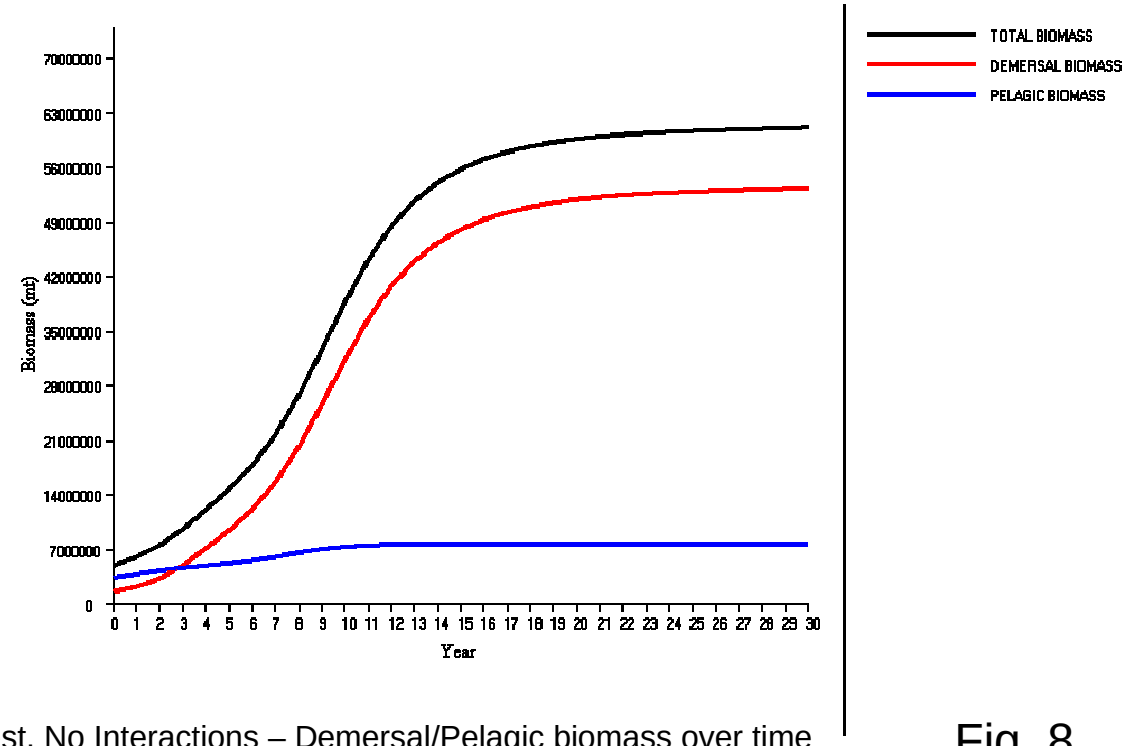
Fig. 7

A



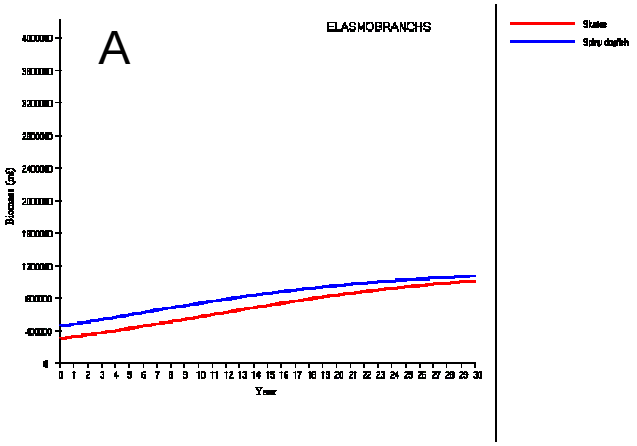
No Harvest, No Interactions – Guild biomass over time

B

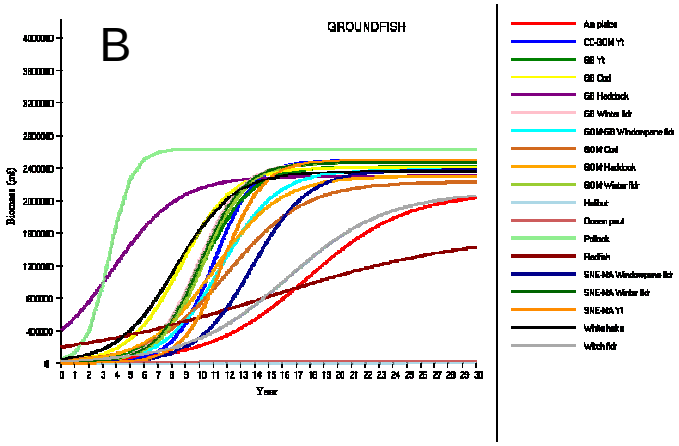


No Harvest, No Interactions – Demersal/Pelagic biomass over time

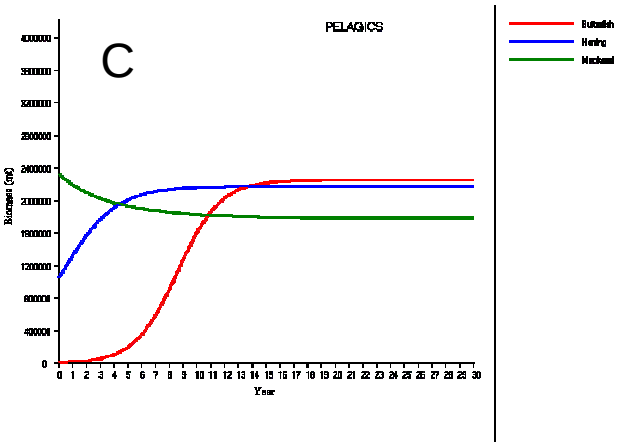
Fig. 8



Harvest, No Interactions – Elasmobranch biomasses over time



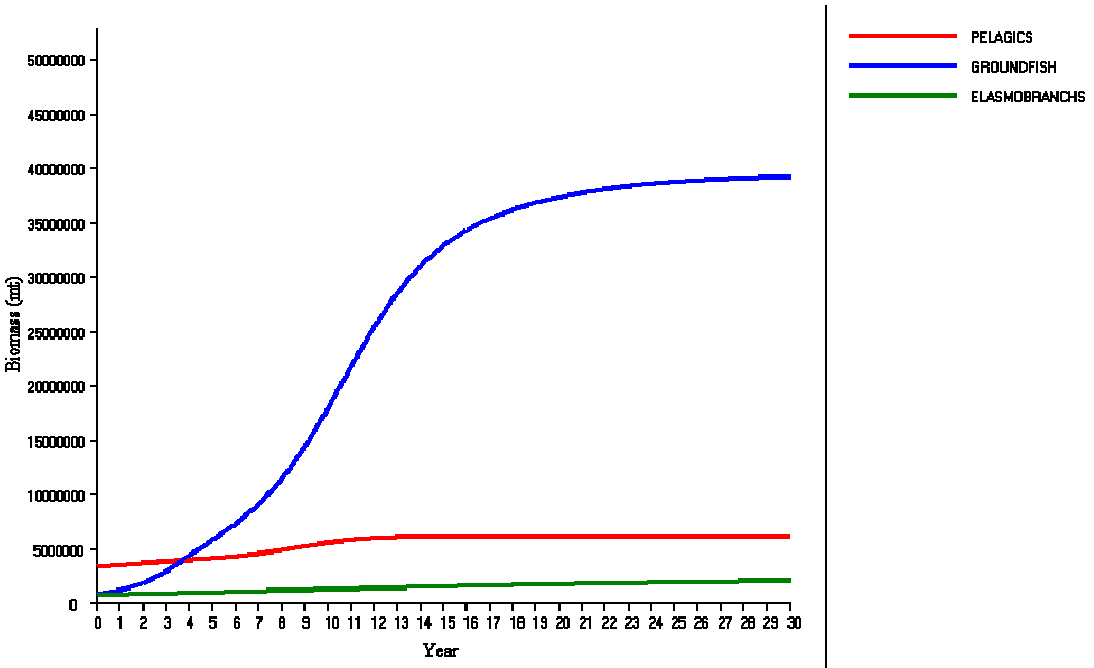
Harvest, No Interactions – Groundfish biomasses over time



Harvest, No Interactions – Pelagic biomasses over time

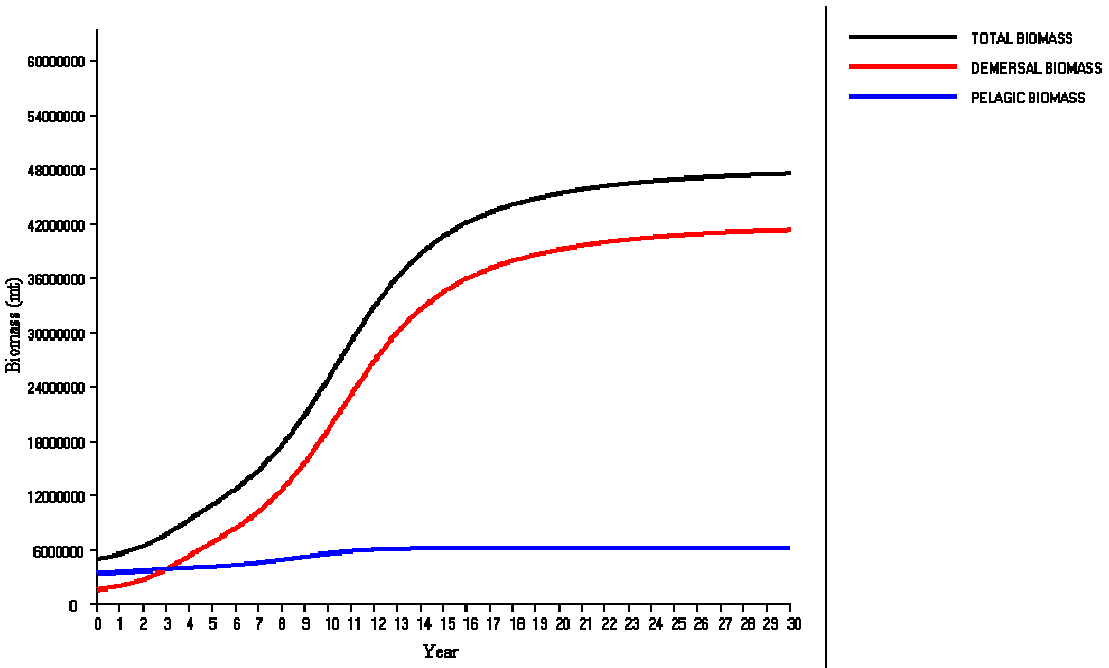
Fig. 9

A



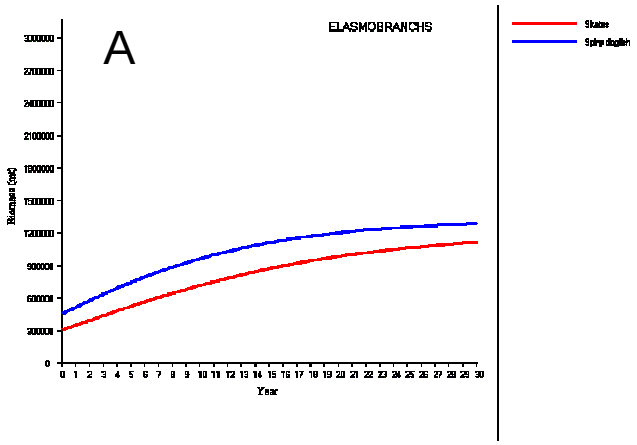
Harvest, No Interactions – Guild biomass over time

B

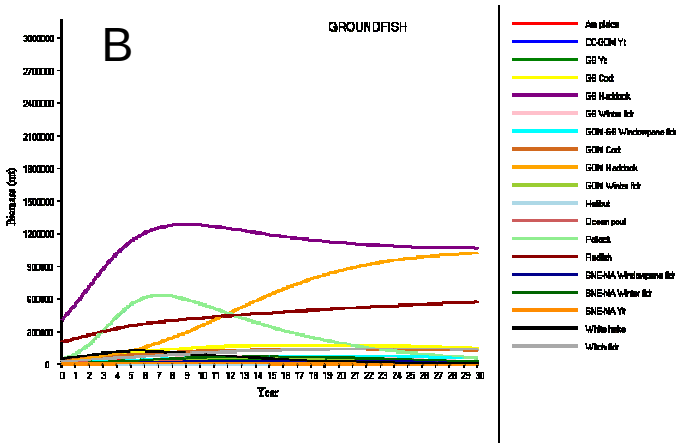


Harvest, No Interactions – Demersal/Pelagic biomass over time

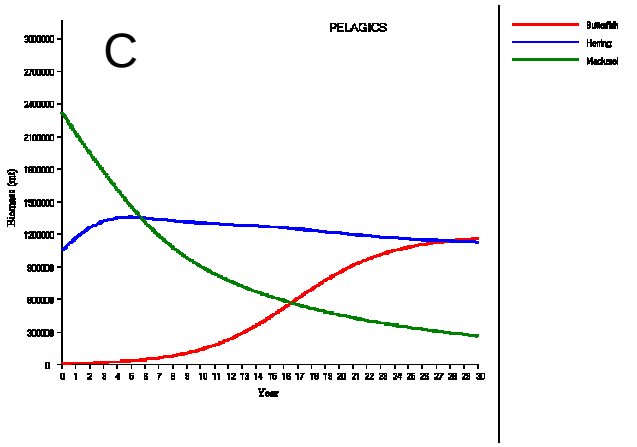
Fig. 10



No Harvest, Interactions – Elasmobranch biomasses over time



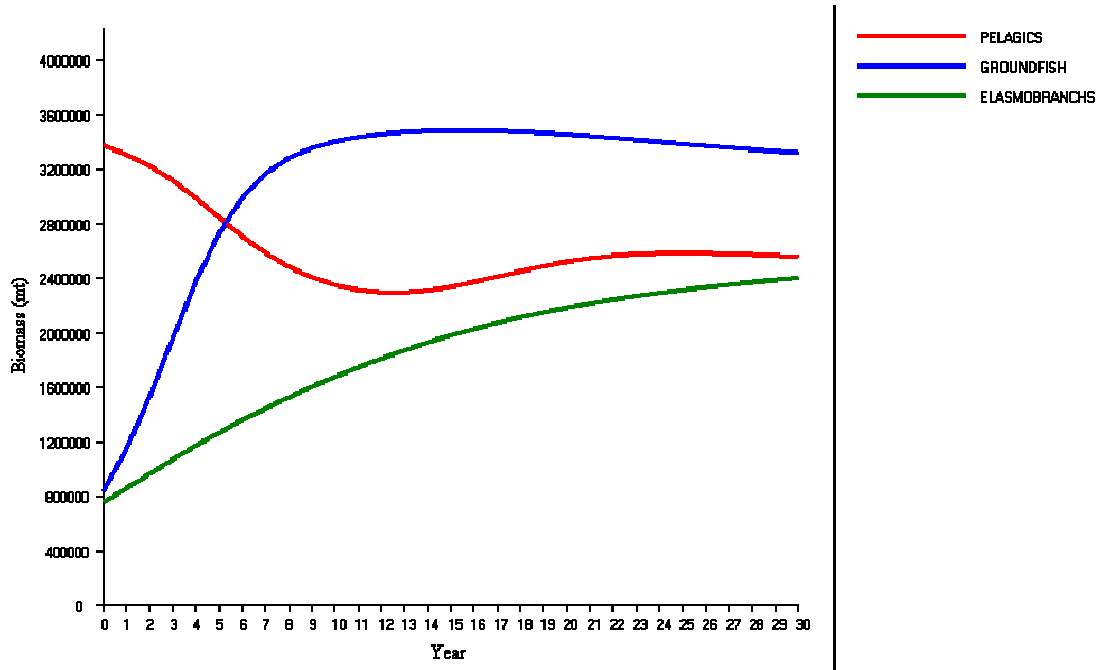
No Harvest, Interactions – Groundfish biomasses over time



No Harvest, Interactions – Pelagic biomasses over time

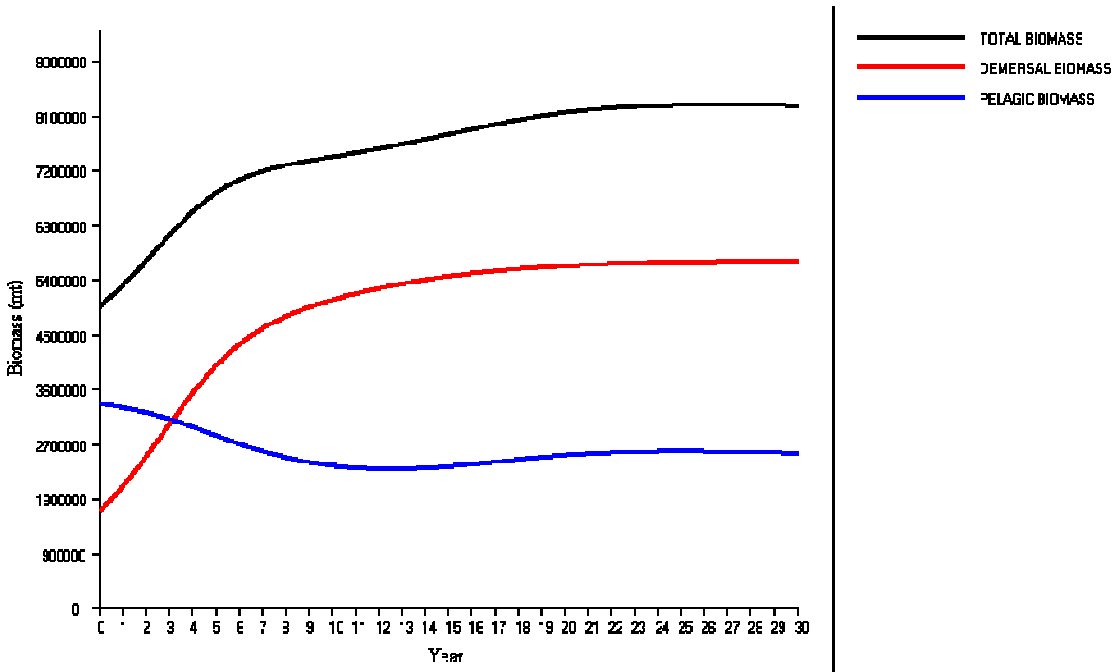
Fig. 11

A



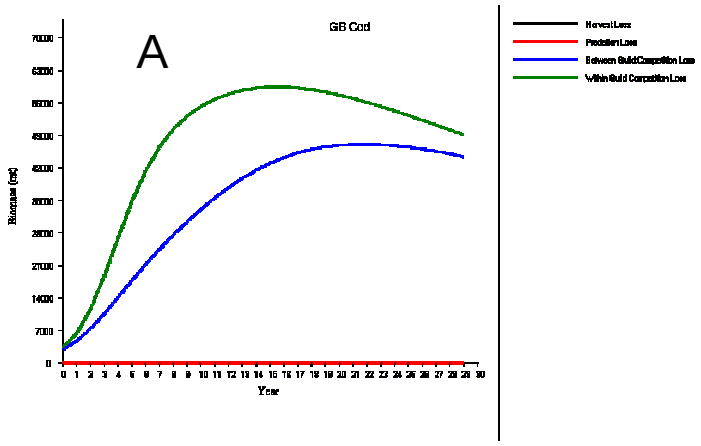
No Harvest, Interactions – Guild biomass over time

B

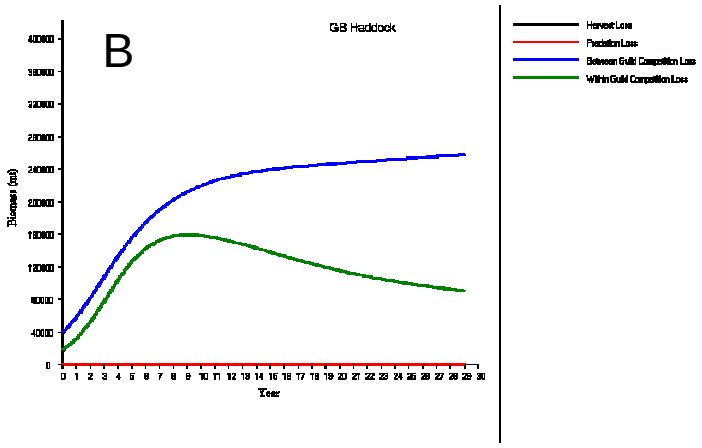


No Harvest, Interactions – Demersal/Pelagic biomass over time

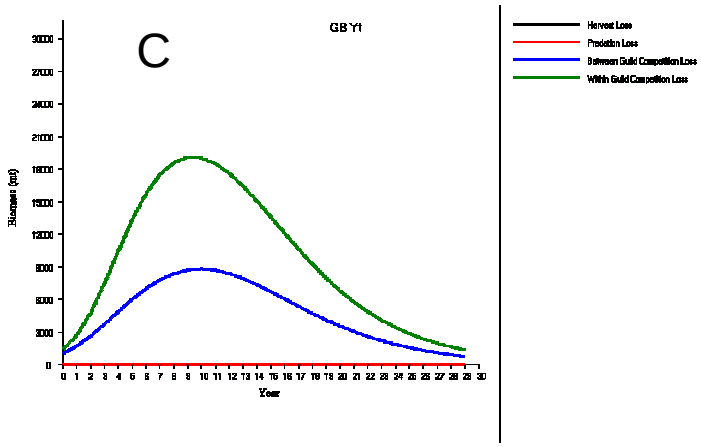
Fig. 12



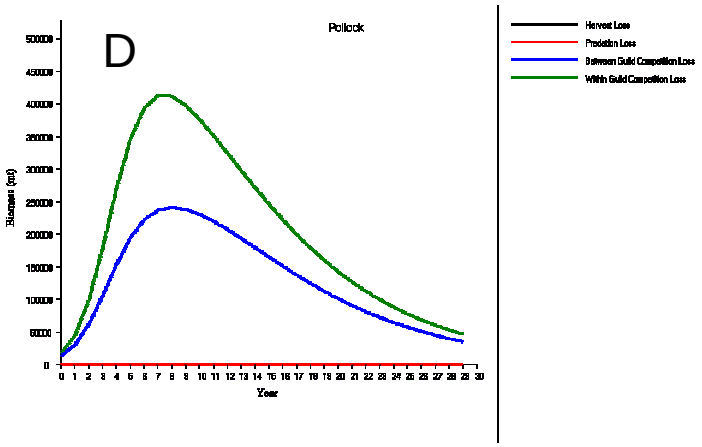
No Harvest, Interactions – Losses of GB-Cod biomass



No Harvest, Interactions – Losses of GB-Haddock biomass

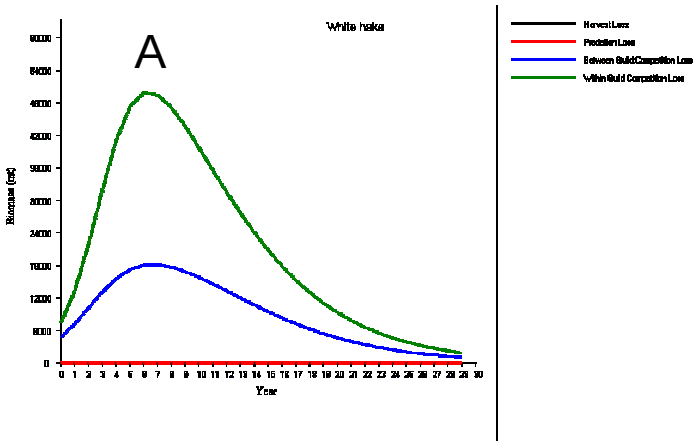


No Harvest, Interactions – Losses of GB-Yt biomass

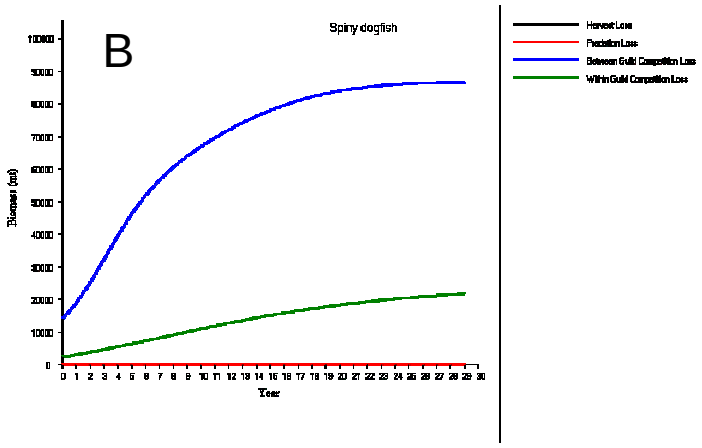


No Harvest, Interactions – Losses of Pollock biomass

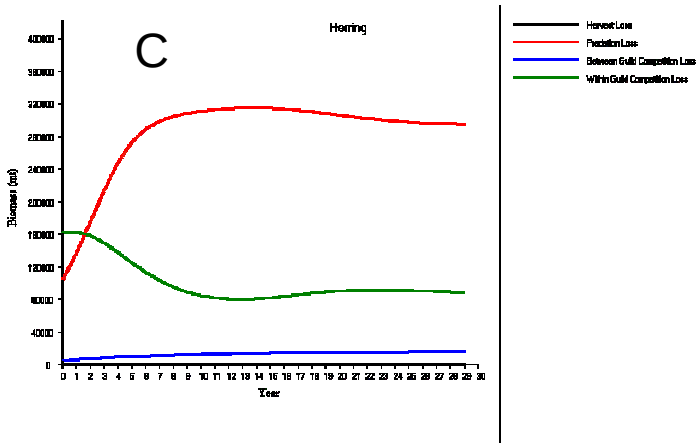
Fig. 13



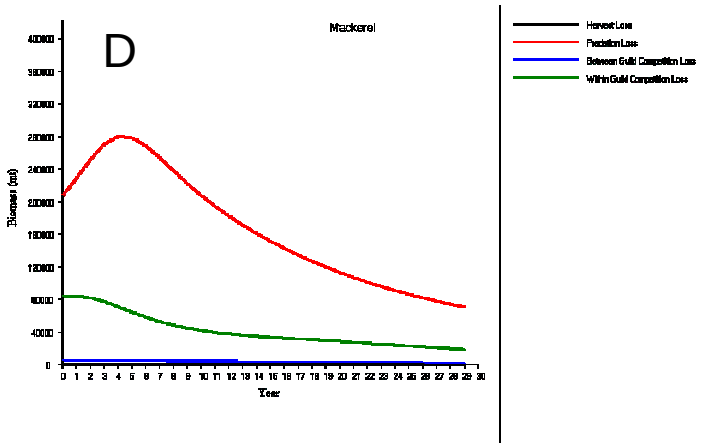
No Harvest, Interactions – Losses of White hake biomass



No Harvest, Interactions – Lossesof Spiny dogfish biomass

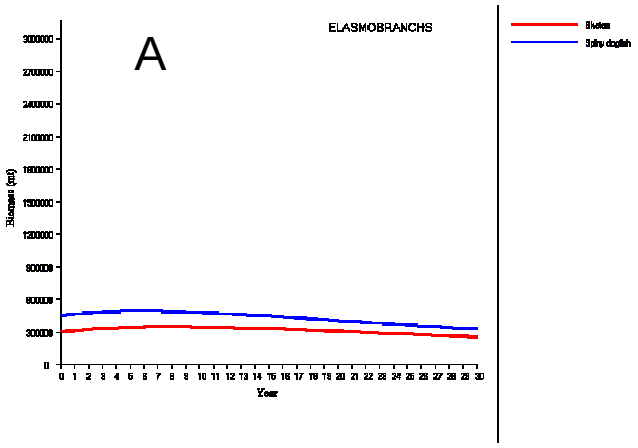


No Harvest, Interactions – Losses of Herring biomass

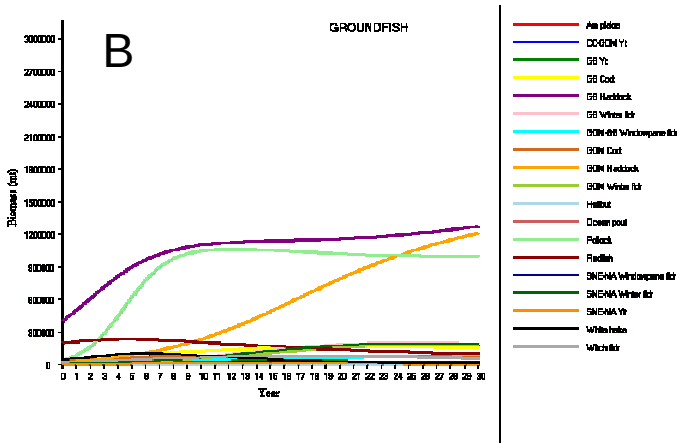


No Harvest, Interactions – Losses of Mackerel biomass

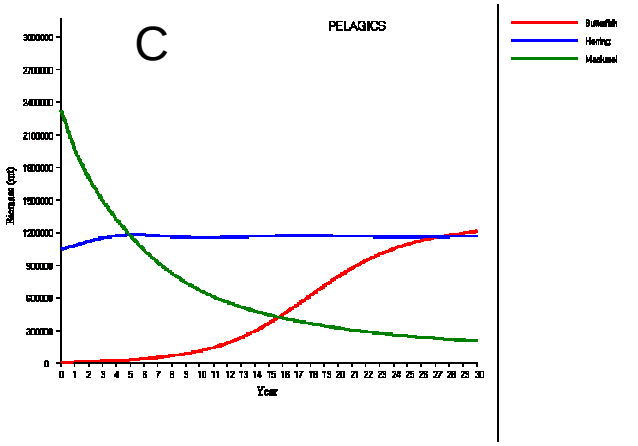
Fig. 14



Harvest, Interactions – Elasmobranch biomasses over time



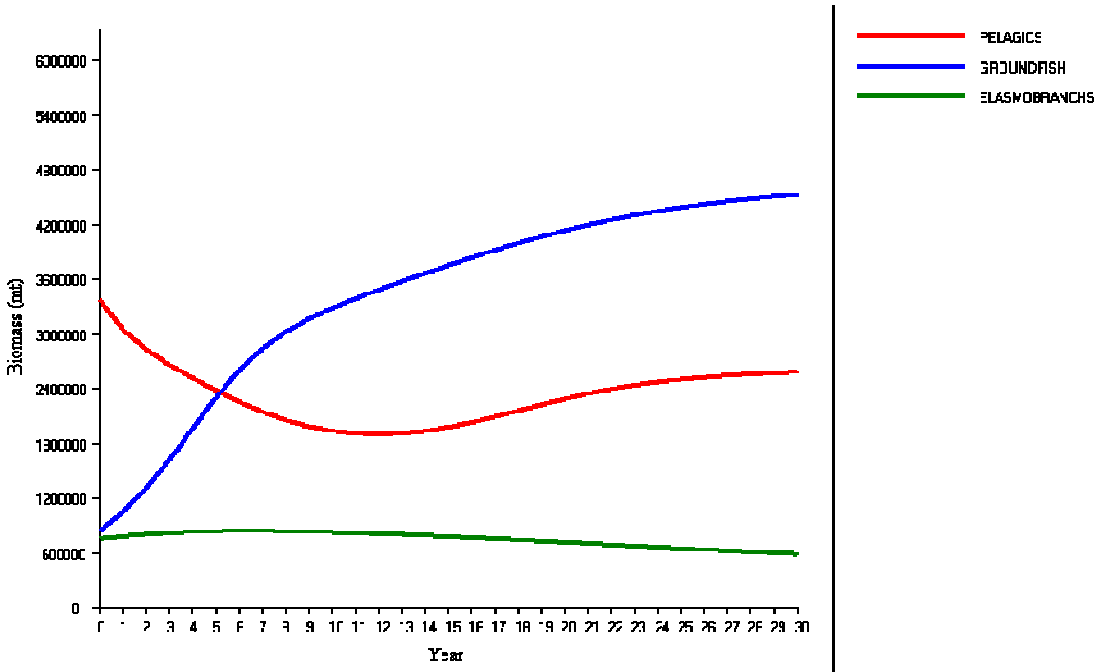
Harvest, Interactions – Groundfish biomasses over time



Harvest, Interactions – Pelagic biomasses over time

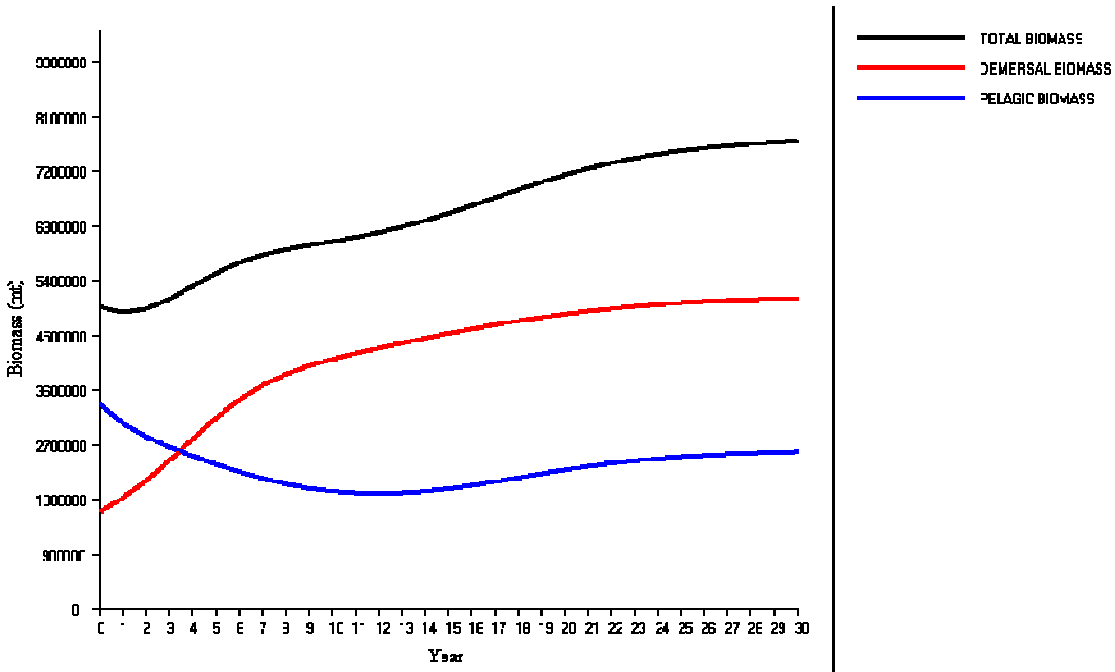
Fig. 15

A



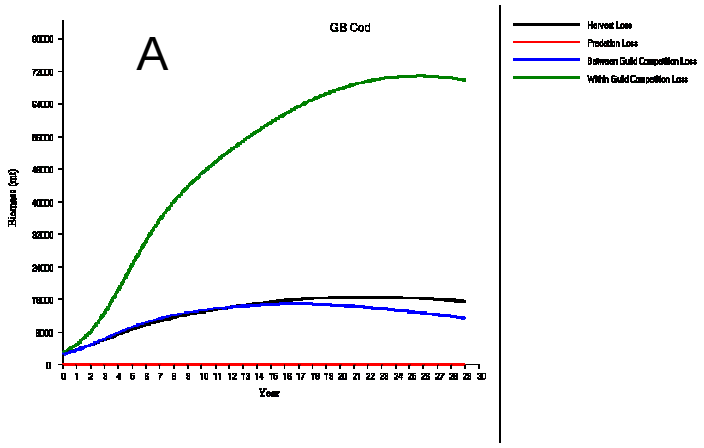
Harvest, Interactions – Guild biomass over time

B

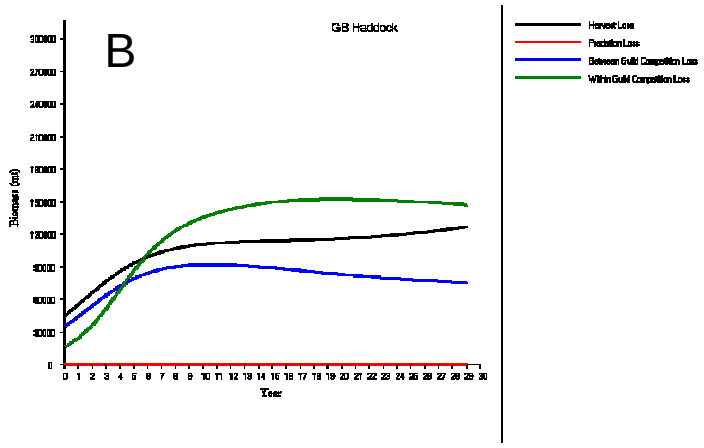


Harvest, Interactions – Demersal/Pelagic biomass over time

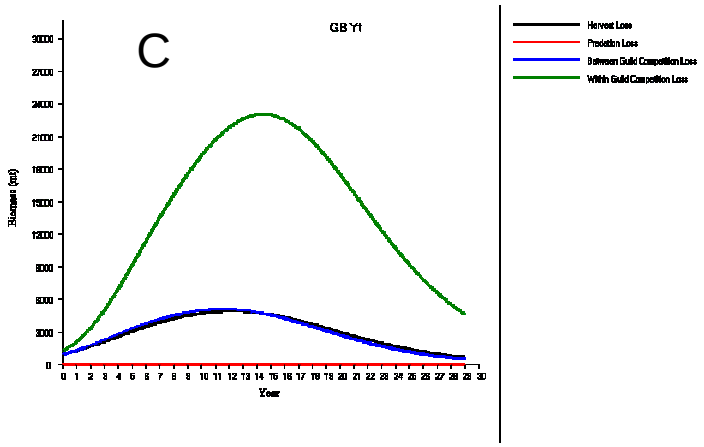
Fig. 16



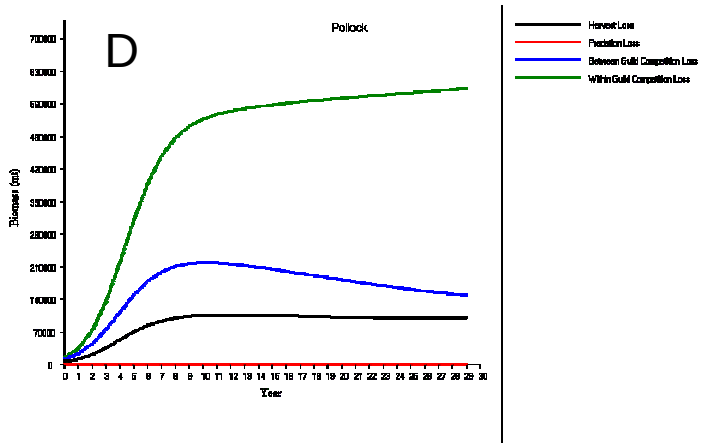
Harvest, Interactions – Losses of GB-Cod biomass



Harvest, Interactions – Losses of GB-Haddock biomass

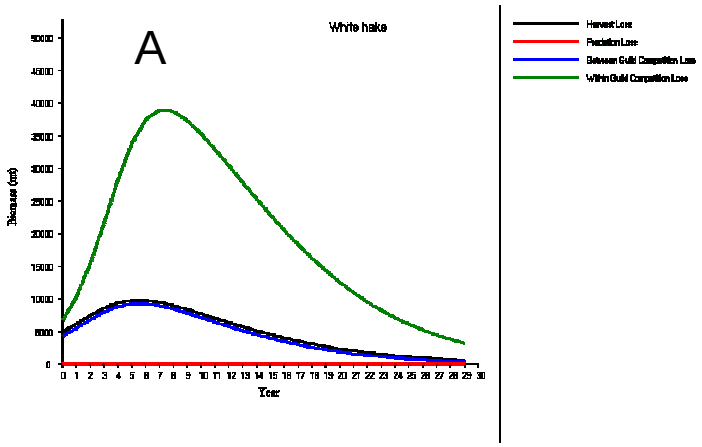


Harvest, Interactions – Losses of GB-Yt biomass

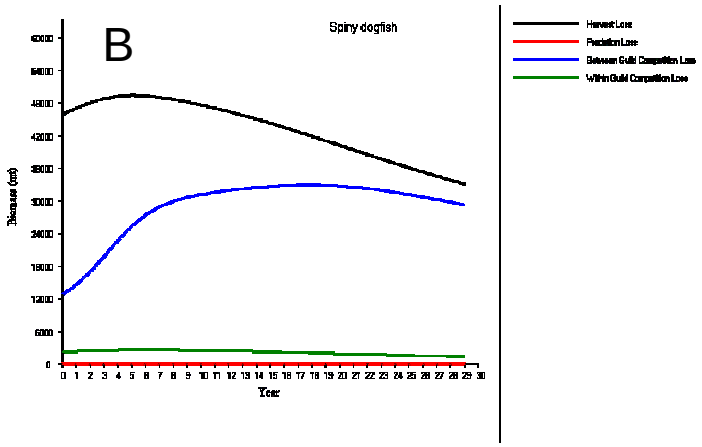


Harvest, Interactions – Losses of Pollock biomass

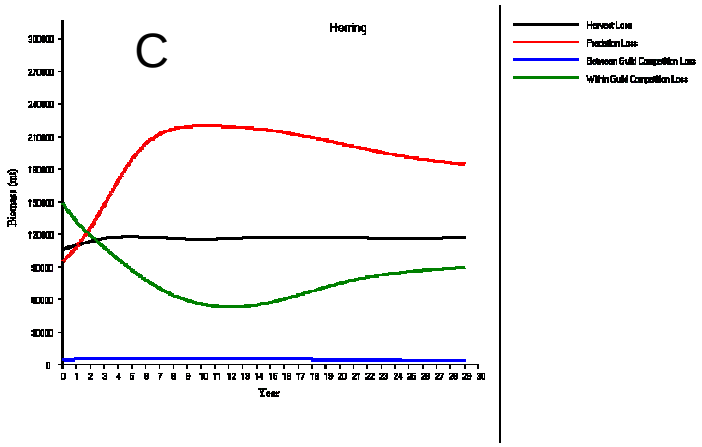
Fig. 17



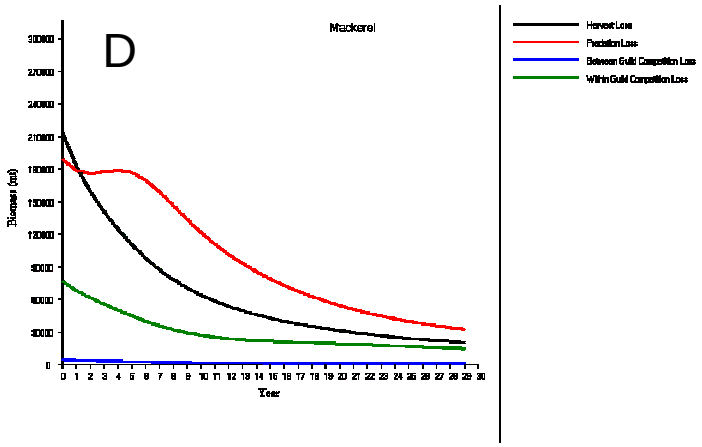
Harvest, Interactions – Losses of White hake biomass



No Harvest, Interactions – Losses of Spiny dogfish biomass

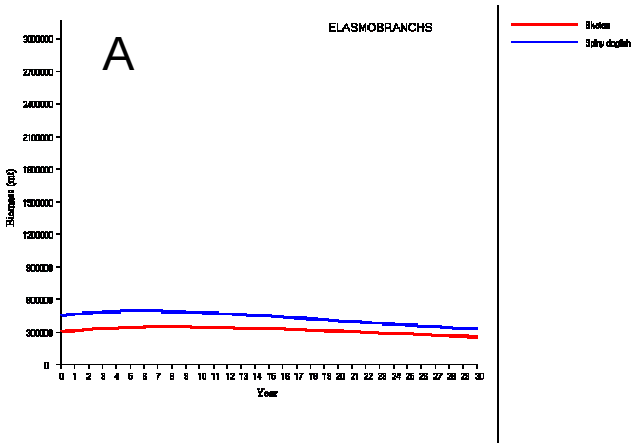


Harvest, Interactions – Losses of Herring biomass

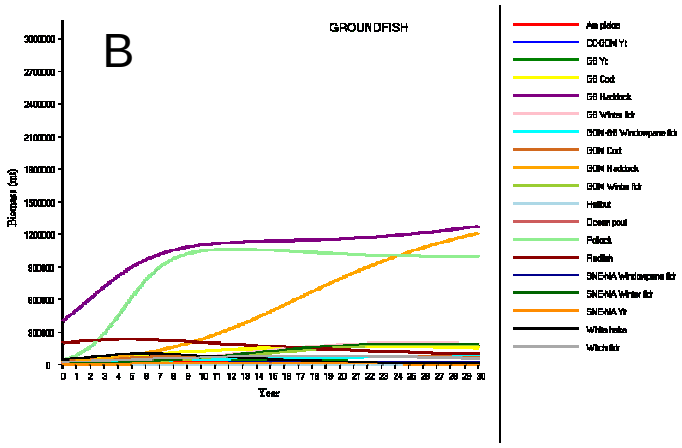


Harvest, Interactions – Losses of Mackerel biomass

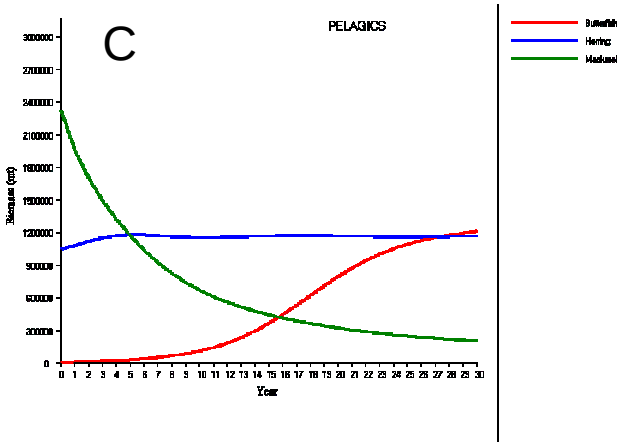
Fig. 18



Harvest (0.1), Interactions – Elasmobranch biomasses



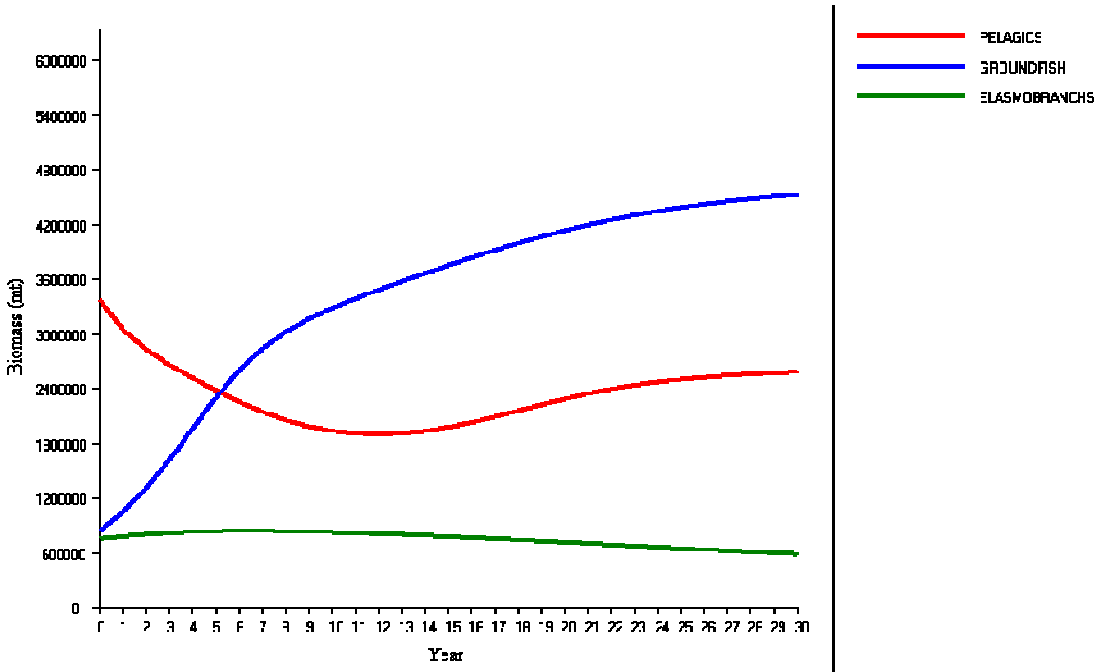
Harvest (0.1), Interactions – Groundfish biomasses



Harvest (0.1), Interactions – Pelagic biomasses

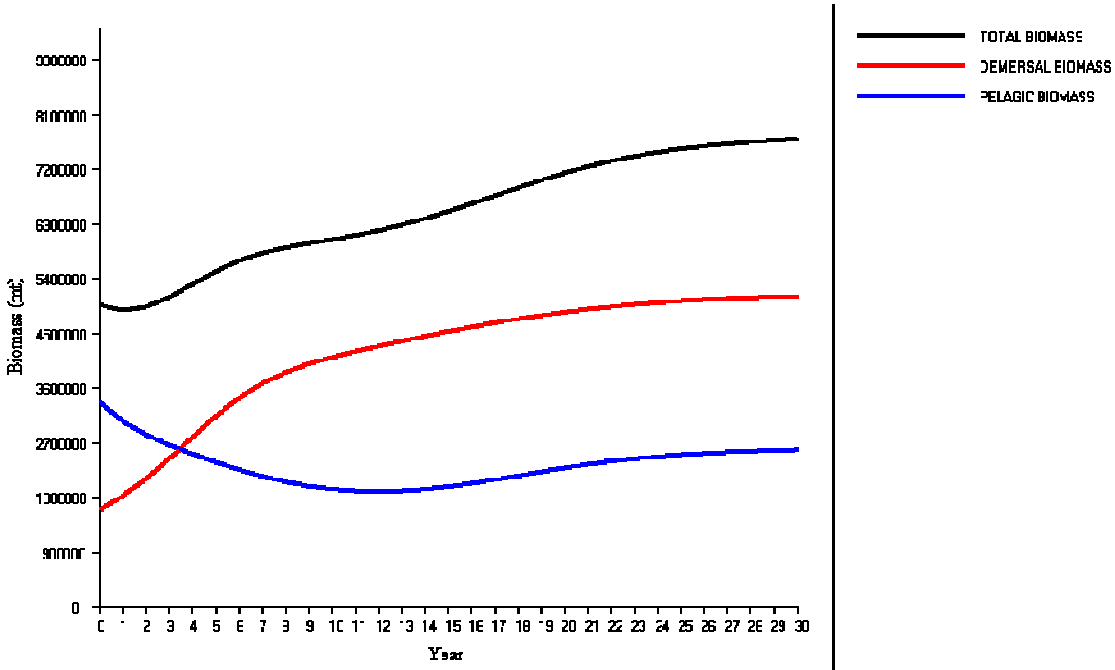
Fig. 19

A



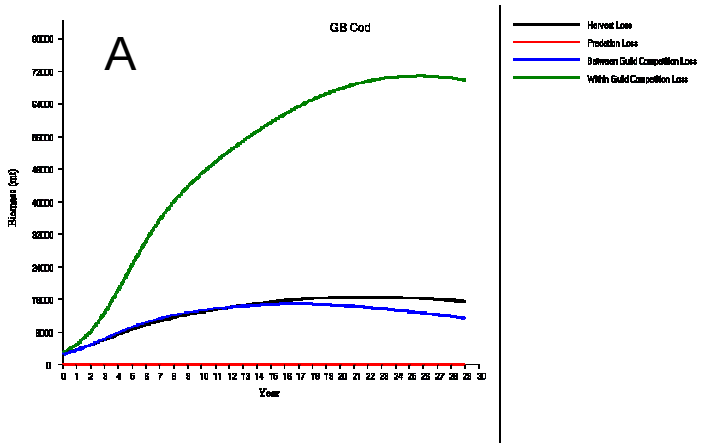
Harvest (0.1), Interactions – Guild biomass

B

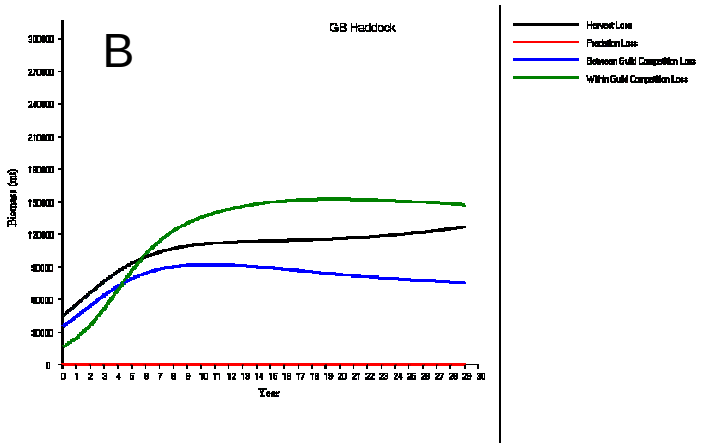


Harvest (0.1), Interactions – Demersal/Pelagic biomass

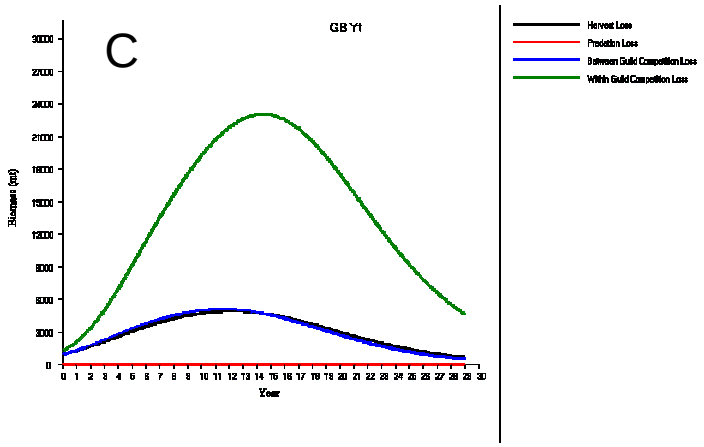
Fig. 20



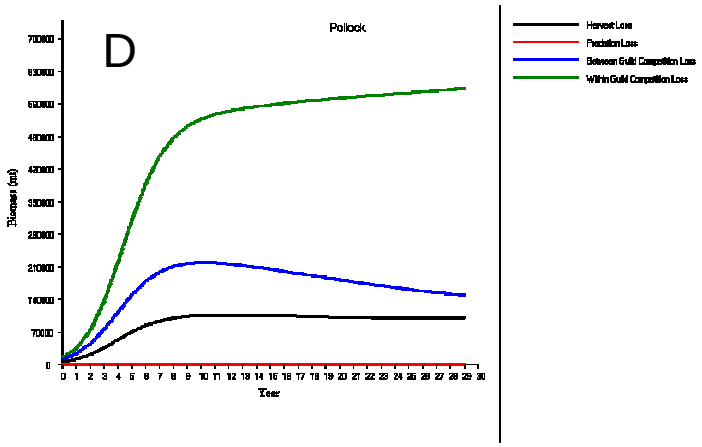
Harvest (0.1), Interactions – Losses of GB-Cod biomass



Harvest (0.1), Interactions – Losses of GB-Haddock biomass

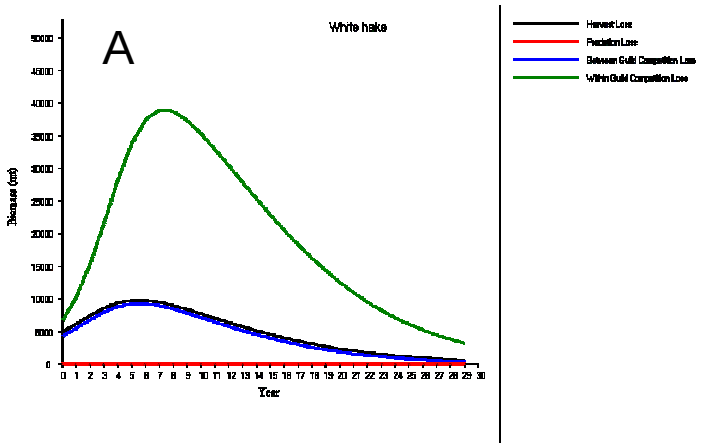


Harvest (0.1), Interactions – Losses of GB-Yt biomass

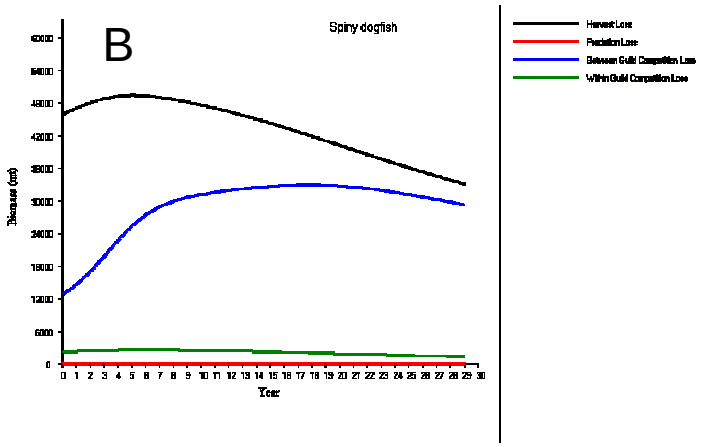


Harvest (0.1), Interactions – Losses of Pollock biomass

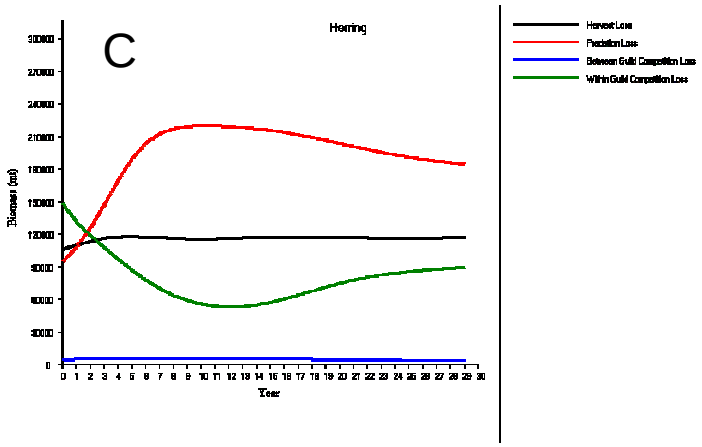
Fig. 21



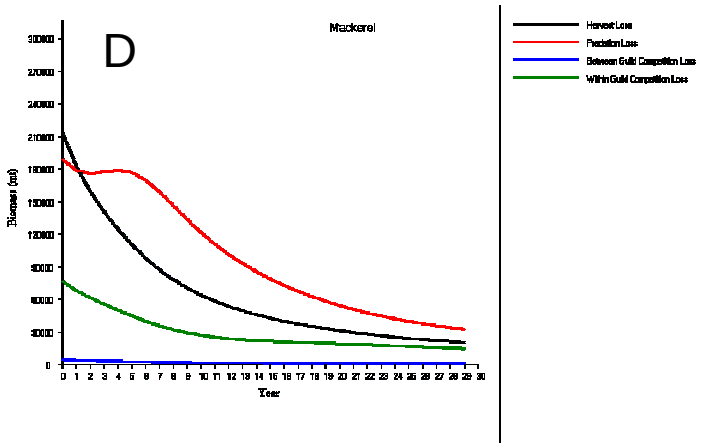
Harvest (0.1), Interactions – Losses of White hake biomass



Harvest (0.1), Interactions – Losses of Spiny dogfish biomass

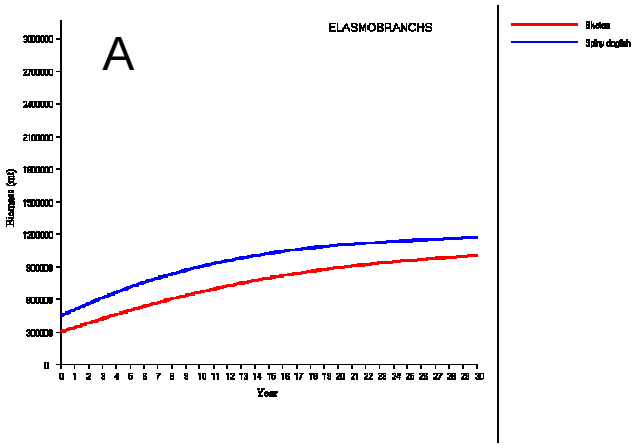


Harvest (0.1), Interactions – Losses of Herring biomass

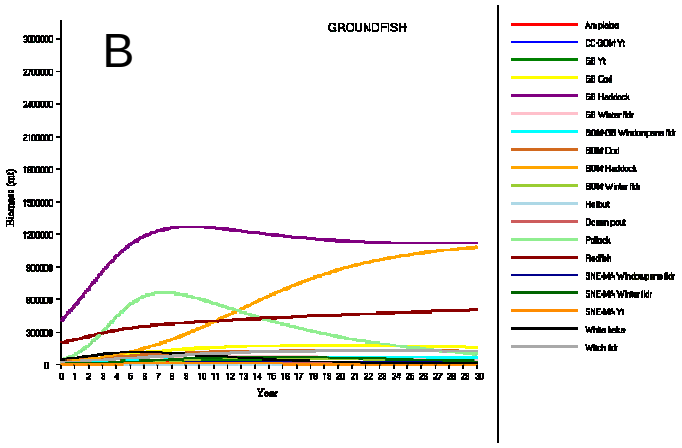


Harvest (0.1), Interactions – Losses of Mackerel biomass

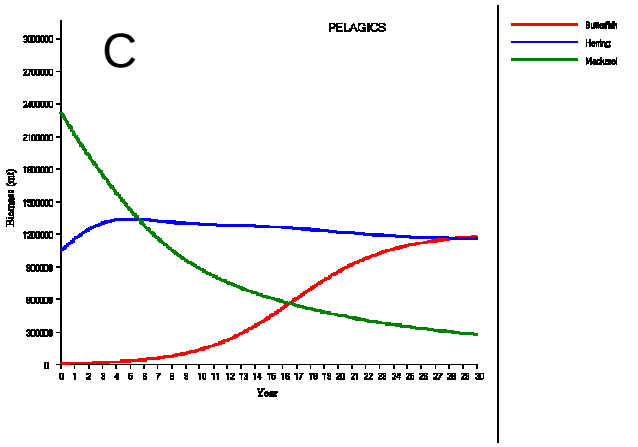
Fig. 22



Harvest (0.01), Interactions – Elasmobranch biomasses



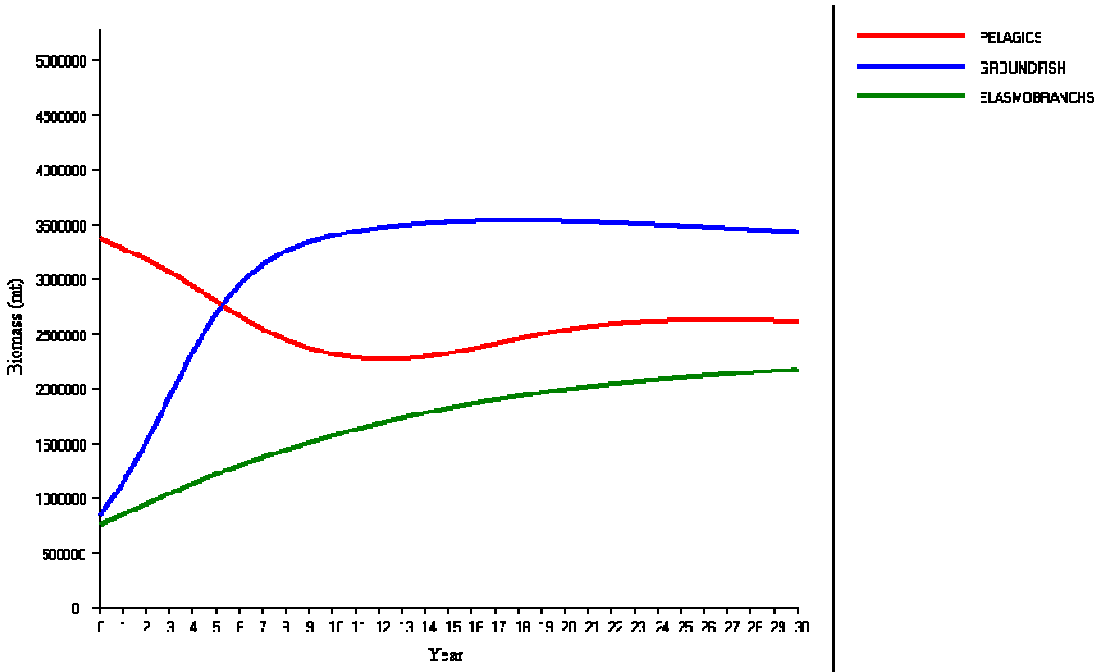
Harvest (0.01), Interactions – Groundfish biomasses



Harvest (0.01), Interactions – Pelagic biomasses

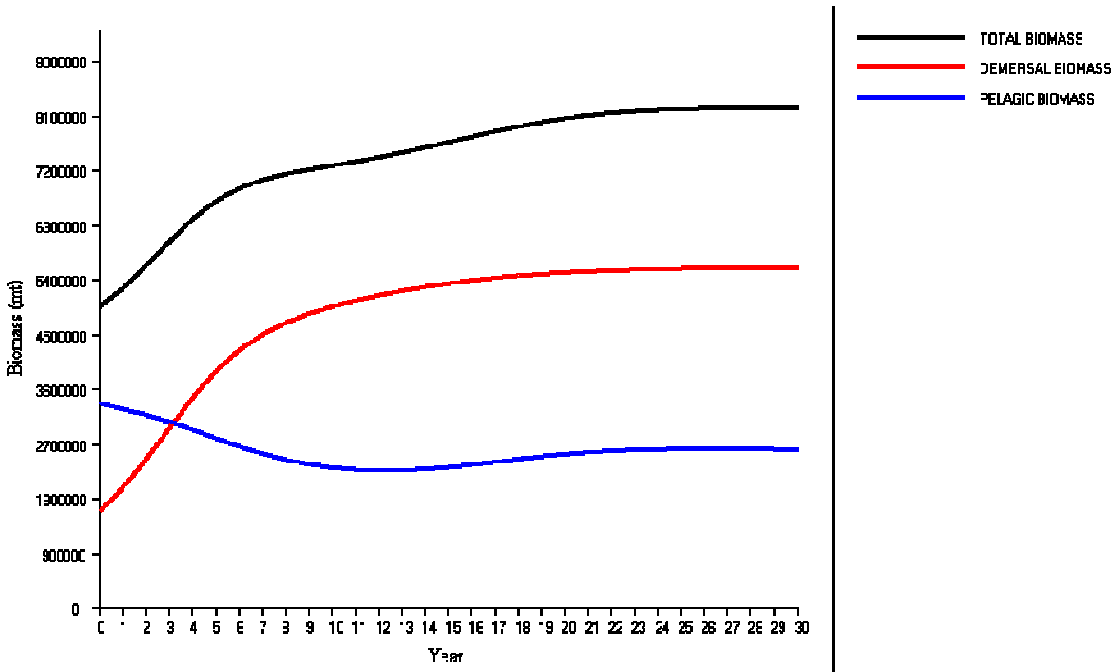
Fig. 23

A



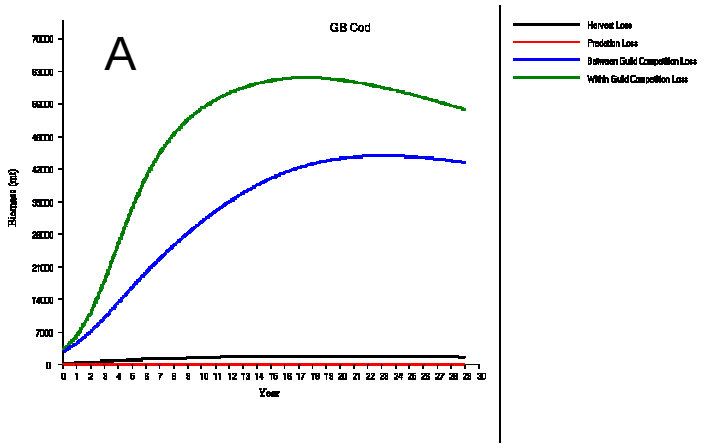
Harvest (0.01), Interactions – Guild biomass

B

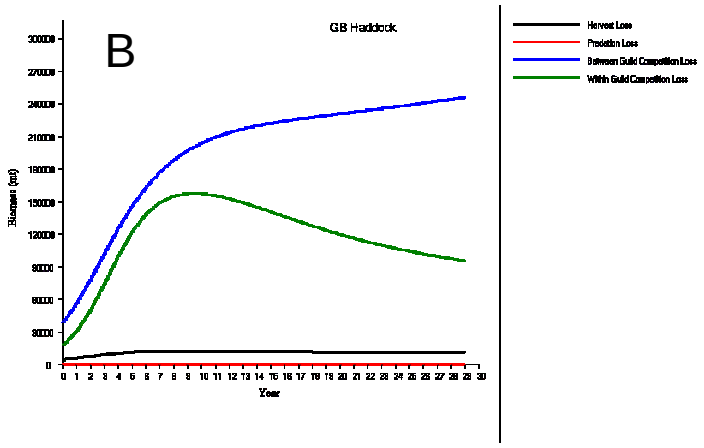


Harvest (0.01), Interactions – Demersal/Pelagic biomass

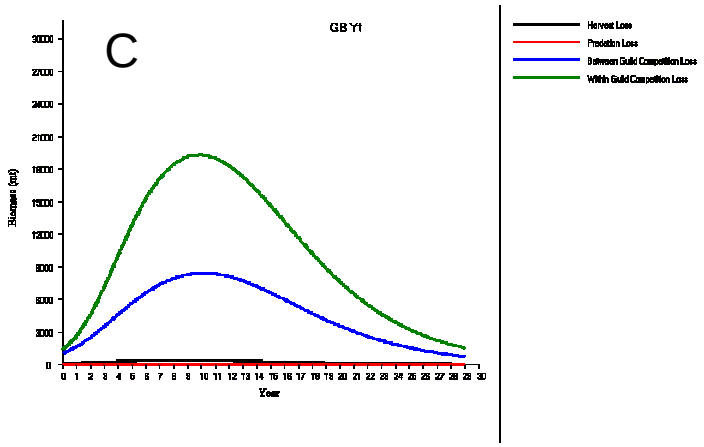
Fig. 24



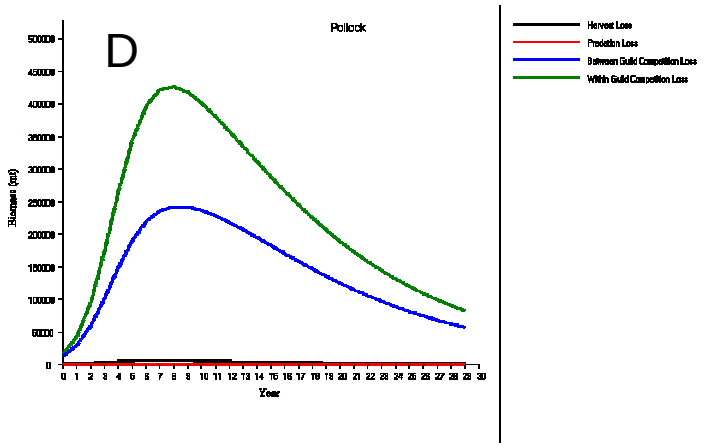
Harvest (0.01), Interactions – Losses of GB-Cod biomass



Harvest (0.01), Interactions – Losses of GB-Haddock biomass

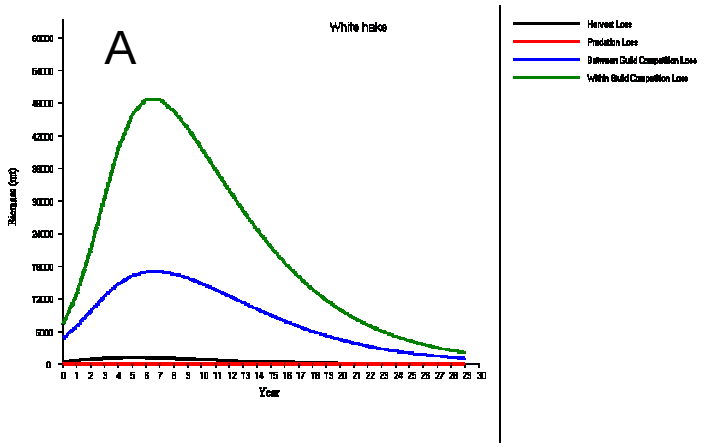


Harvest (0.01), Interactions – Losses of GB-Yt biomass

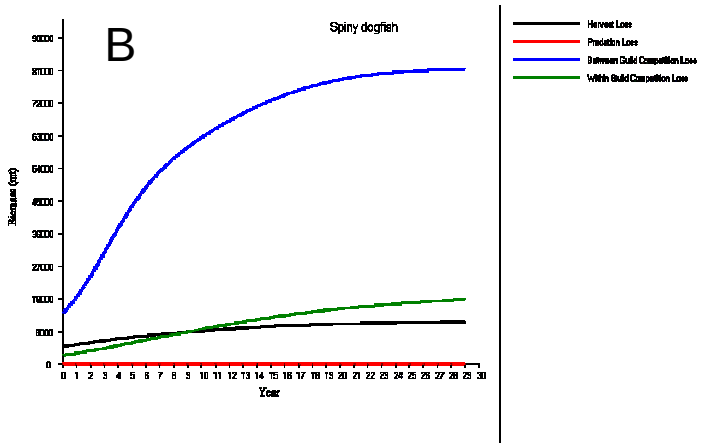


Harvest (0.01), Interactions – Losses of Pollock biomass

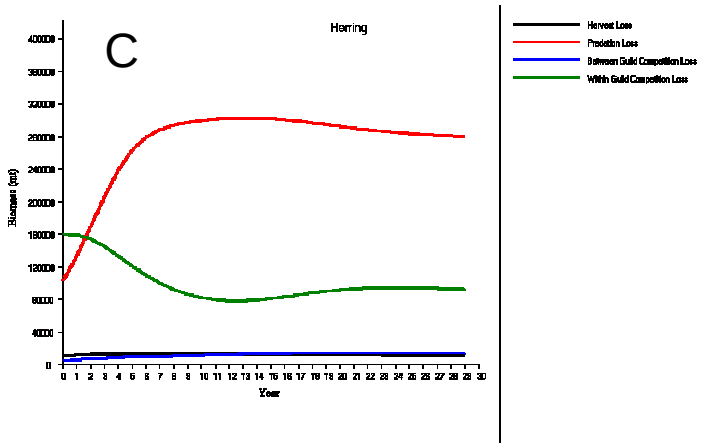
Fig. 25



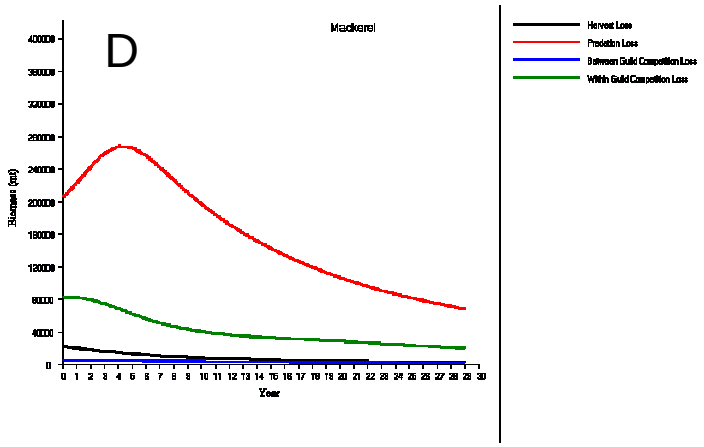
Harvest (0.01), Interactions – Losses of White hake biomass



Harvest (0.01), Interactions – Losses of Spiny dogfish biomass

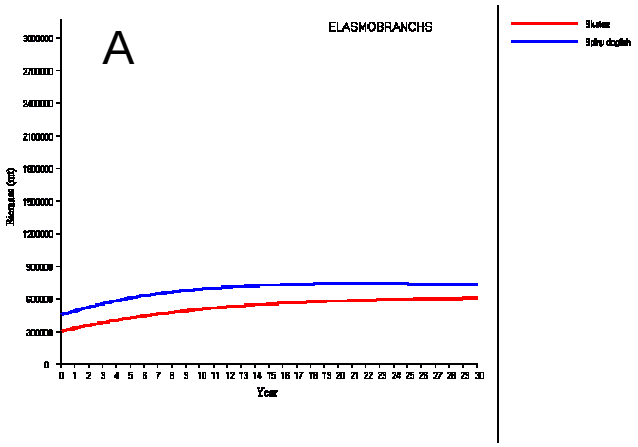


Harvest (0.01), Interactions – Losses of Herring biomass

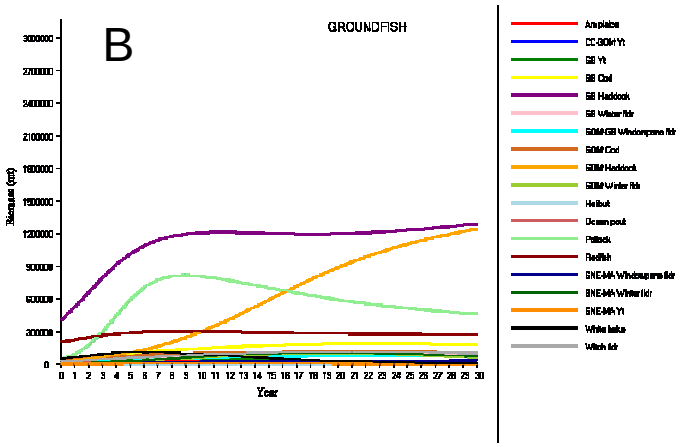


Harvest (0.01), Interactions – Losses of Mackerel biomass

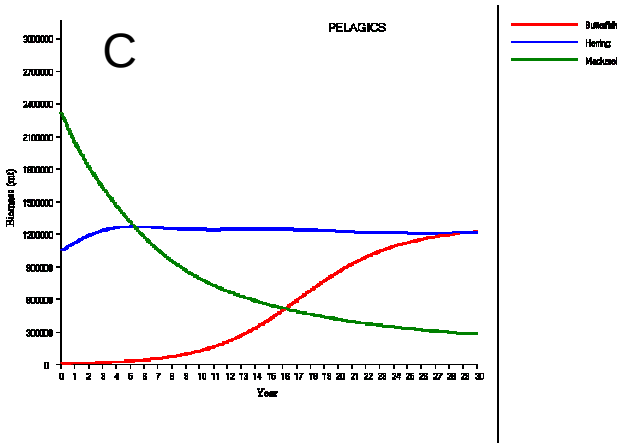
Fig. 26



Harvest (0.05), Interactions – Elasmobranch biomasses



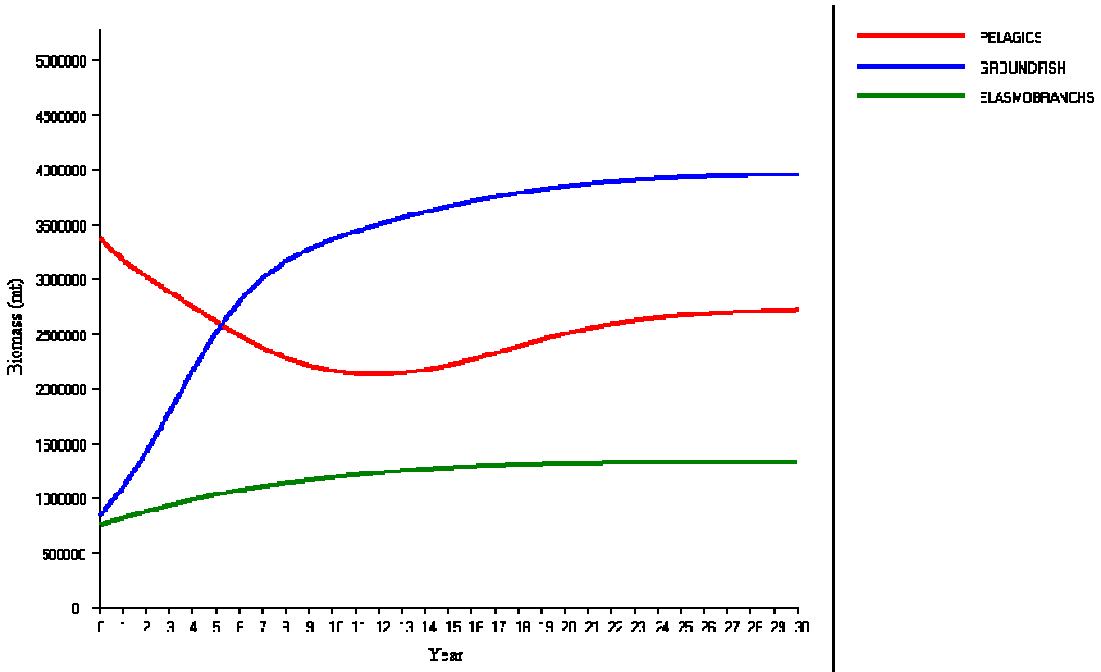
Harvest (0.05), Interactions – Groundfish biomasses



Harvest (0.05), Interactions – Pelagic biomasses

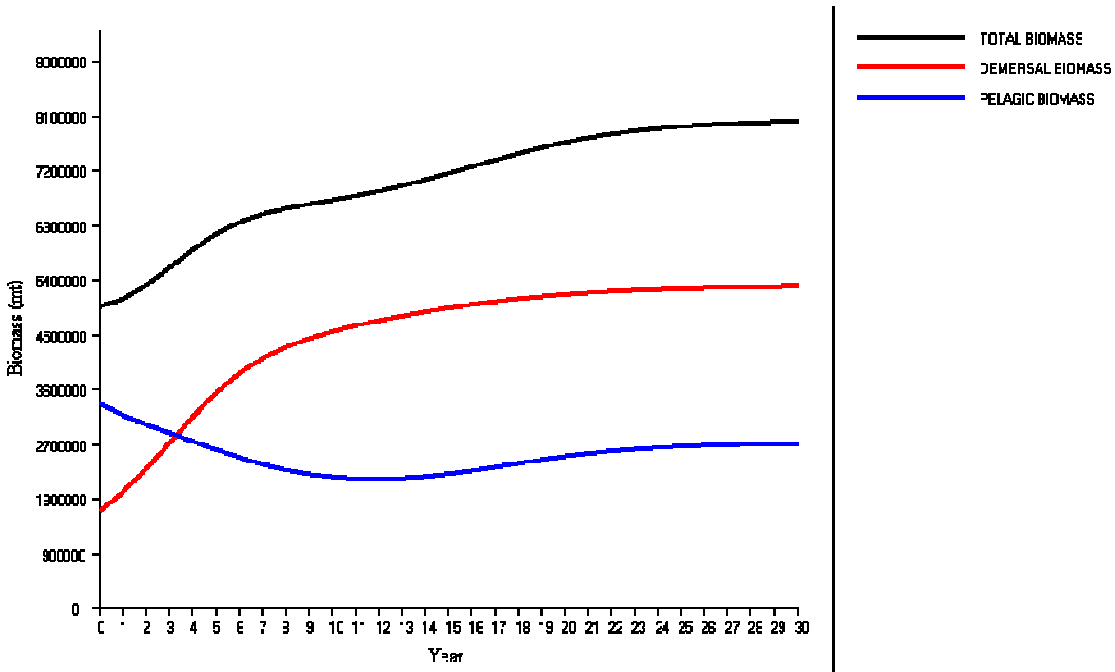
Fig. 27

A



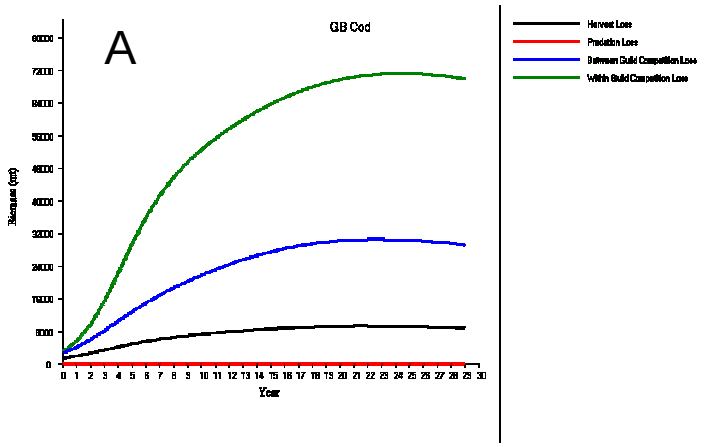
Harvest (0.05), Interactions – Guild biomass

B

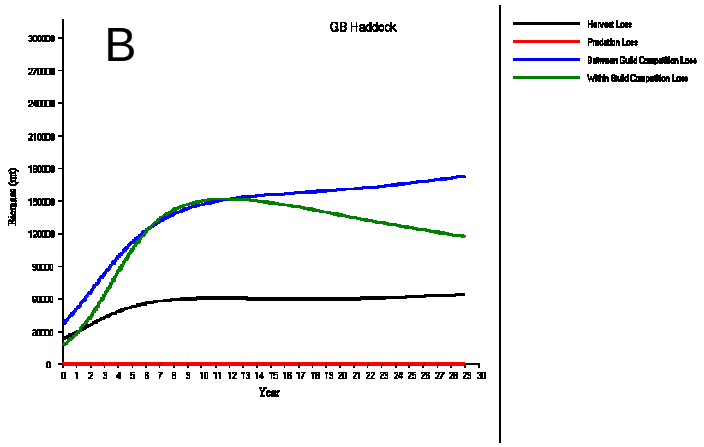


Harvest (0.05), Interactions – Demersal/Pelagic biomass

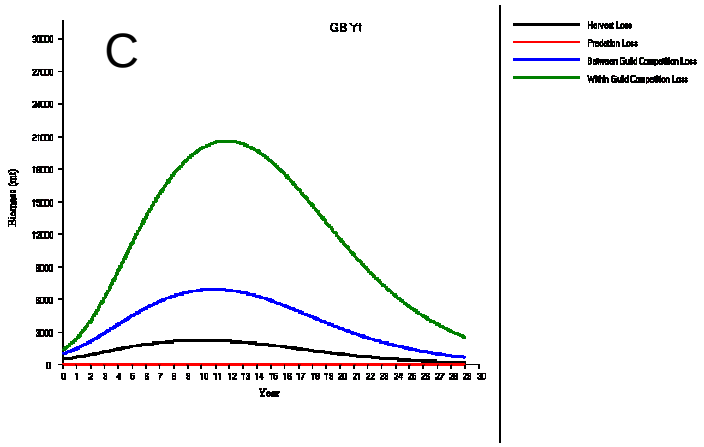
Fig. 28



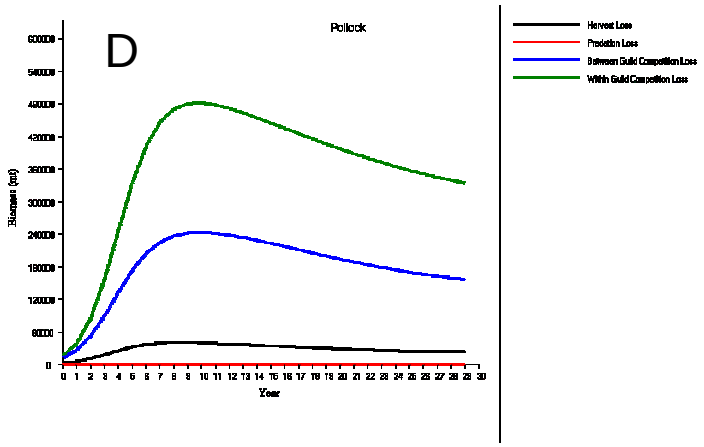
Harvest (0.05), Interactions – Losses of GB-Cod biomass



Harvest (0.05), Interactions – Losses of GB-Haddock biomass

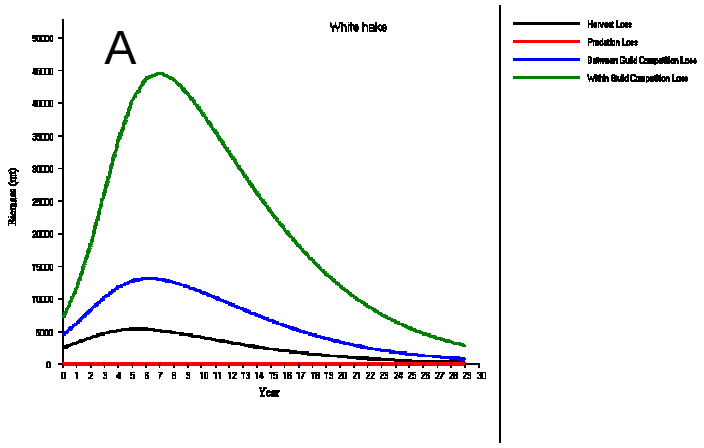


Harvest (0.05), Interactions – Losses of GB-Yt biomass

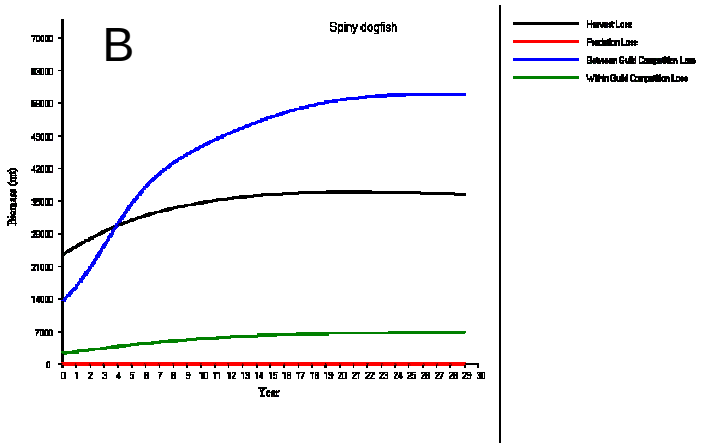


Harvest (0.05), Interactions – Losses of Pollock biomass

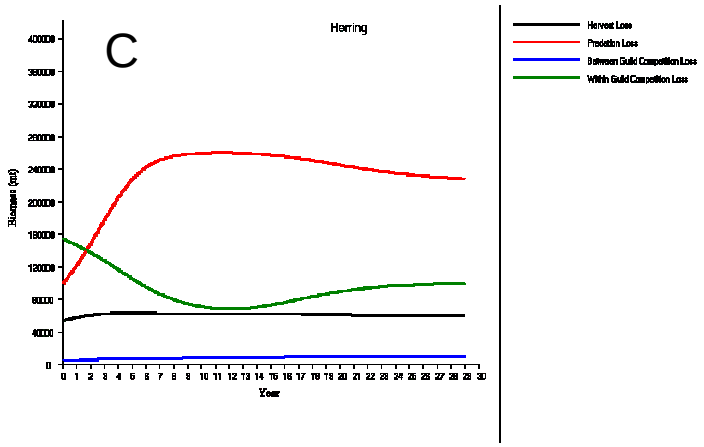
Fig. 29



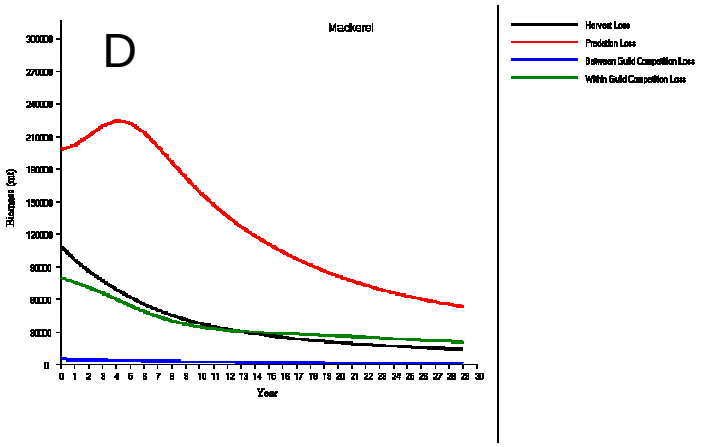
Harvest (0.05), Interactions – Losses of White hake biomass



Harvest (0.05), Interactions – Losses of Spiny dogfish biomass

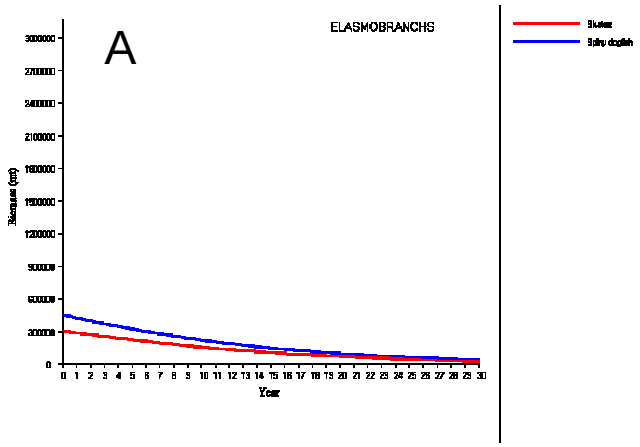


Harvest (0.05), Interactions – Losses of Herring biomass

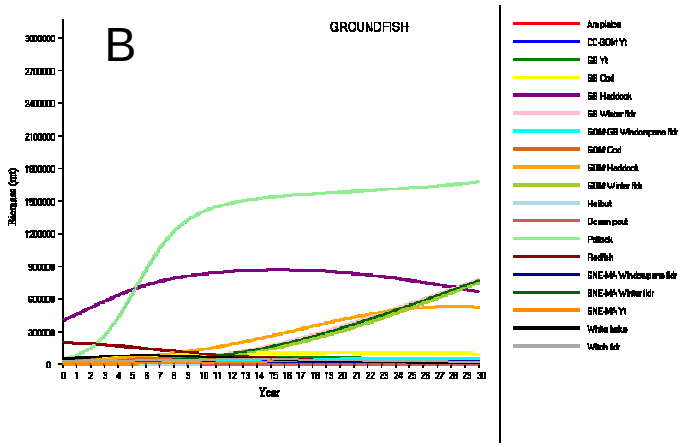


Harvest (0.05), Interactions – Losses of Mackerel biomass

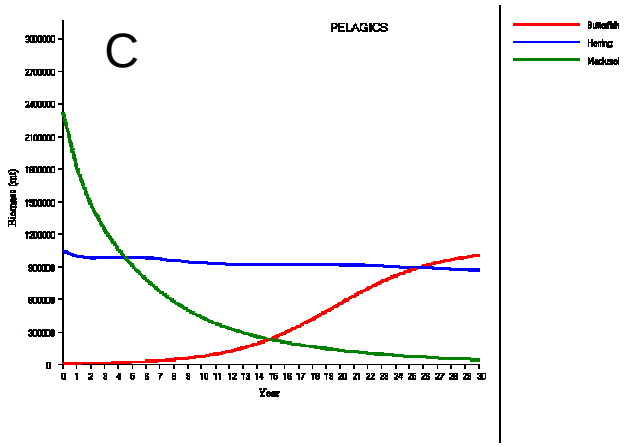
Fig. 30



Harvest (0.2), Interactions – Elasmobranch biomasses



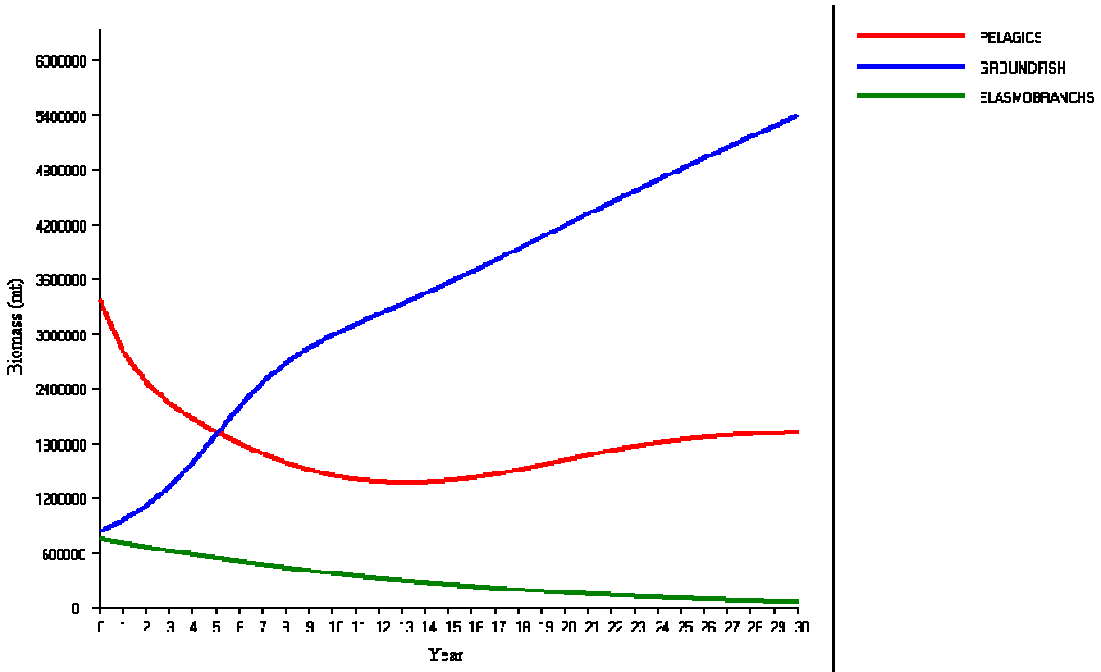
Harvest (0.2), Interactions – Groundfish biomasses



Harvest (0.2), Interactions – Pelagic biomasses

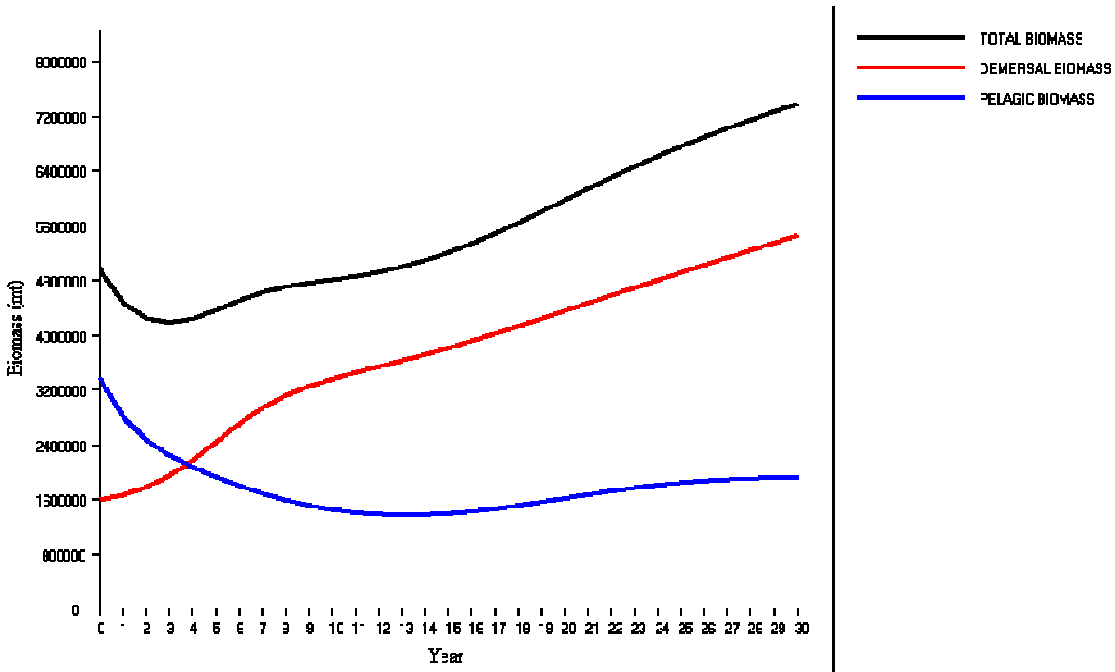
Fig. 31

A



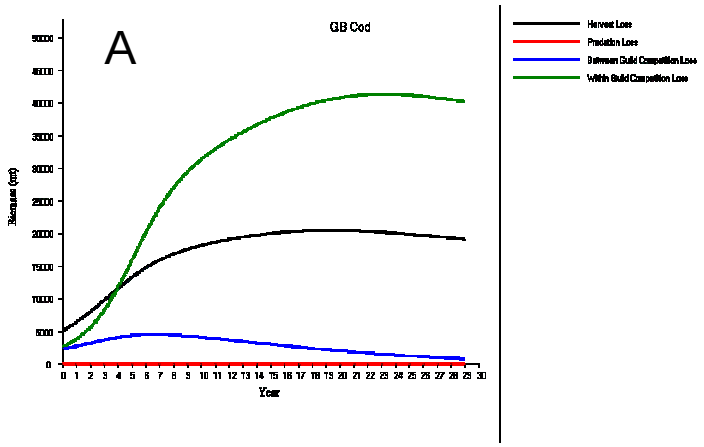
Harvest (0.2), Interactions – Guild biomass

B

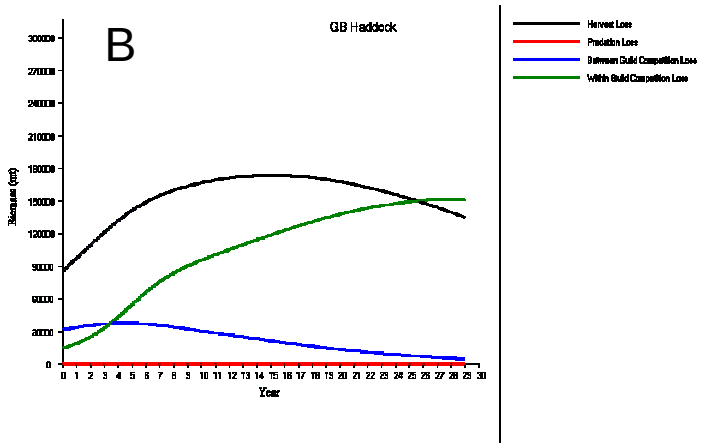


Harvest (0.2), Interactions – Demersal/Pelagic biomass

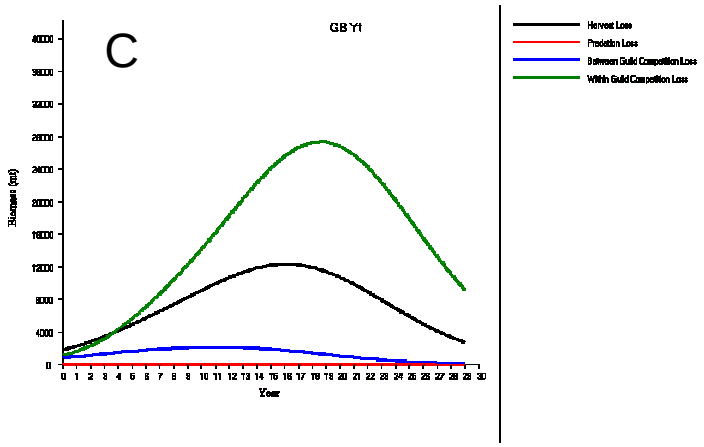
Fig. 32



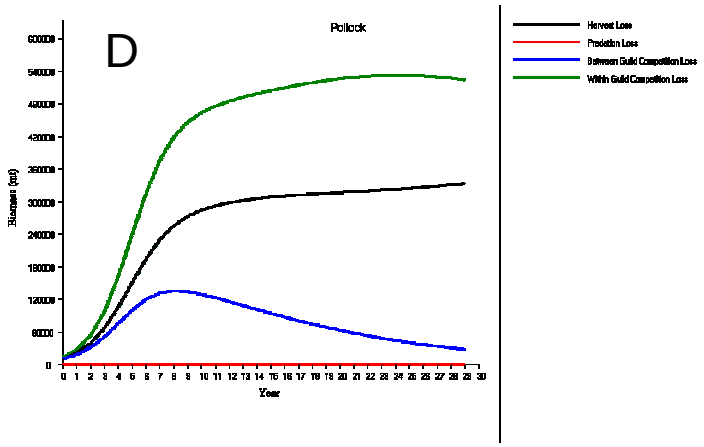
Harvest (0.2), Interactions – Losses of GB-Cod biomass



Harvest (0.2), Interactions – Losses of GB-Haddock biomass

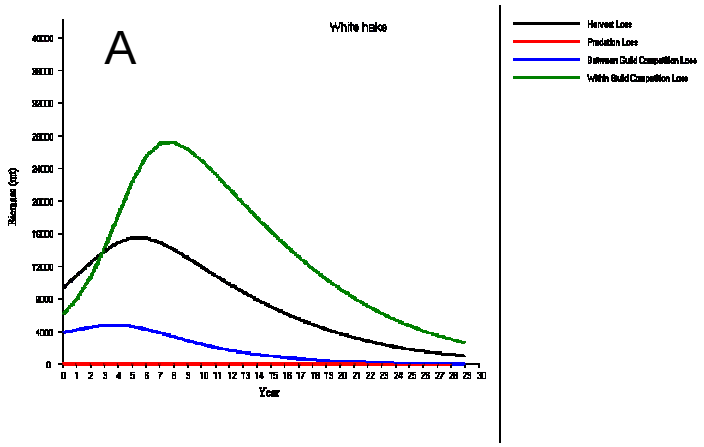


Harvest (0.2), Interactions – Losses of GB-Yt biomass

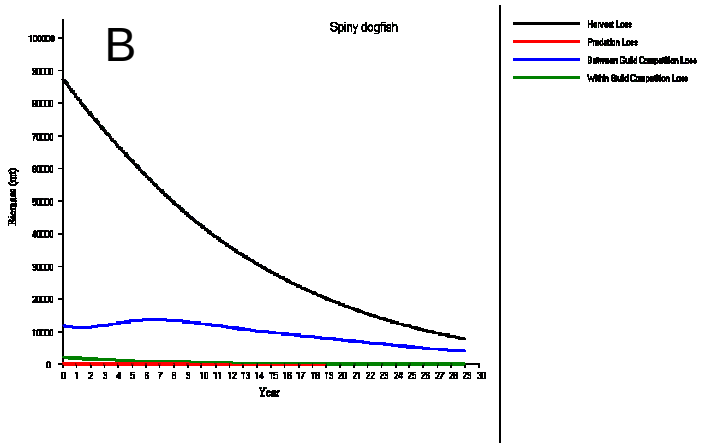


Harvest (0.2), Interactions – Losses of Pollock biomass

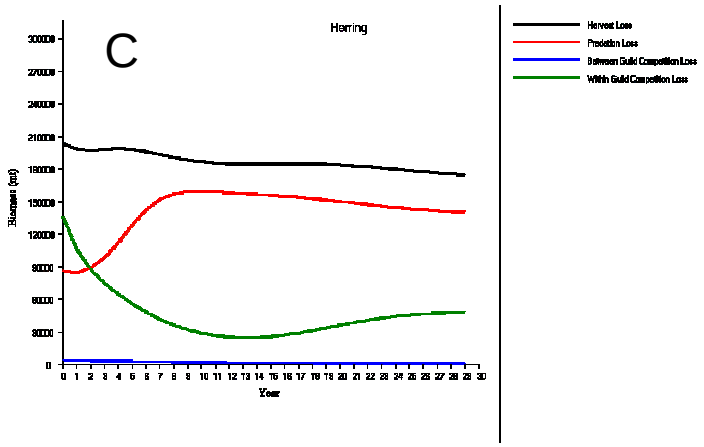
Fig. 33



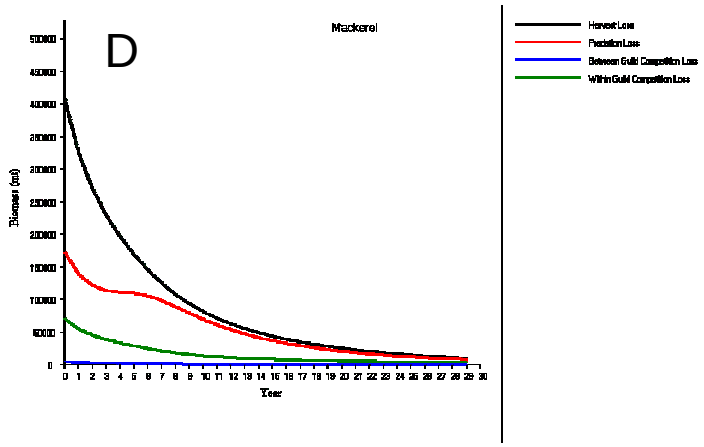
Harvest (0.2), Interactions – Losses of White hake biomass



Harvest (0.2), Interactions – Losses of Spiny dogfish biomass

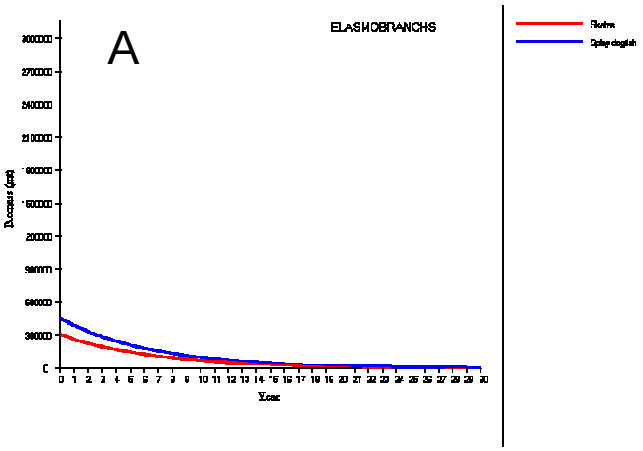


Harvest (0.2), Interactions – Losses of Herring biomass

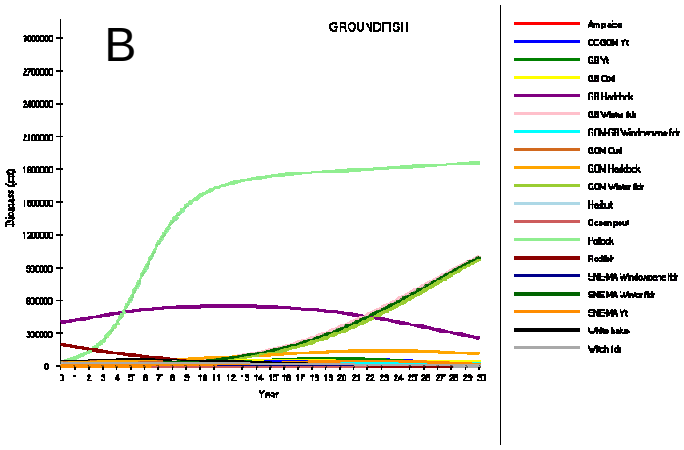


Harvest (0.2), Interactions – Losses of Mackerel biomass

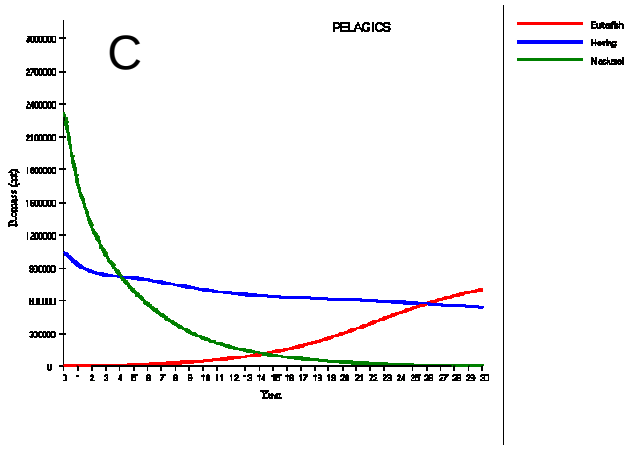
Fig. 34



Harvest (0.3), Interactions – Elasmobranch biomasses



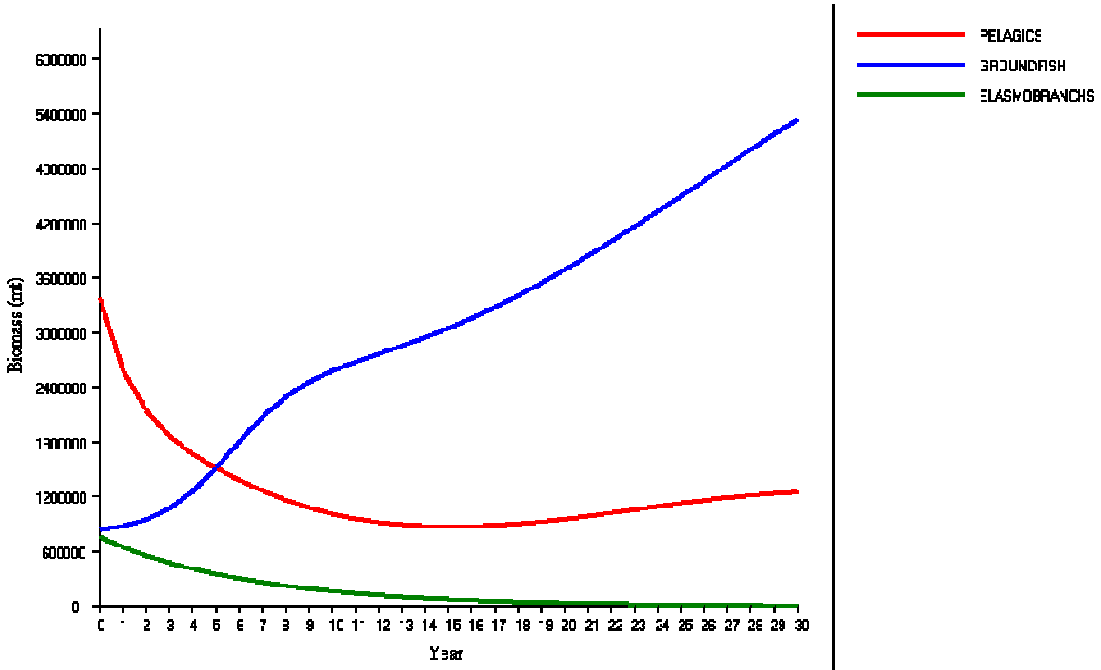
Harvest (0.3), Interactions – Groundfish biomasses



Harvest (0.3), Interactions – Pelagic biomasses

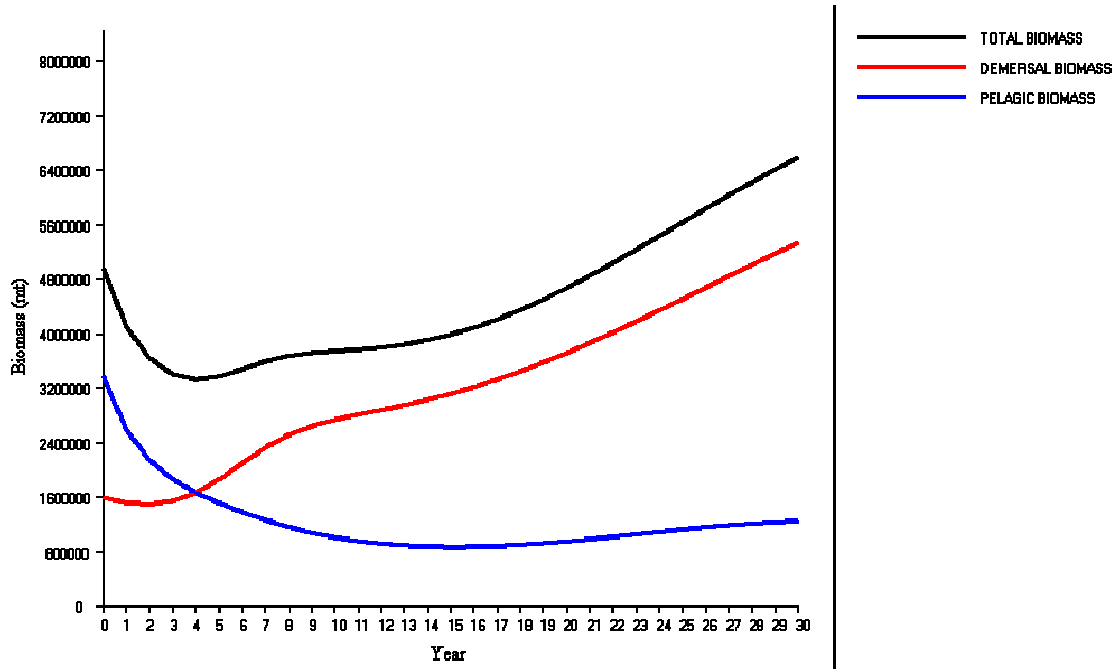
Fig. 35

A



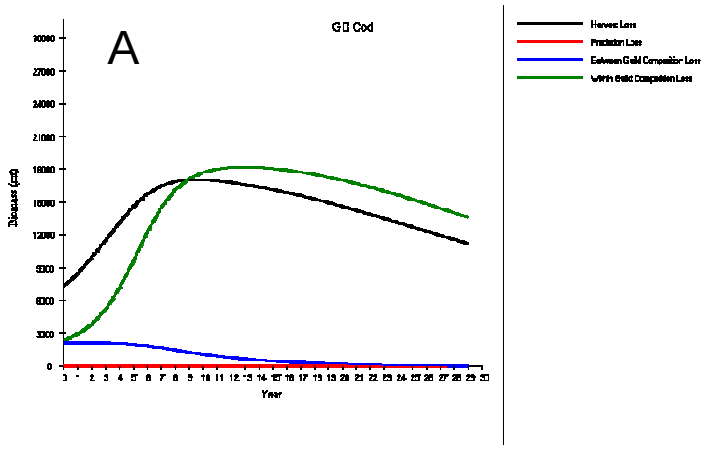
Harvest (0.3), Interactions – Guild biomass

B

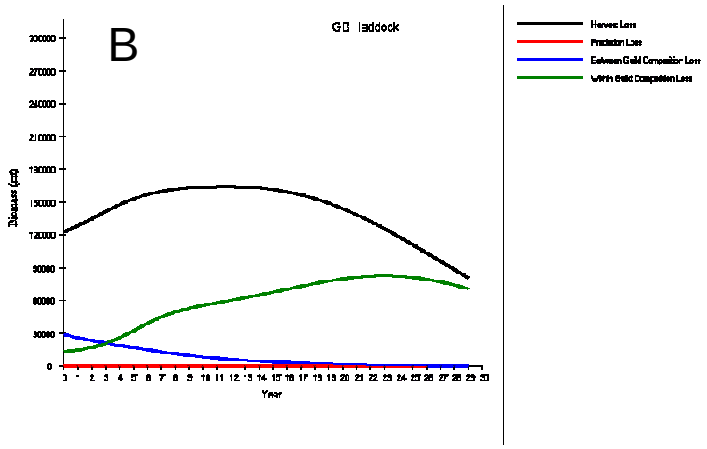


Harvest (0.3), Interactions – Demersal/Pelagic biomass

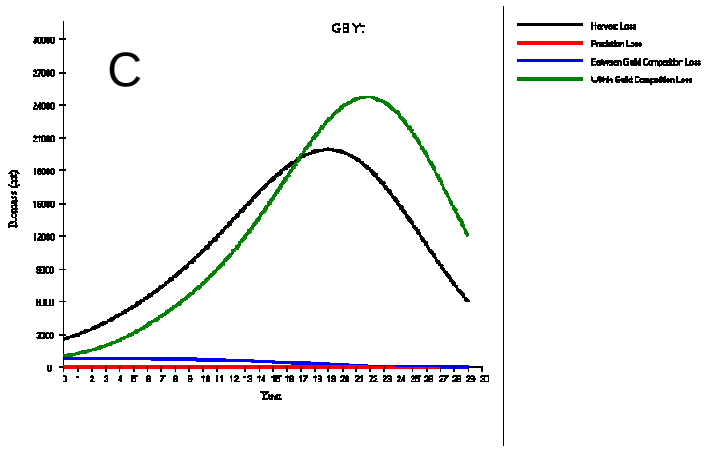
Fig. 36



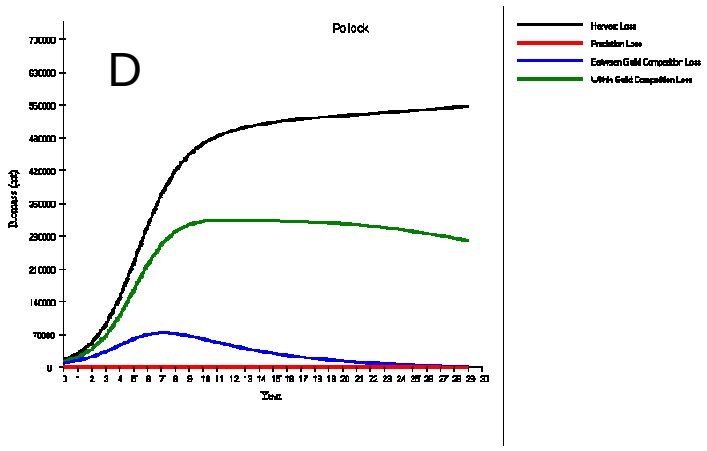
Harvest (0.3), Interactions – Losses of GB-Cod biomass



Harvest (0.3), Interactions – Losses of GB-Haddock biomass

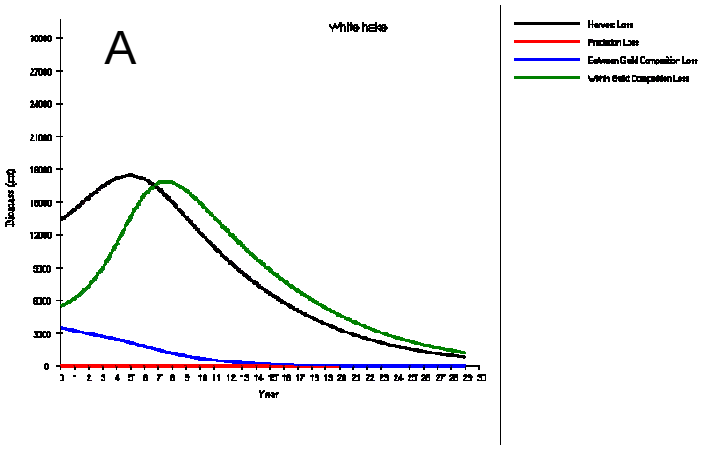


Harvest (0.3), Interactions – Losses of GB-Yt biomass

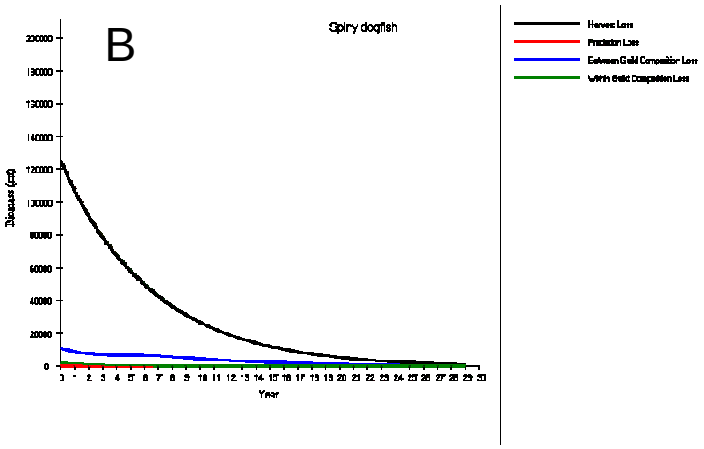


Harvest (0.3), Interactions – Losses of Pollock biomass

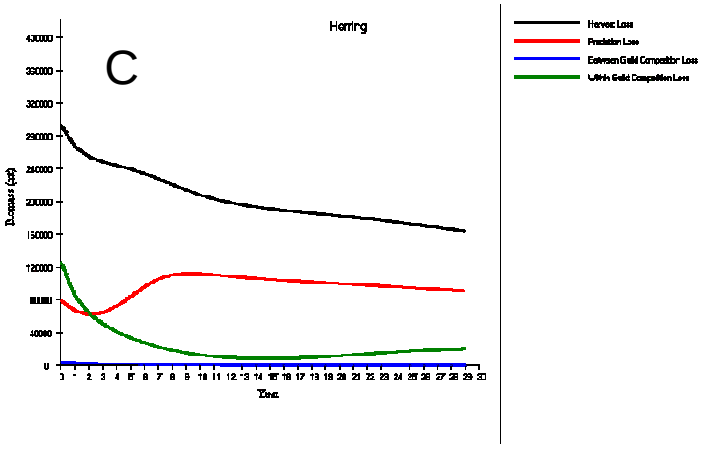
Fig. 37



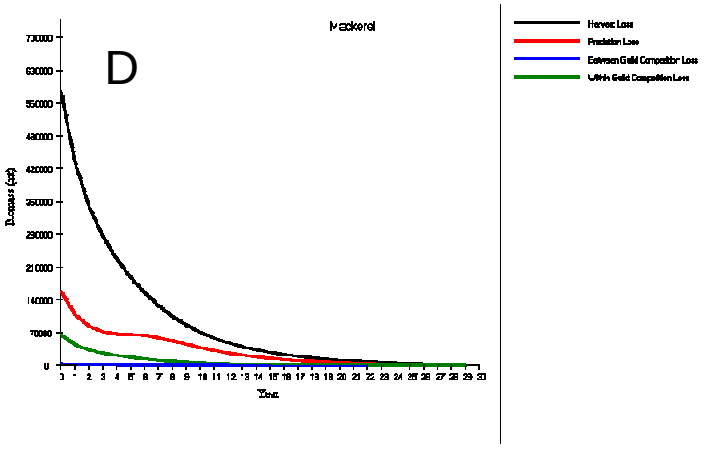
Harvest (0.3), Interactions – Losses of White hake biomass



Harvest (0.3), Interactions – Losses of Spiny dogfish biomass

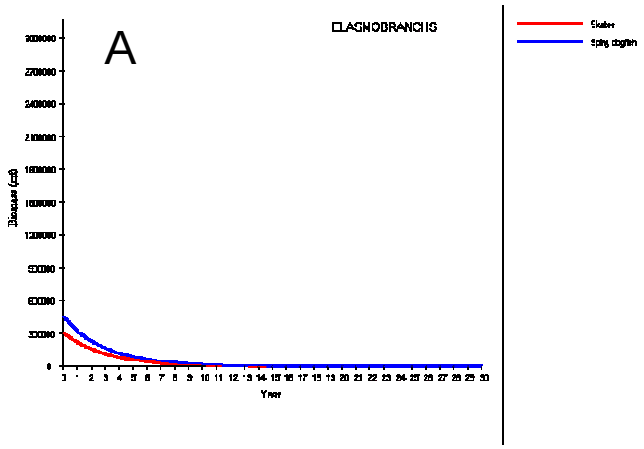


Harvest (0.3), Interactions – Losses of Herring biomass

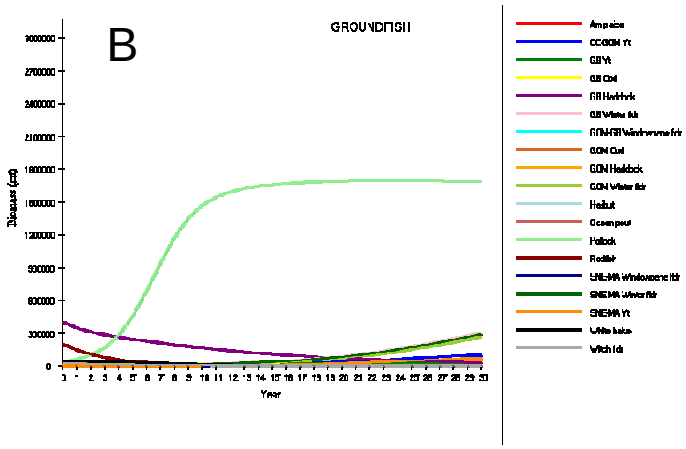


Harvest (0.3), Interactions – Losses of Mackerel biomass

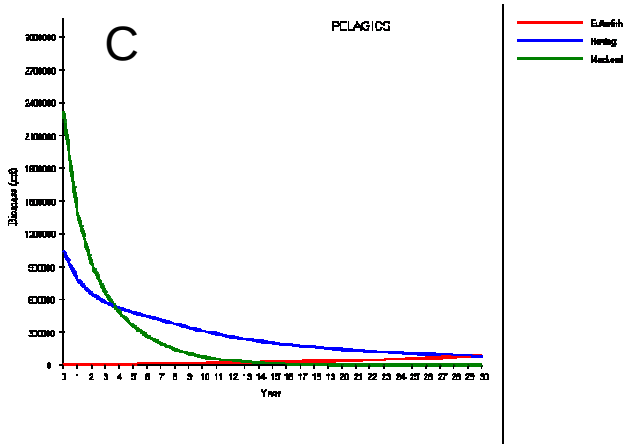
Fig. 38



Harvest (0.5), Interactions – Elasmobranch biomasses



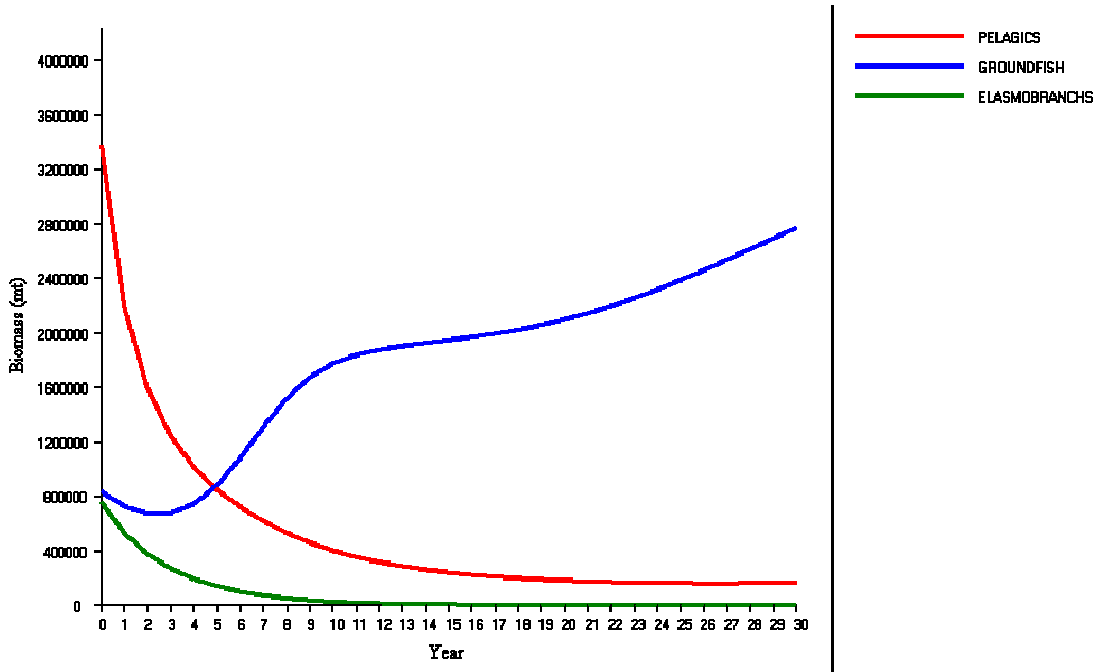
Harvest (0.5), Interactions – Groundfish biomasses



Harvest (0.5), Interactions – Pelagic biomasses

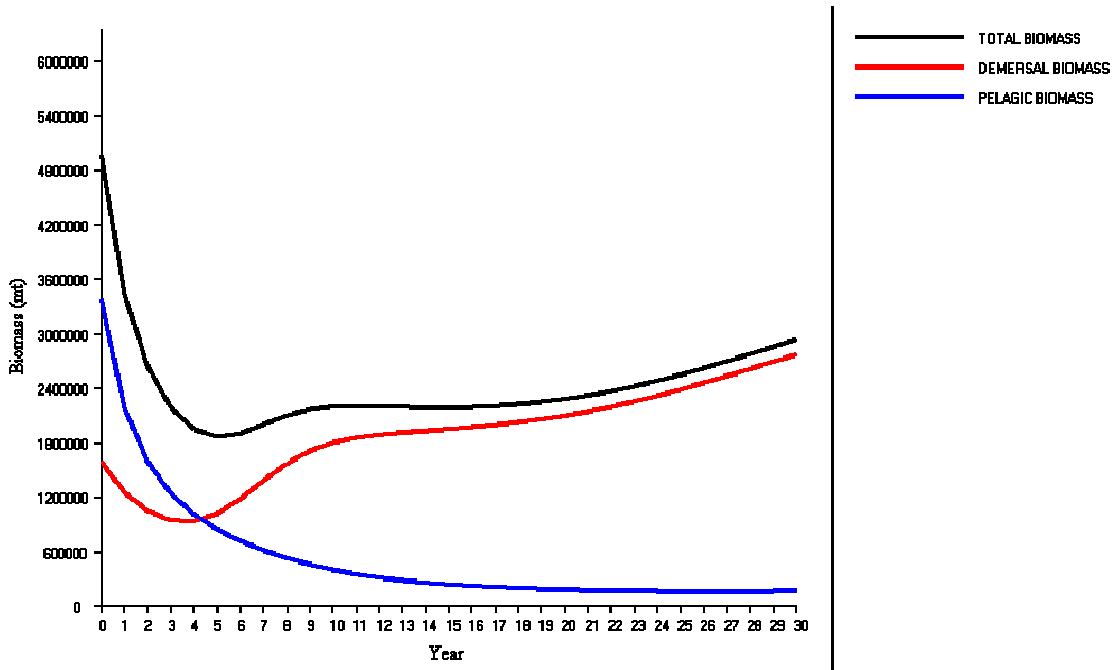
Fig. 39

A



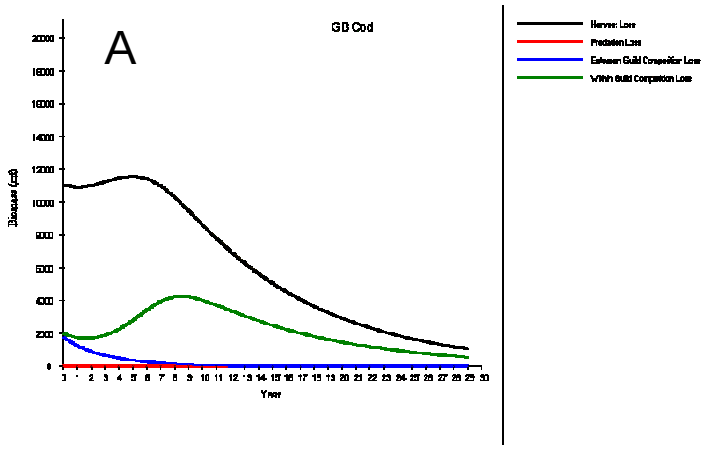
Harvest (0.5), Interactions – Guild biomass

B

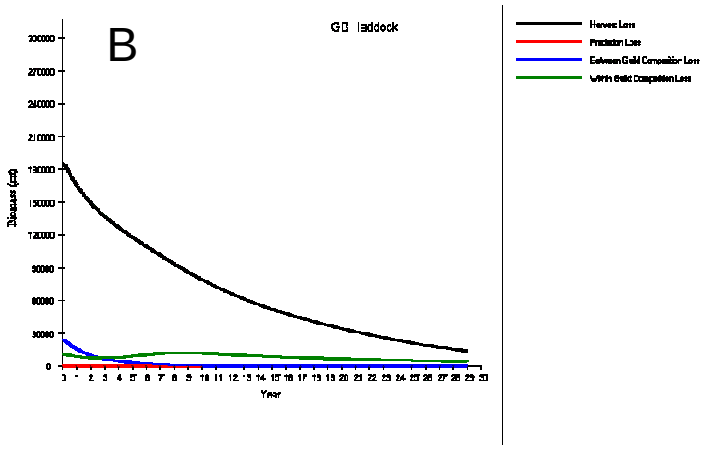


Harvest (0.5), Interactions – Demersal/Pelagic biomass

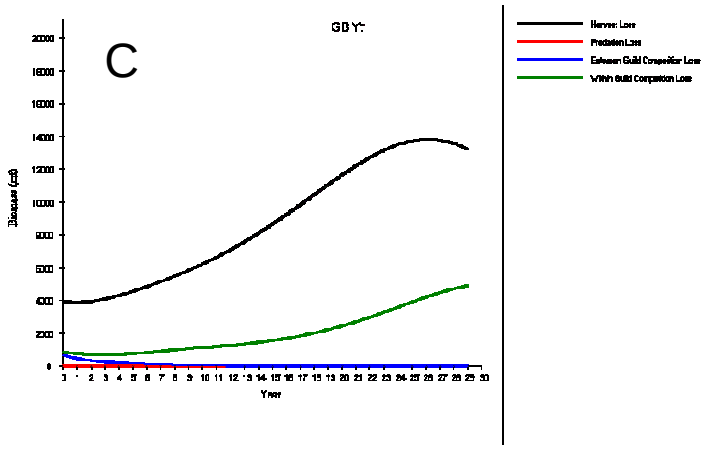
Fig. 40



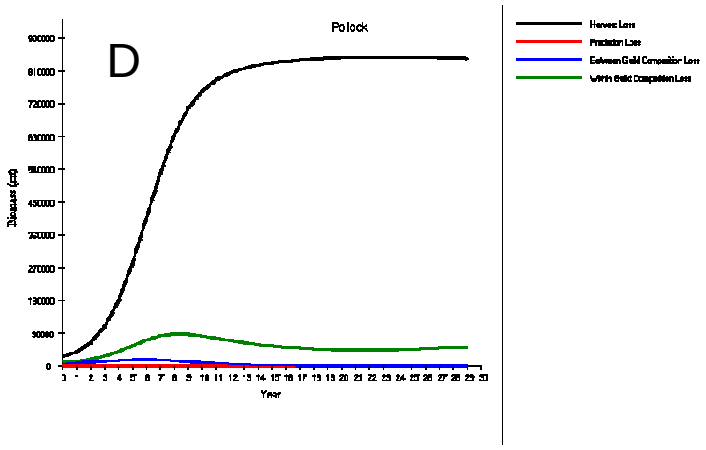
Harvest (0.5), Interactions – Losses of GB-Cod biomass



Harvest (0.5), Interactions – Losses of GB-Haddock biomass

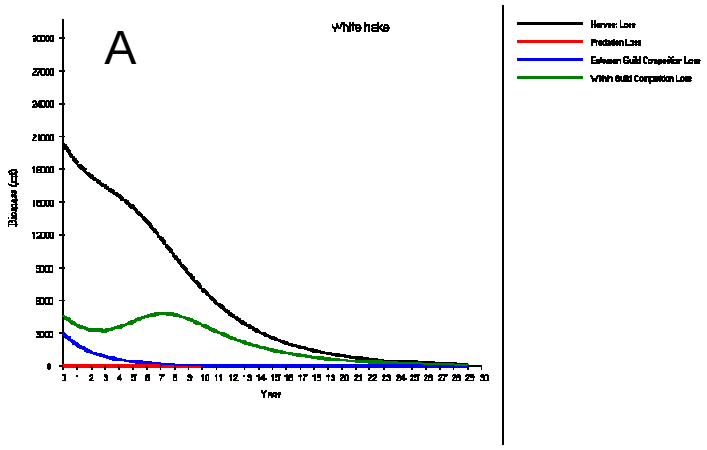


Harvest (0.5), Interactions – Losses of GB-Yt biomass

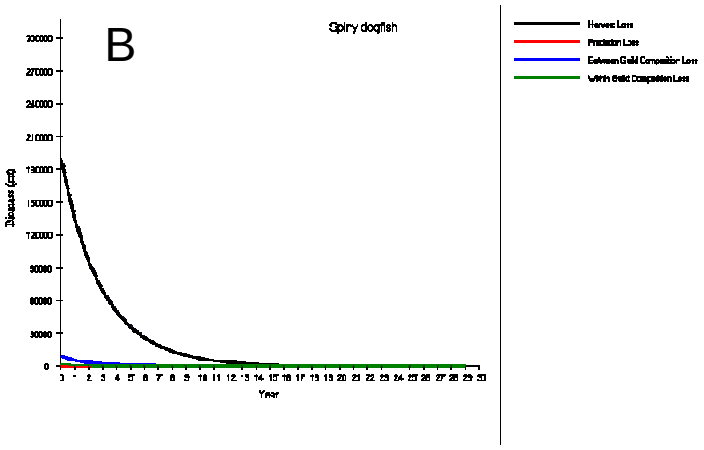


Harvest (0.5), Interactions – Losses of Pollock biomass

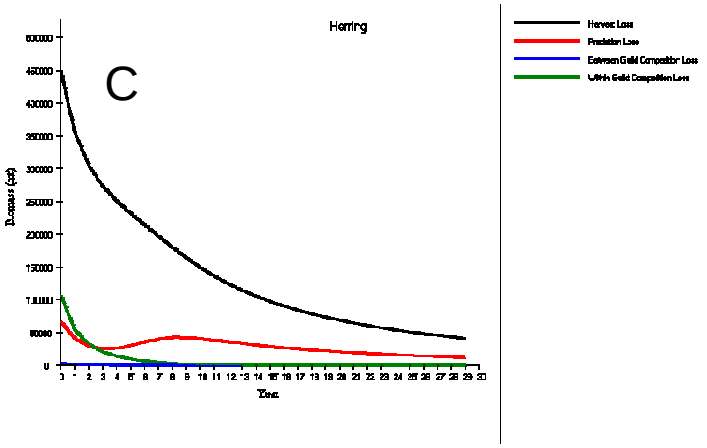
Fig. 41



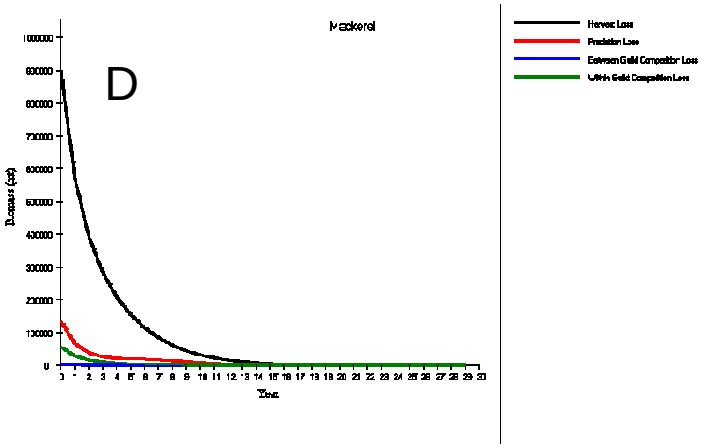
Harvest (0.5), Interactions – Losses of White hake biomass



Harvest (0.5), Interactions – Losses of Spiny dogfish biomass

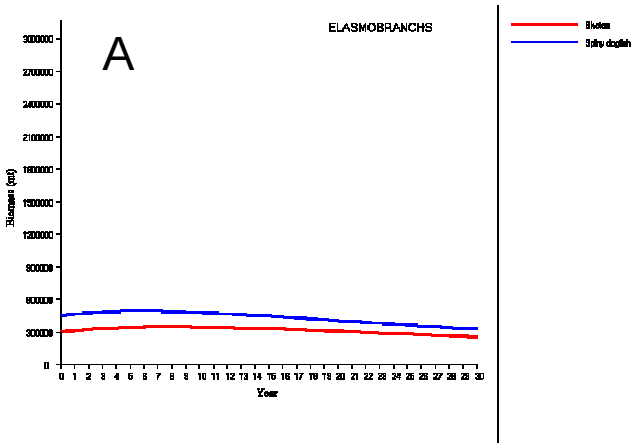


Harvest (0.5), Interactions – Losses of Herring biomass

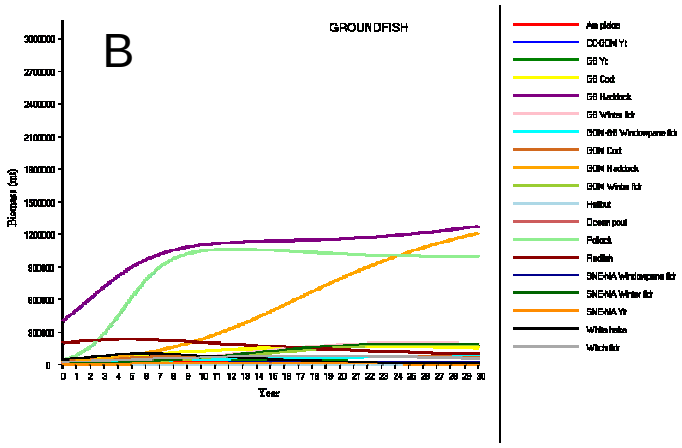


Harvest (0.5), Interactions – Losses of Mackerel biomass

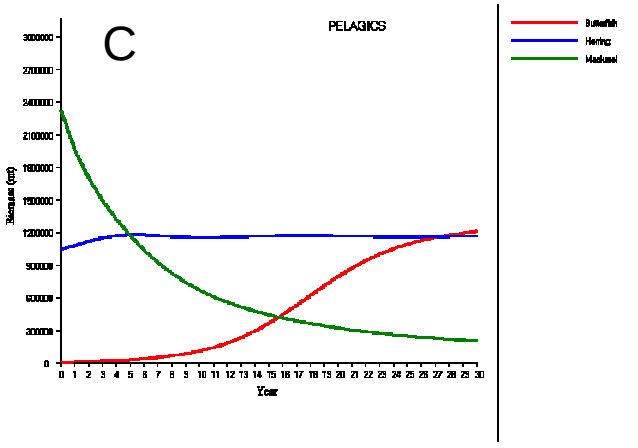
Fig. 42



Harvest (All, 0.1), Interactions – Elasmobranch biomasses



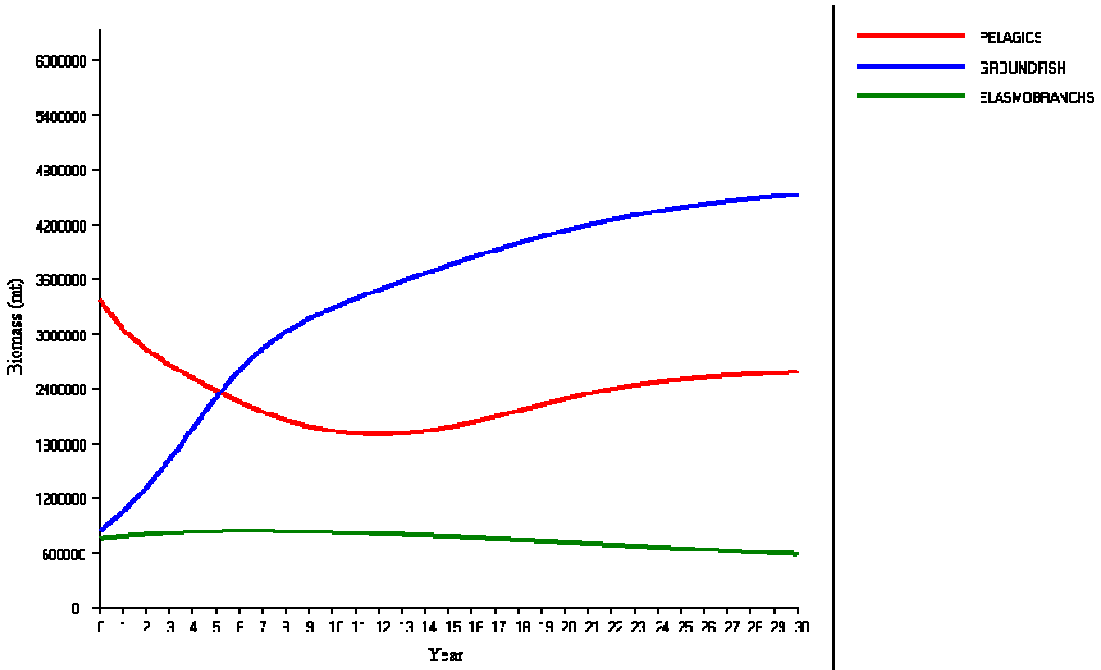
Harvest (All, 0.1), Interactions – Groundfish biomasses



Harvest (All, 0.1), Interactions – Pelagic biomasses

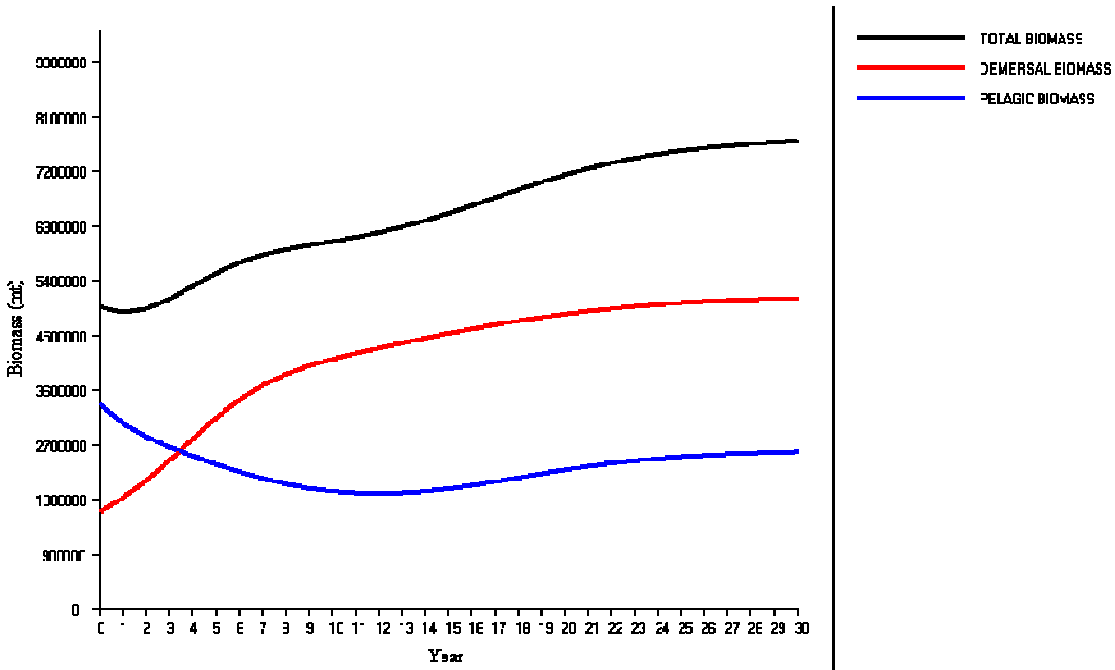
Fig. 43

A



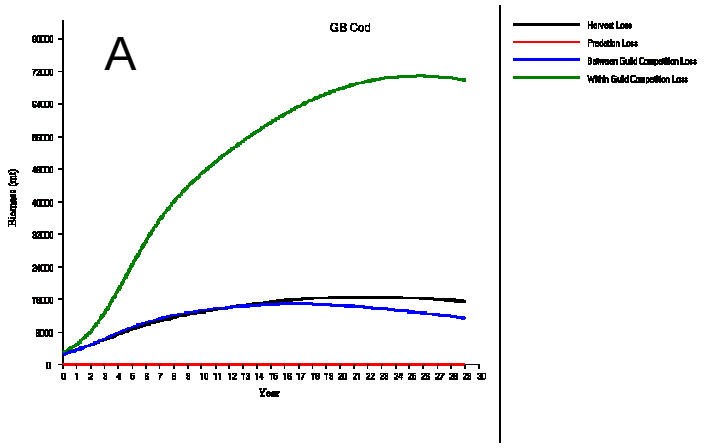
Harvest (All, 0.1), Interactions – Guild biomass

B

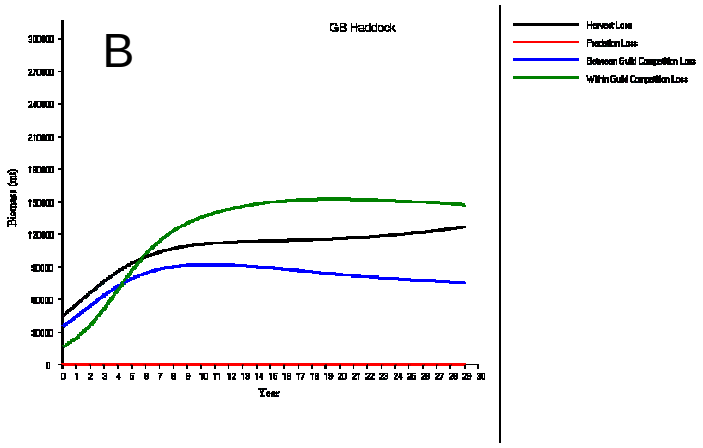


Harvest (All, 0.1), Interactions – Demersal/Pelagic biomass

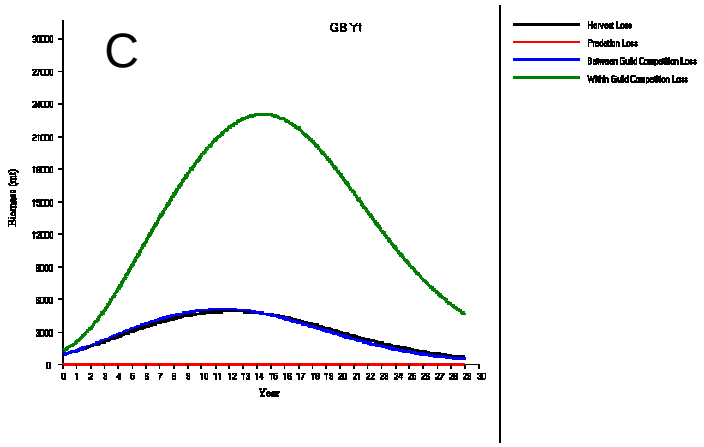
Fig. 44



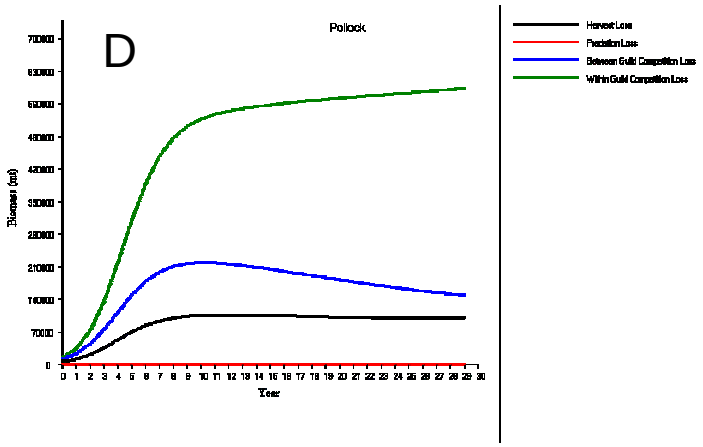
Harvest (All, 0.1), Interactions – Losses of GB-Cod biomass



Harvest (All, 0.1), Interactions – Losses of GB-Haddock biomass

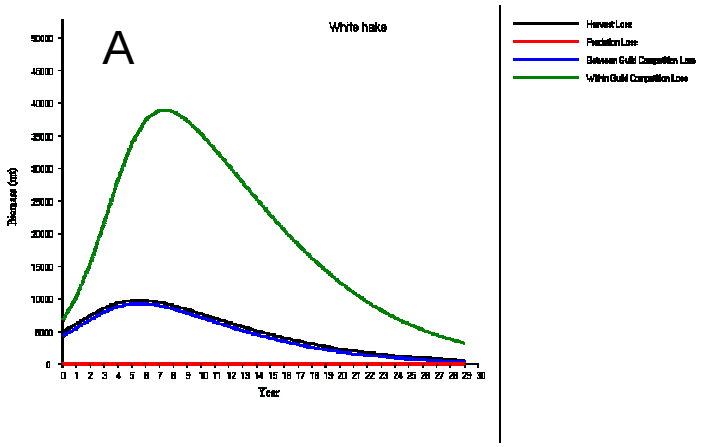


Harvest (All, 0.1), Interactions – Losses of GB-Yt biomass

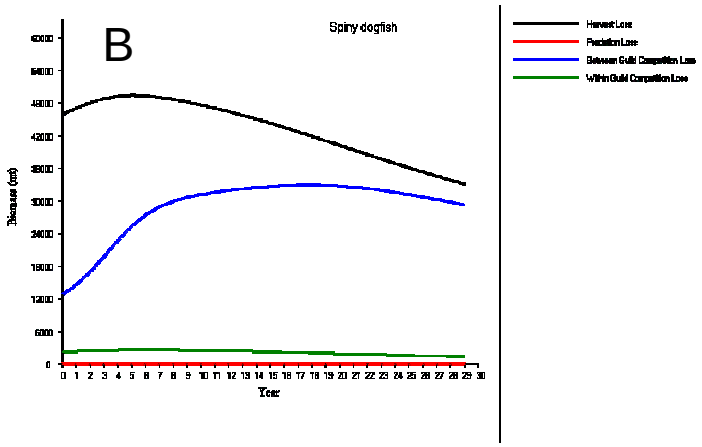


Harvest (All, 0.1), Interactions – Losses of Pollock biomass

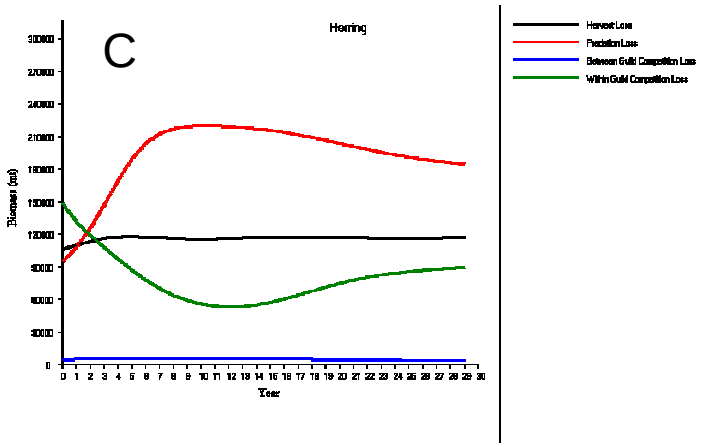
Fig. 45



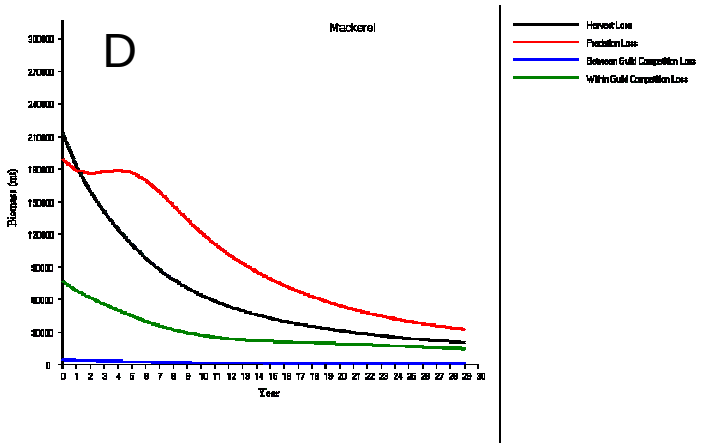
Harvest (All, 0.1), Interactions – Losses of White hake biomass



Harvest (All, 0.1), Interactions – Losses of Spiny dogfish biomass

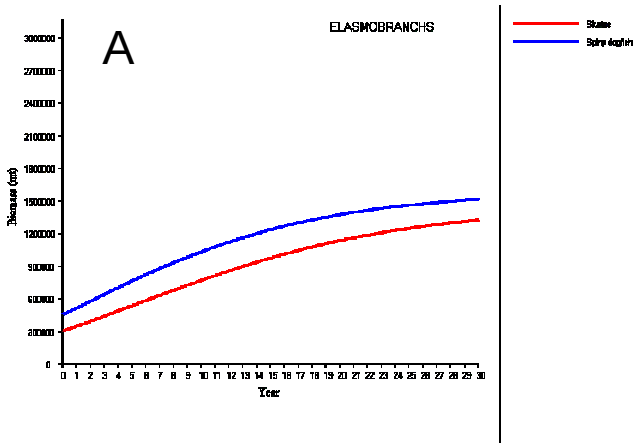


Harvest (All, 0.1), Interactions – Losses of Herring biomass

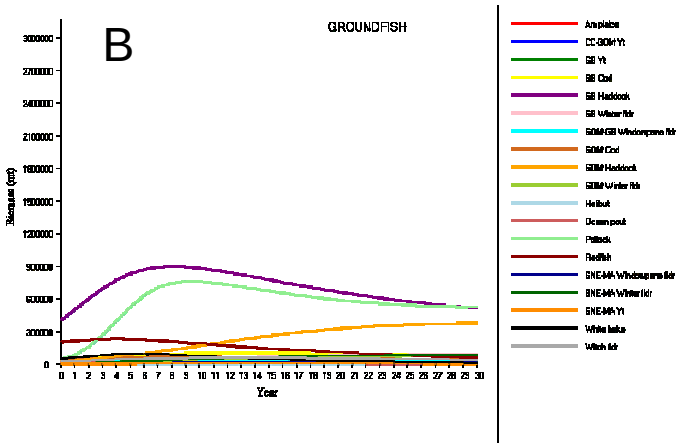


Harvest (All, 0.1), Interactions – Losses of Mackerel biomass

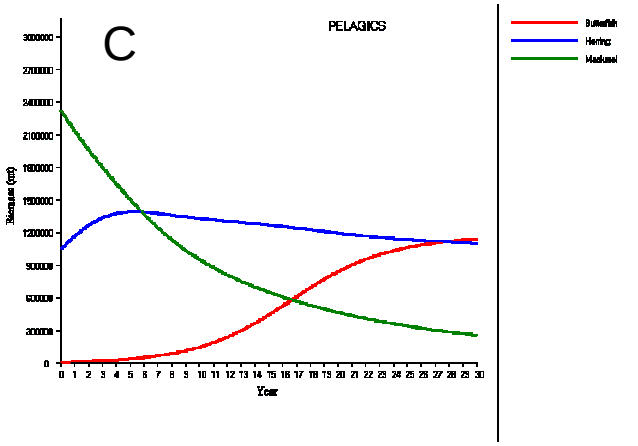
Fig. 46



Harvest (GF), Interactions – Elasmobranch biomasses



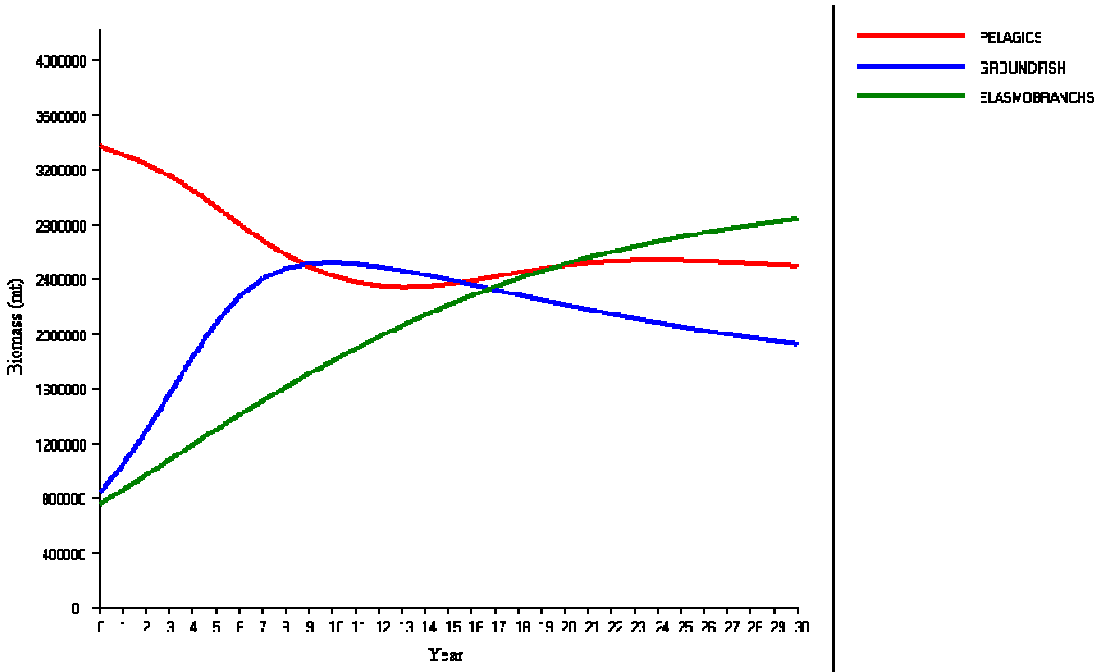
Harvest (GF), Interactions – Groundfish biomasses



Harvest (GF), Interactions – Pelagic biomasses

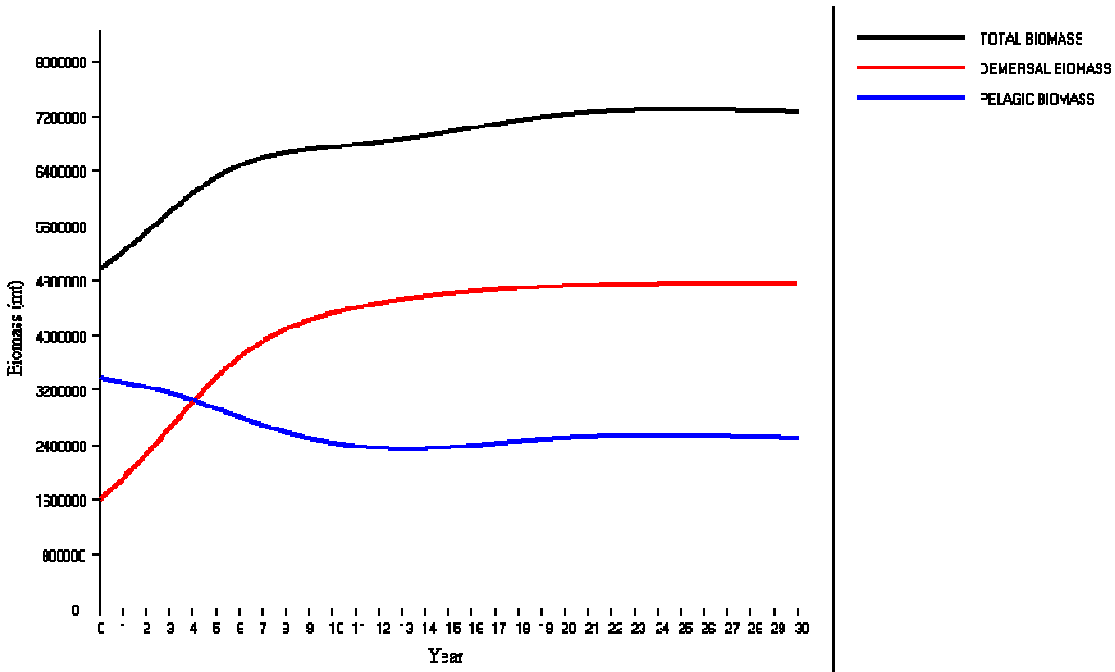
Fig. 47

A



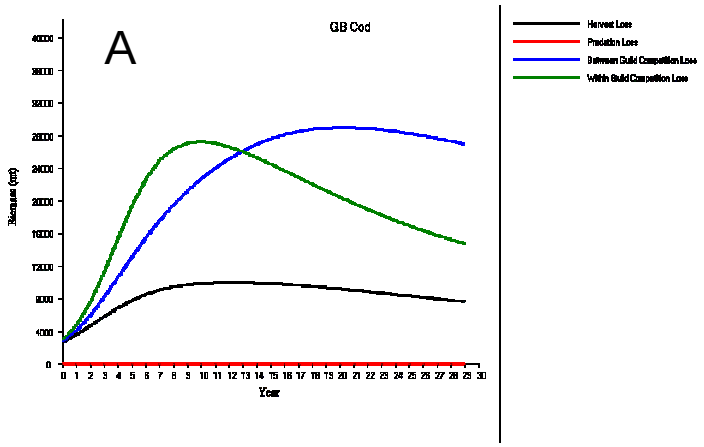
Harvest (GF), Interactions – Guild biomass

B

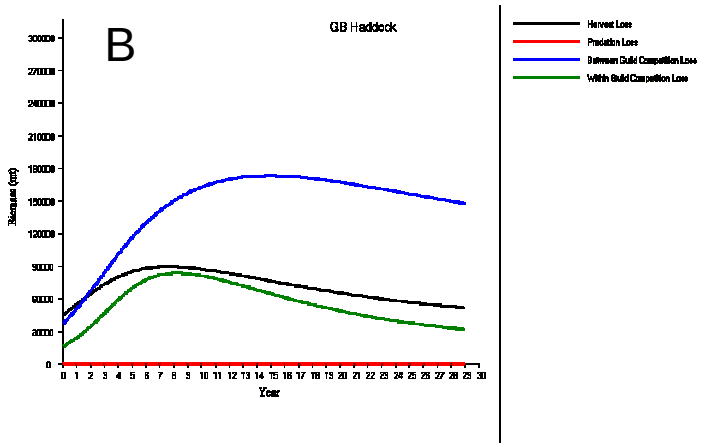


Harvest (GF), Interactions – Demersal/Pelagic biomass

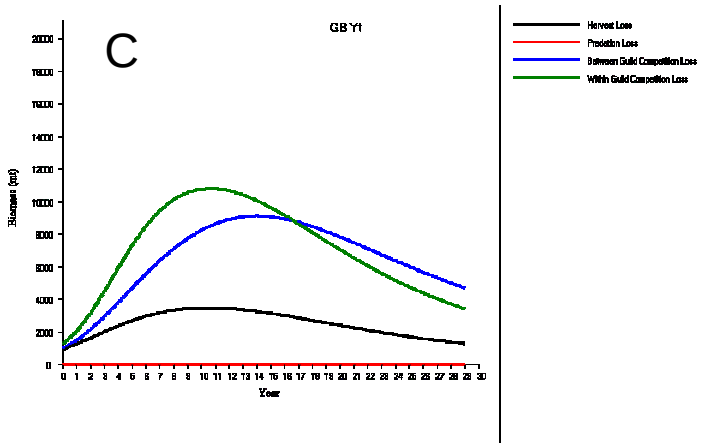
Fig. 48



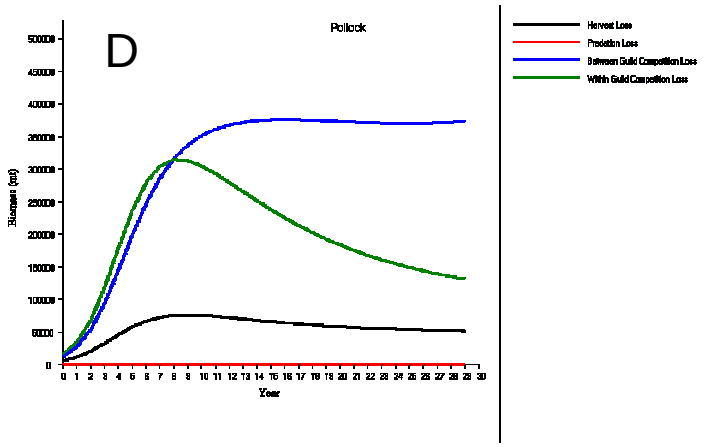
Harvest (GF), Interactions – Losses of GB-Cod biomass



Harvest (GF), Interactions – Losses of GB-Haddock biomass

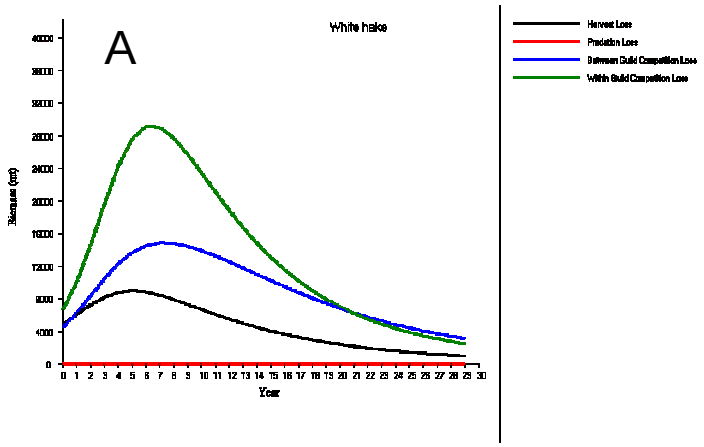


Harvest (GF), Interactions – Losses of GB-Yt biomass

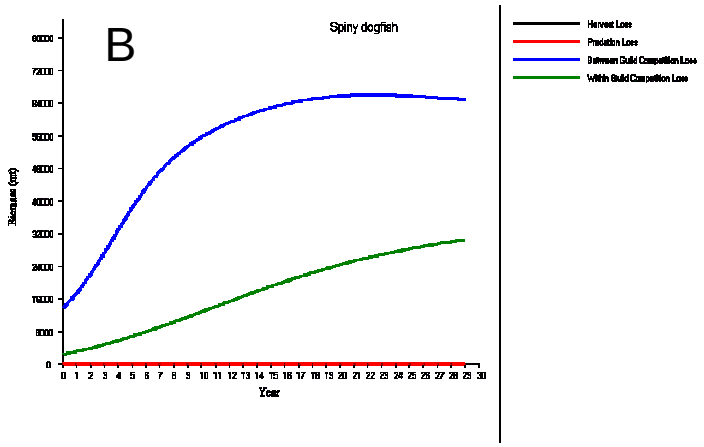


Harvest (GF), Interactions – Losses of Pollock biomass

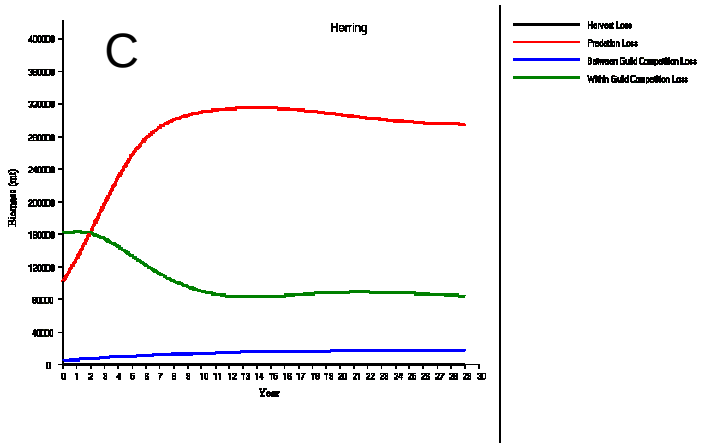
Fig. 49



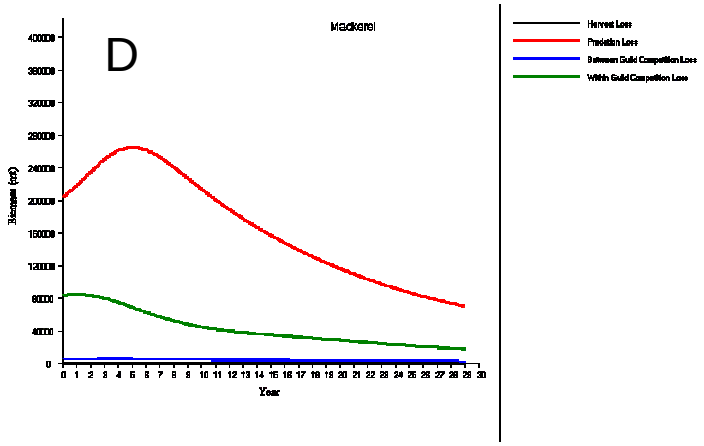
Harvest (GF), Interactions – Losses of White hake biomass



Harvest (GF), Interactions – Losses of Spiny dogfish biomass

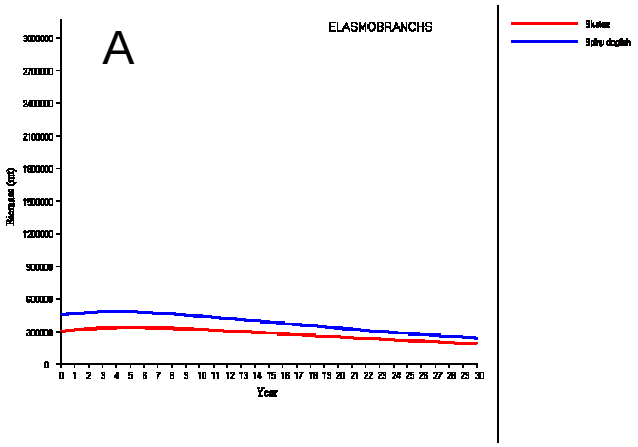


Harvest (GF), Interactions – Losses of Herring biomass

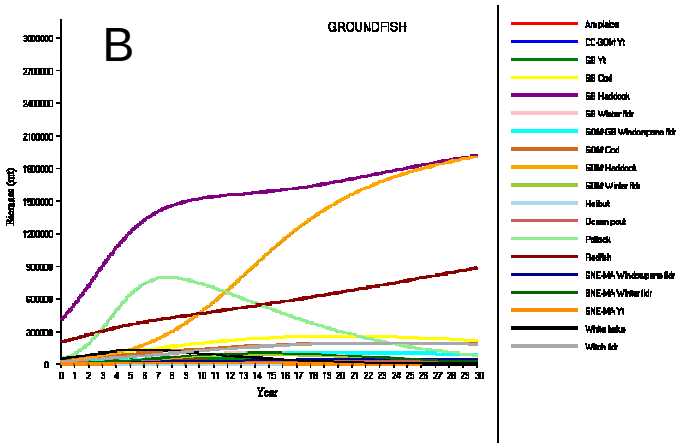


Harvest (GF), Interactions – Losses of Mackerel biomass

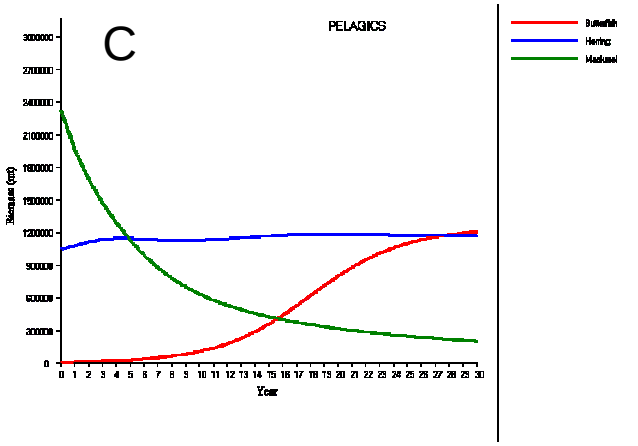
Fig. 50



Harvest (EL,PEL), Interactions – Elasmobranch biomasses



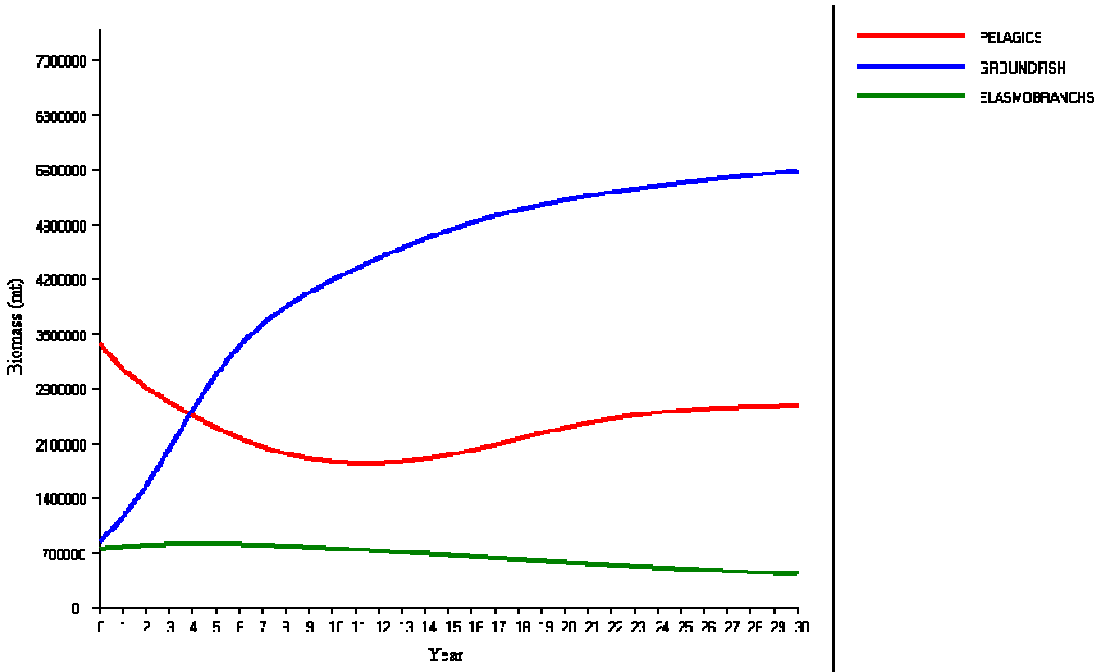
Harvest (EL,PEL), Interactions – Groundfish biomasses



Harvest (EL,PEL), Interactions – Pelagic biomasses

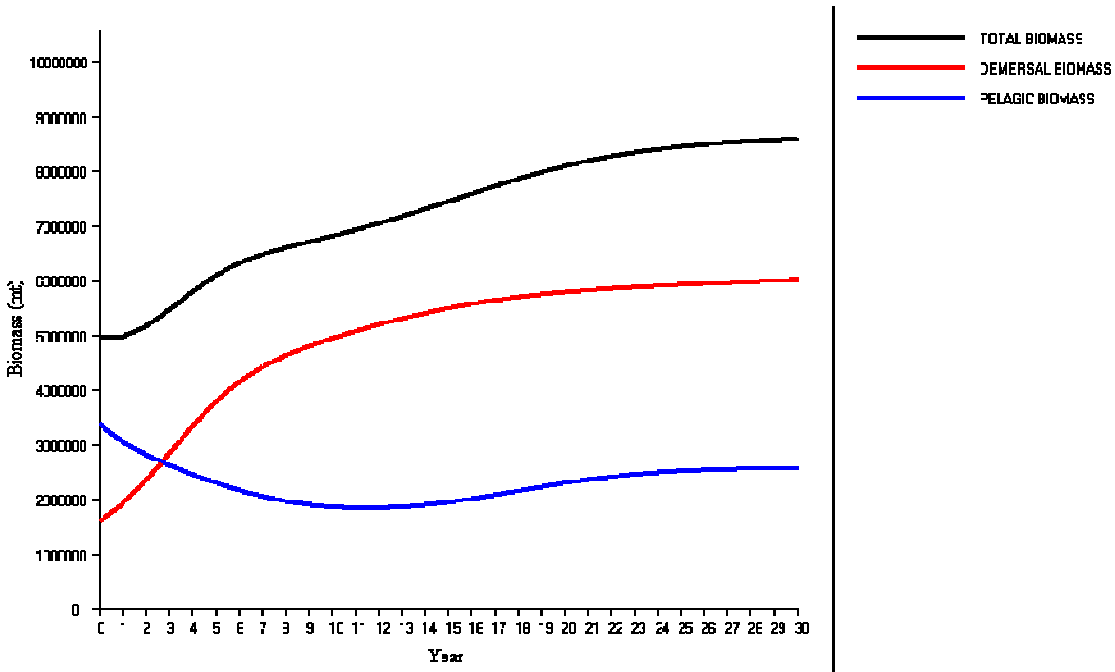
Fig. 51

A



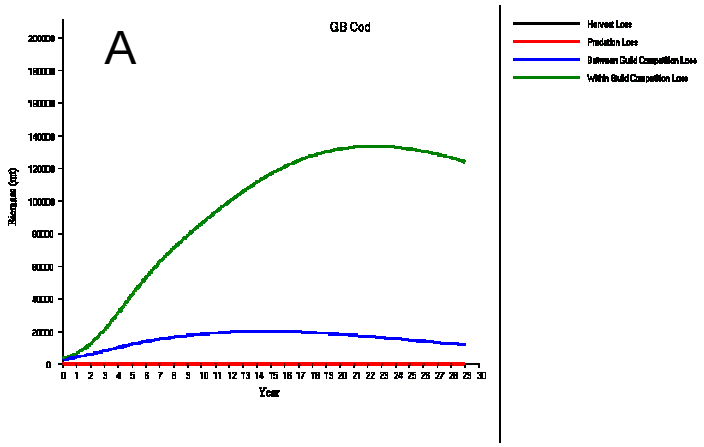
Harvest (EL,PEL), Interactions – Guild biomass

B

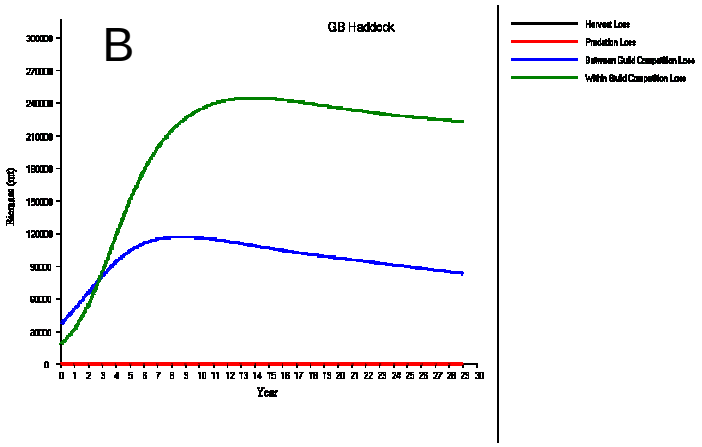


Harvest (EL,PEL), Interactions – Demersal/Pelagic biomass

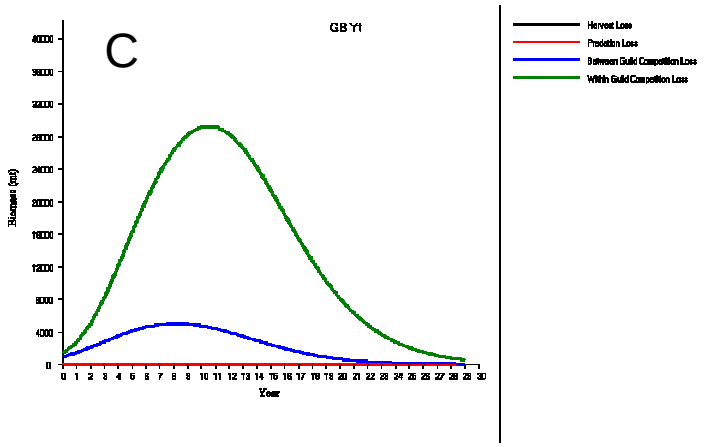
Fig. 52



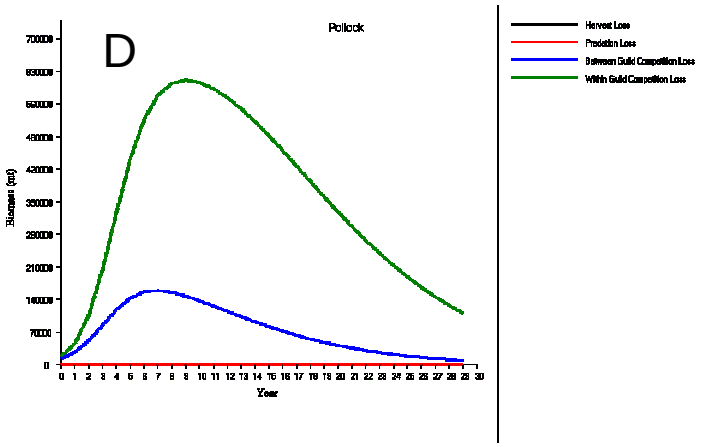
Harvest (EL,PEL), Interactions – Losses of GB-Cod biomass



Harvest (EL,PEL), Interactions – Losses of GB-Haddock biomass

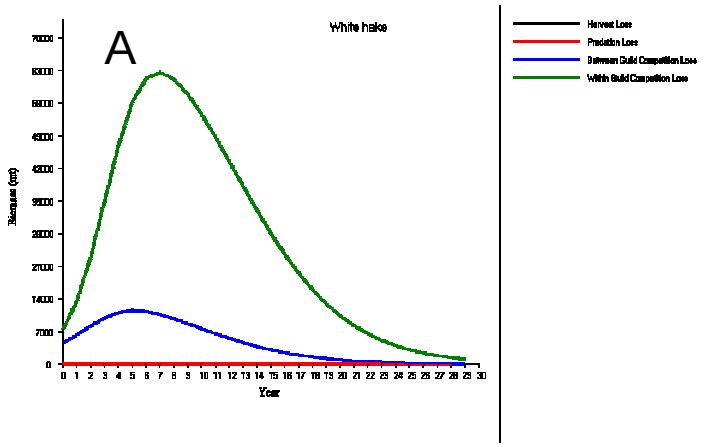


Harvest (EL,PEL), Interactions – Losses of GB-Yt biomass

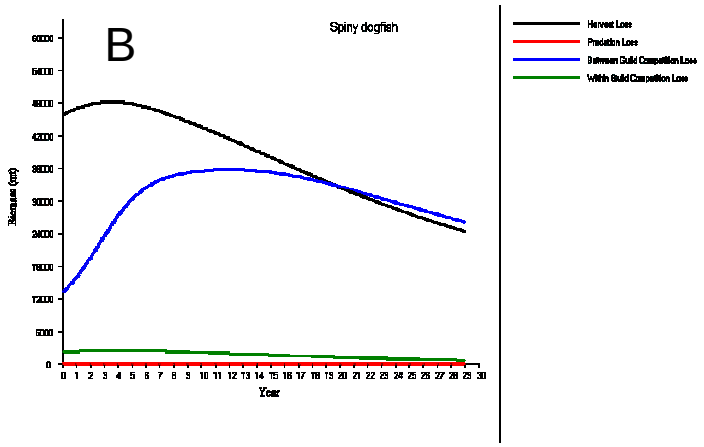


Harvest (EL,PEL), Interactions – Losses of Pollock biomass

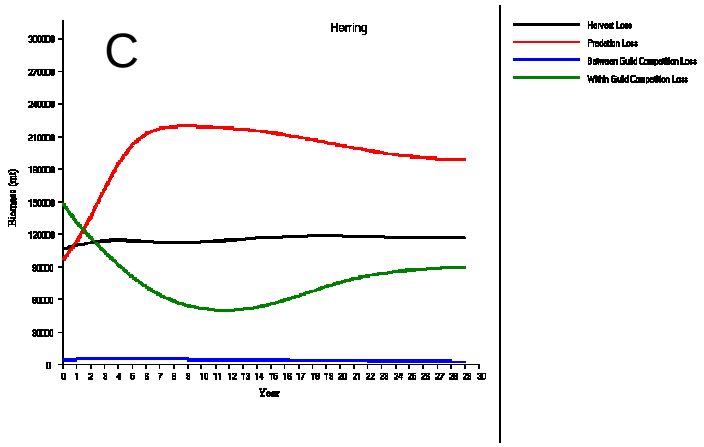
Fig. 53



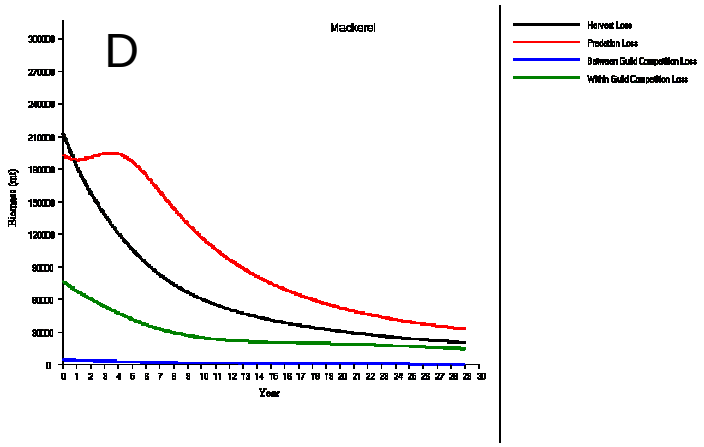
Harvest (EL,PEL), Interactions – Losses of White hake biomass



Harvest (EL,PEL), Interactions – Losses of Spiny dogfish biomass

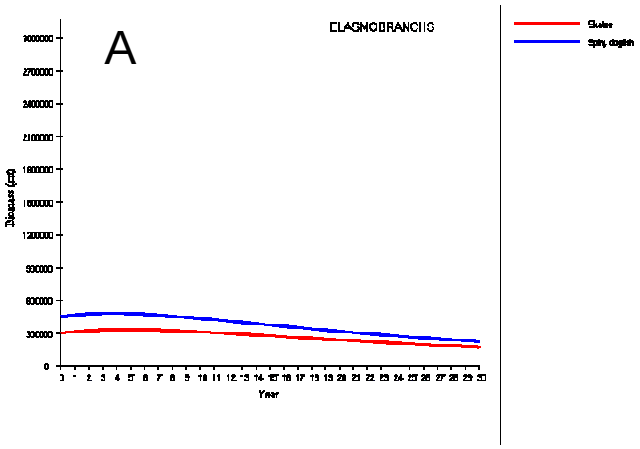


Harvest (EL,PEL), Interactions – Losses of Herring biomass

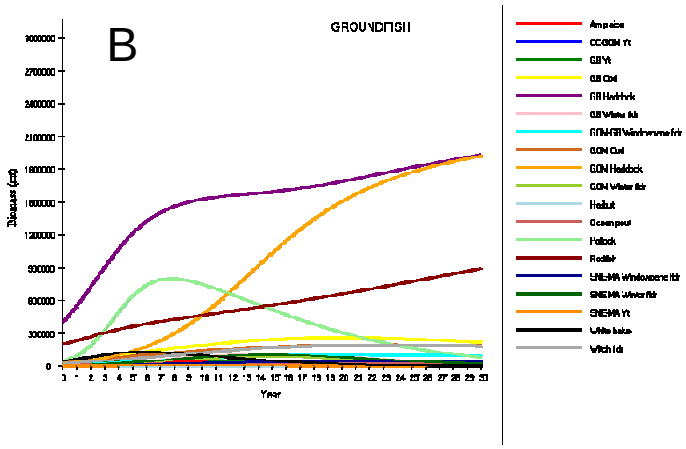


Harvest (EL,PEL), Interactions – Losses of Mackerel biomass

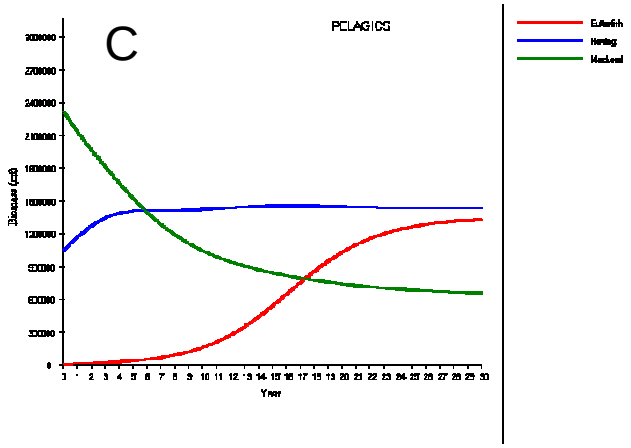
Fig. 54



Harvest (EL), Interactions – Elasmobranch biomasses



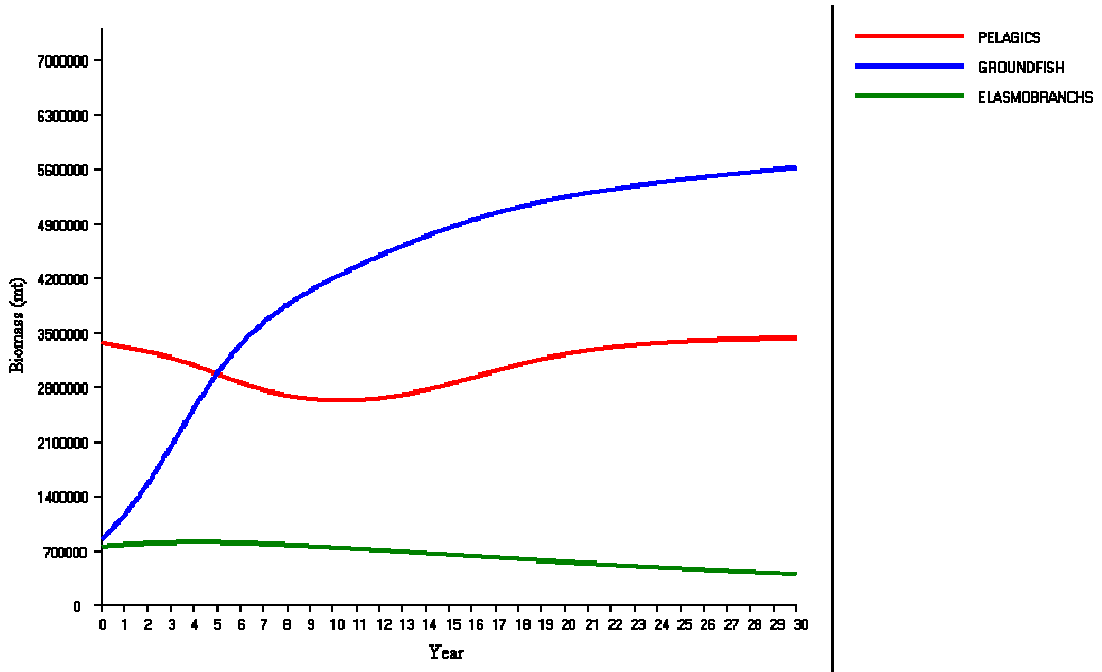
Harvest (EL), Interactions – Groundfish biomasses



Harvest (EL), Interactions – Pelagic biomasses

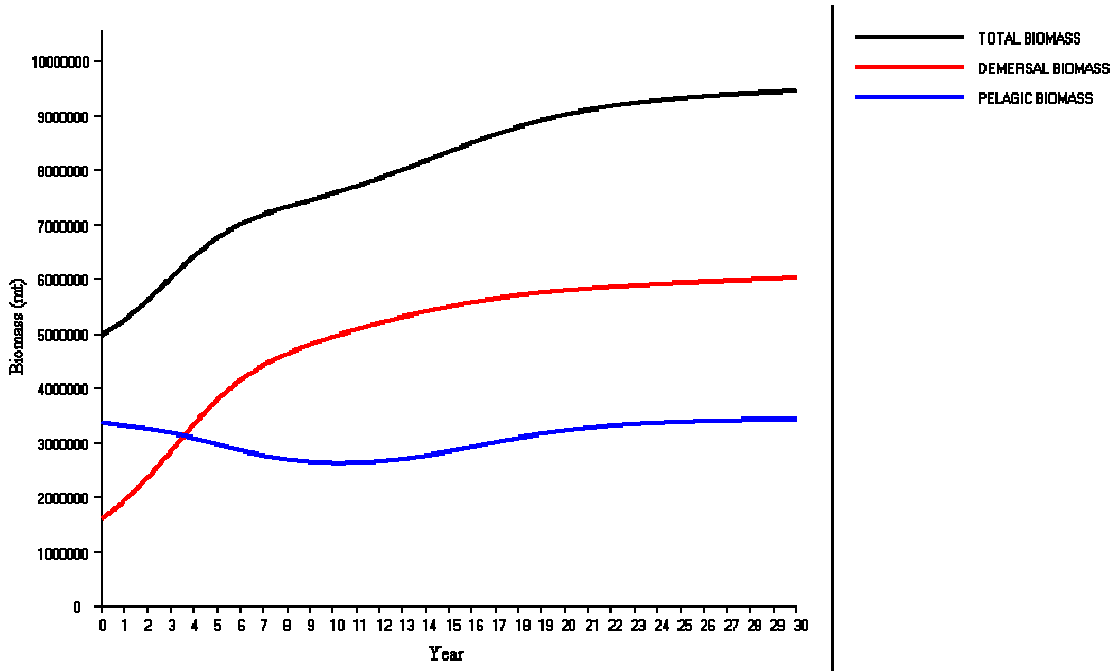
Fig. 55

A



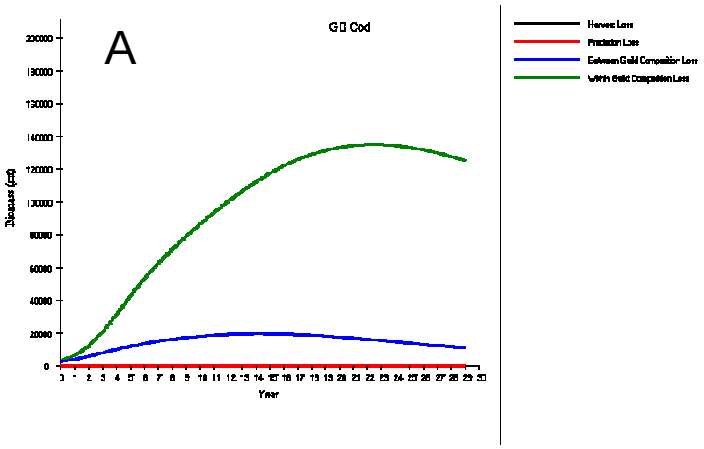
Harvest (EL), Interactions – Guild biomass

B

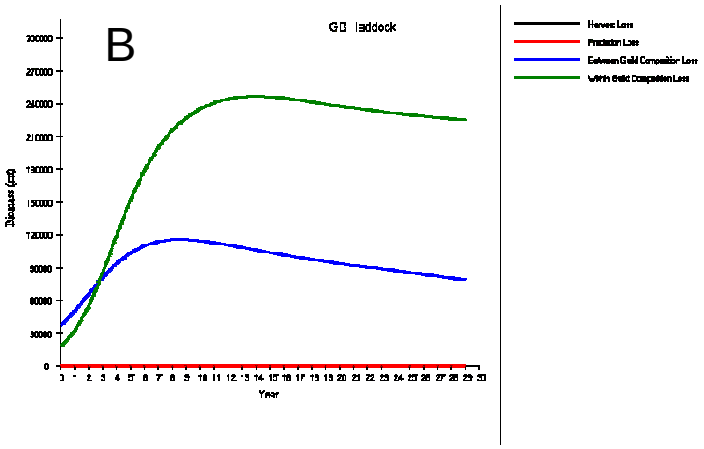


Harvest (EL), Interactions – Demersal/Pelagic biomass

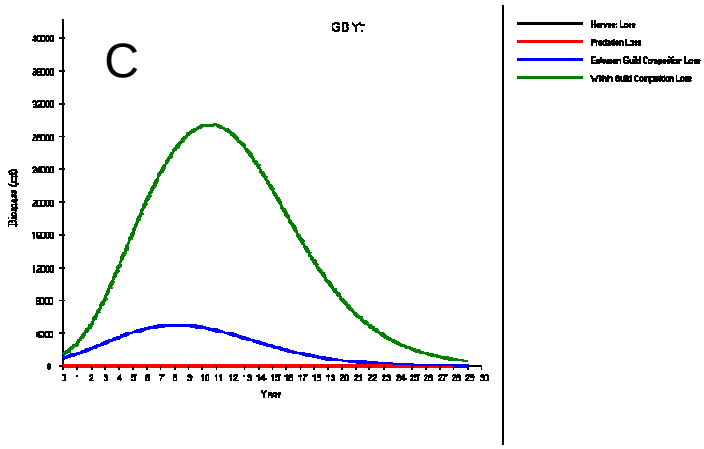
Fig. 56



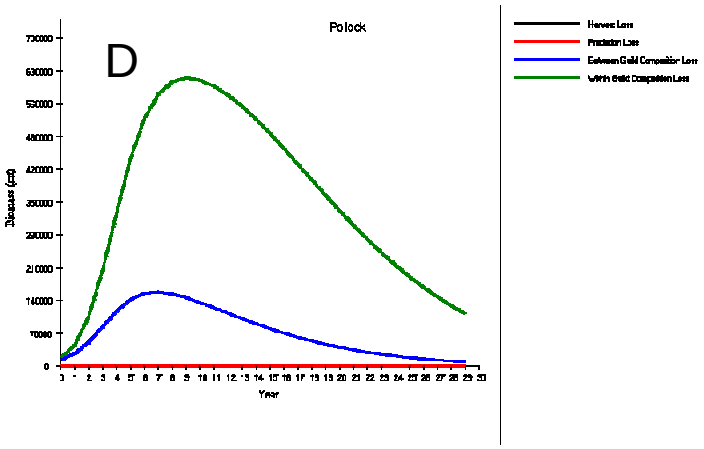
Harvest (EL), Interactions – Losses of GB-Cod biomass



Harvest (EL), Interactions – Losses of GB-Haddock biomass

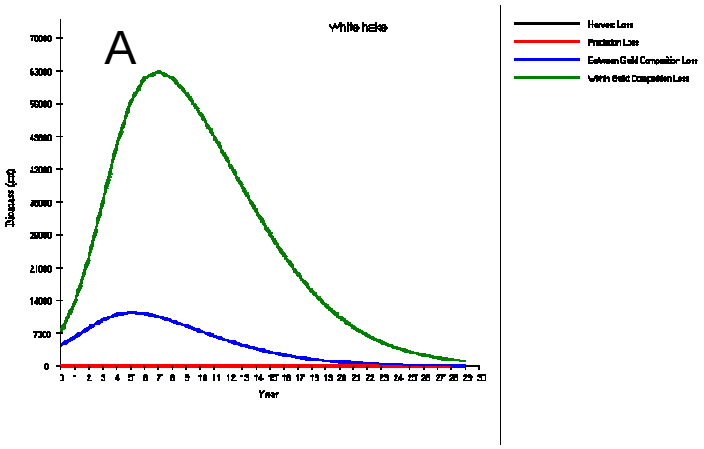


Harvest (EL), Interactions – Losses of GB-Yt biomass

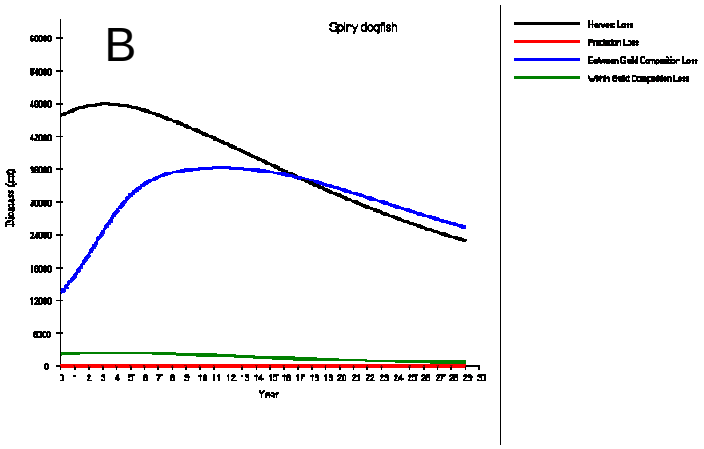


Harvest (EL), Interactions – Losses of Pollock biomass

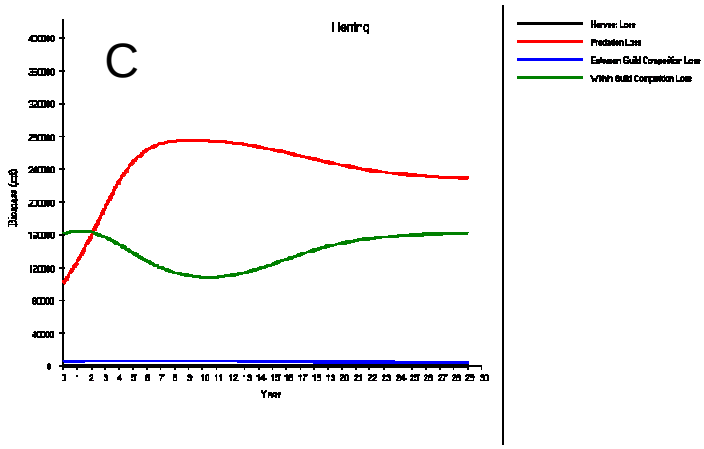
Fig. 57



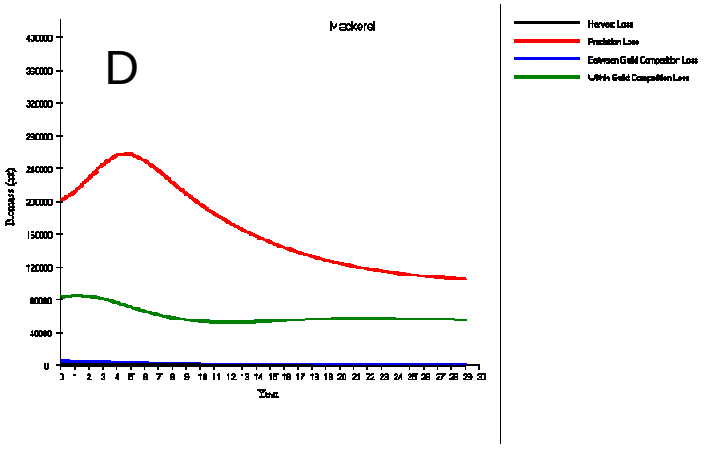
Harvest (EL), Interactions – Losses of White hake biomass



Harvest (EL), Interactions – Losses of Spiny dogfish biomass

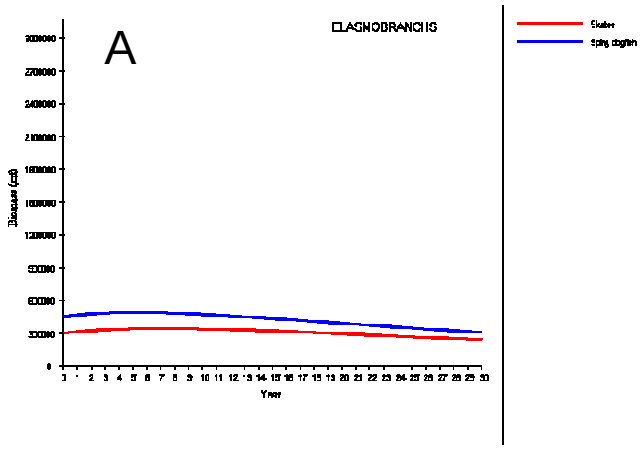


Harvest (EL), Interactions – Losses of Herring biomass

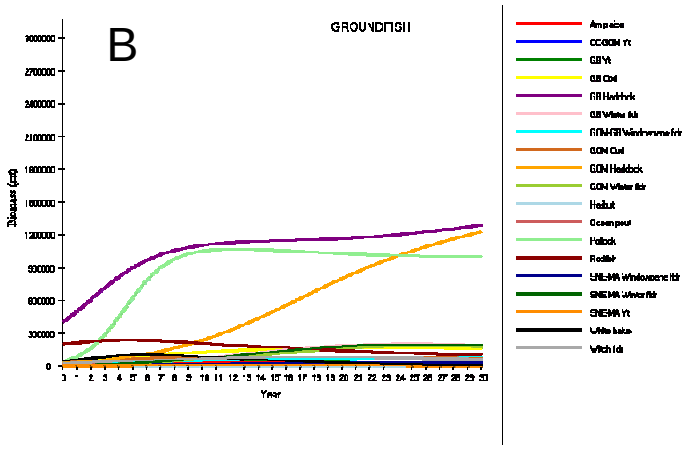


Harvest (EL), Interactions – Losses of Mackerel biomass

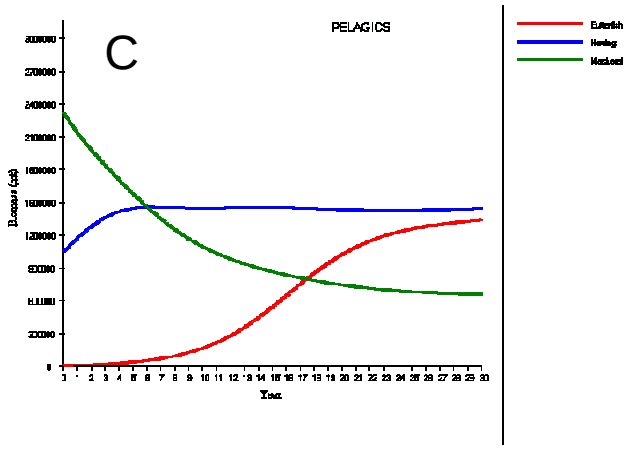
Fig. 58



Harvest (GF,EL), Interactions – Elasmobranch biomasses



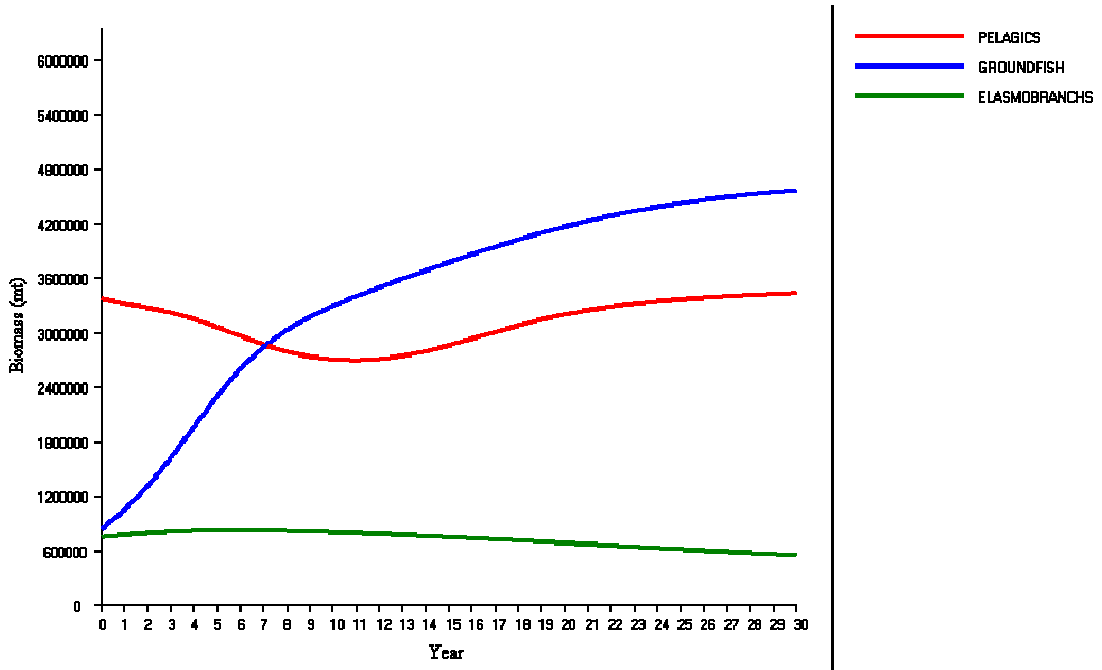
Harvest (GF,EL), Interactions – Groundfish biomasses



Harvest (GF,EL), Interactions – Pelagic biomasses

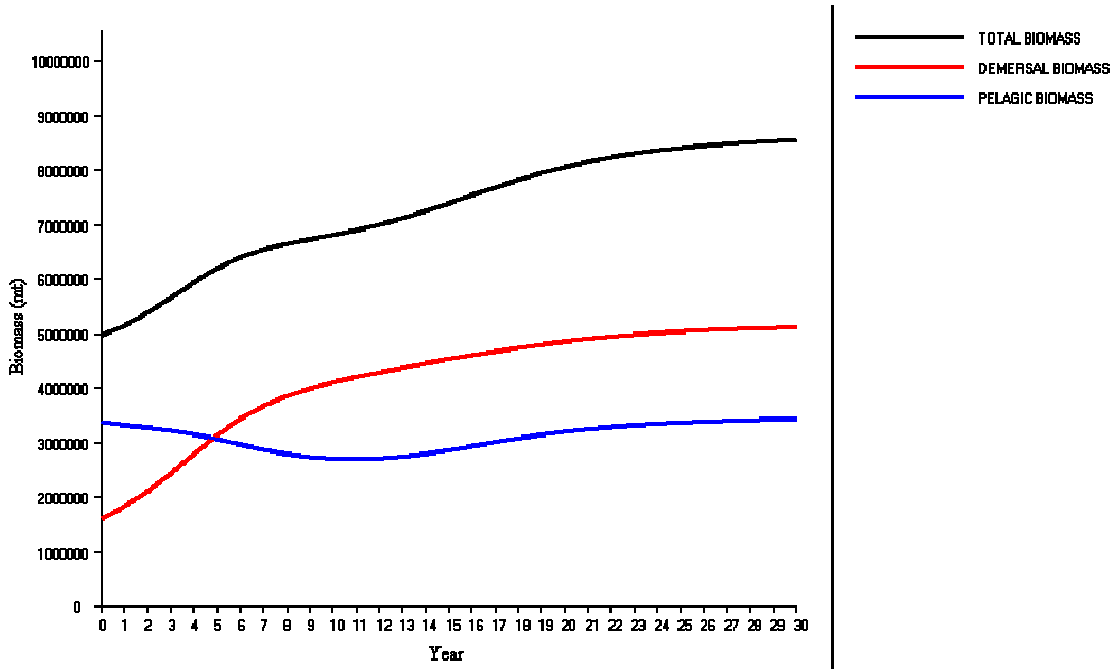
Fig. 59

A



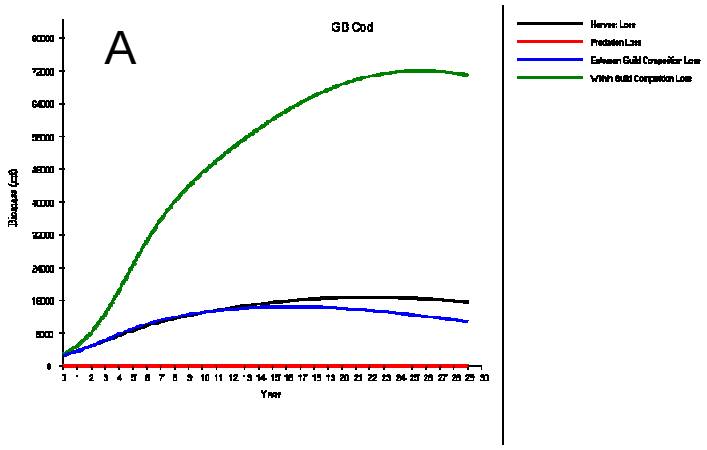
Harvest (GF,EL), Interactions – Guild biomass

B

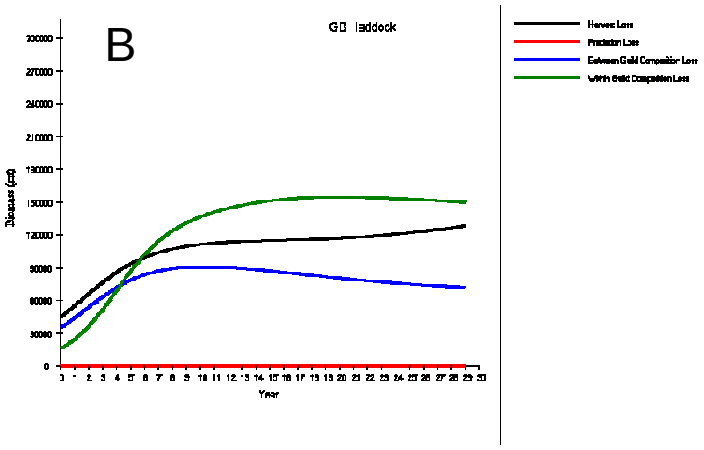


Harvest (GF,EL), Interactions – Demersal/Pelagic biomass

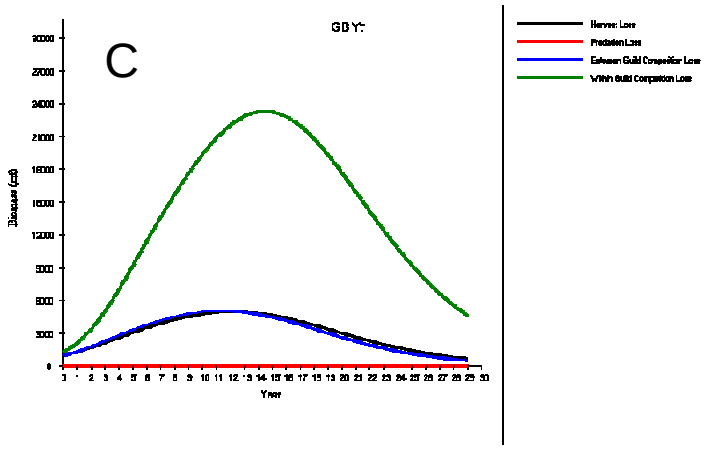
Fig. 60



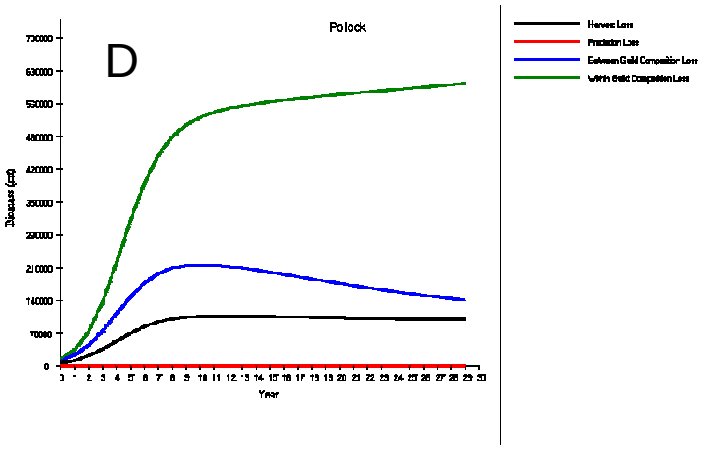
Harvest (GF,EL), Interactions – Losses of GB-Cod biomass



Harvest (GF,EL), Interactions – Losses of GB-Haddock biomass

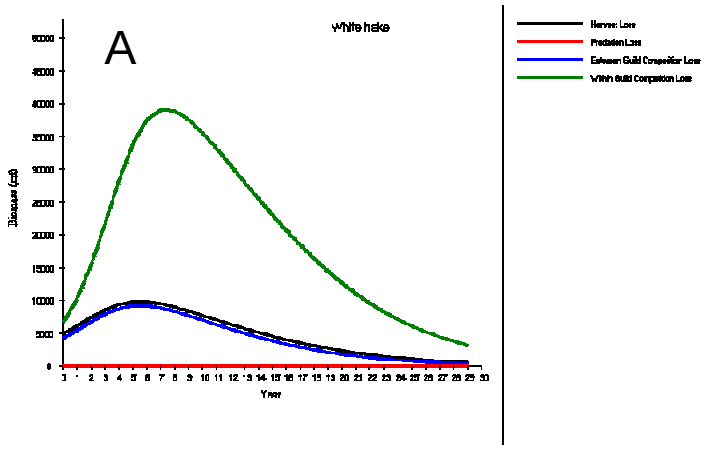


Harvest (GF,EL), Interactions – Losses of GB-Yt biomass

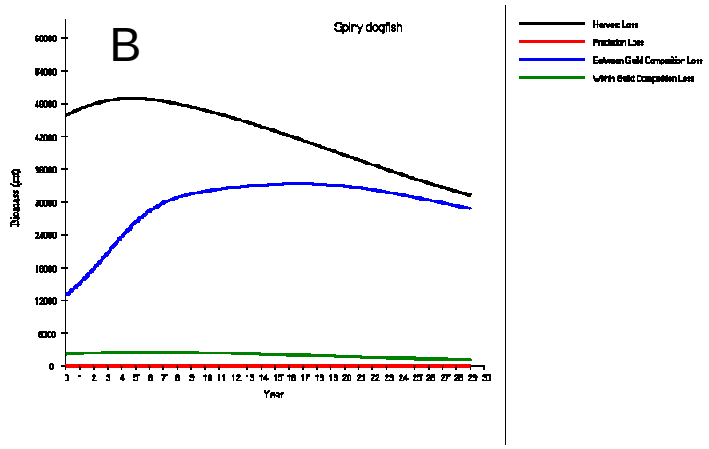


Harvest (GF,EL), Interactions – Losses of Pollock biomass

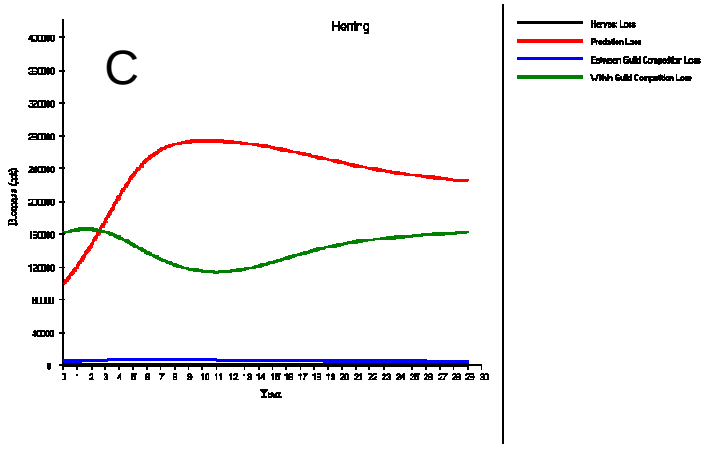
Fig. 61



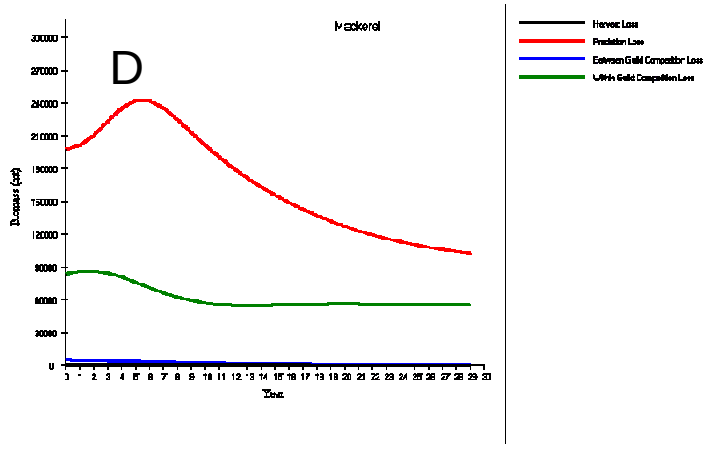
Harvest (GF,EL), Interactions – Losses of White hake biomass



Harvest (GF,EL), Interactions – Losses of Spiny dogfish biomass

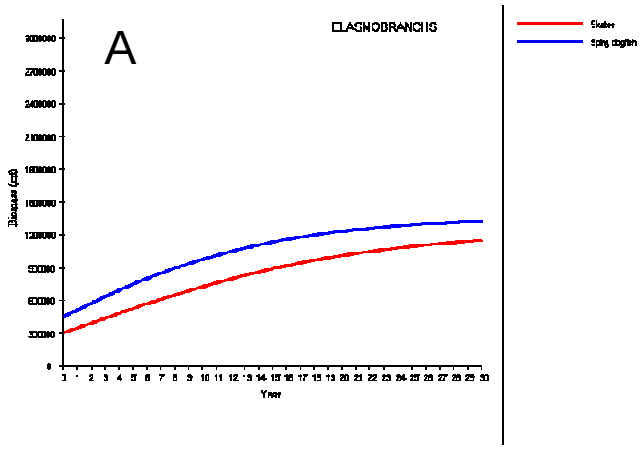


Harvest (GF,EL), Interactions – Losses of Herring biomass

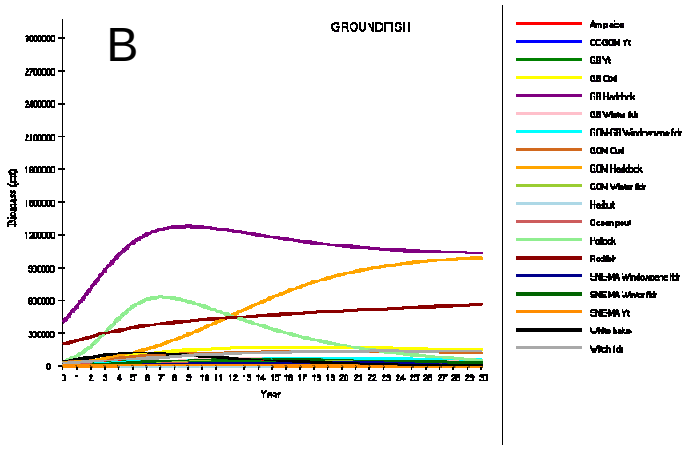


Harvest (GF,EL), Interactions – Losses of Mackerel biomass

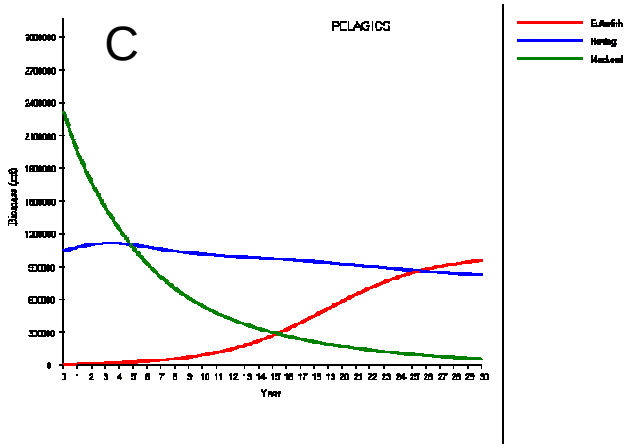
Fig. 62



Harvest (PEL), Interactions – Elasmobranch biomasses



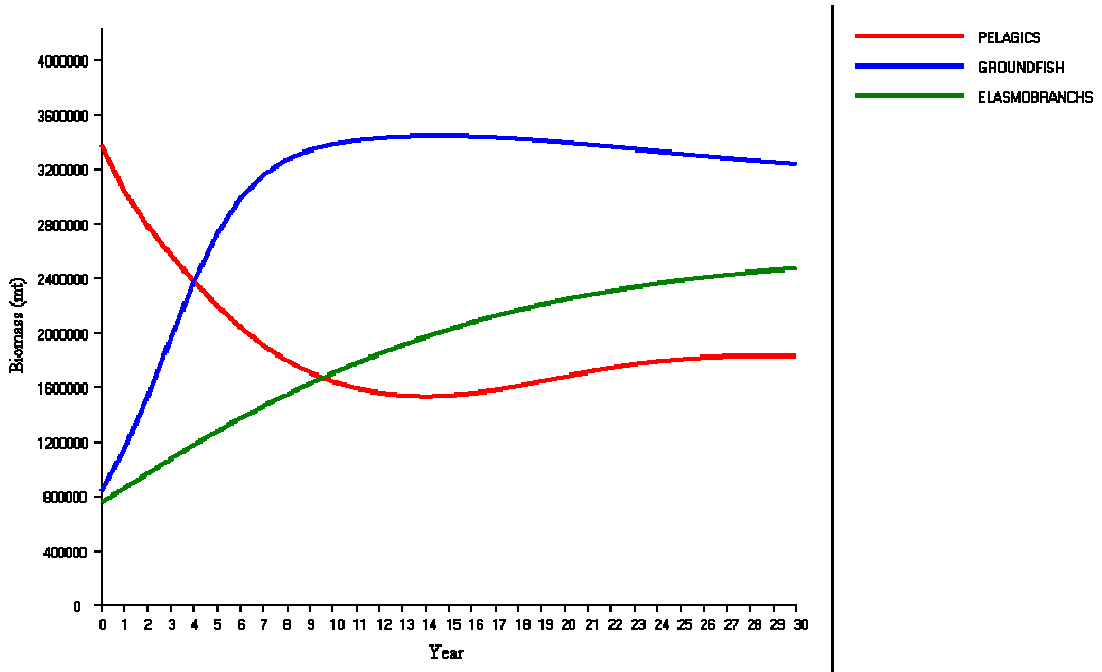
Harvest (PEL), Interactions – Groundfish biomasses



Harvest (PEL), Interactions – Pelagic biomasses

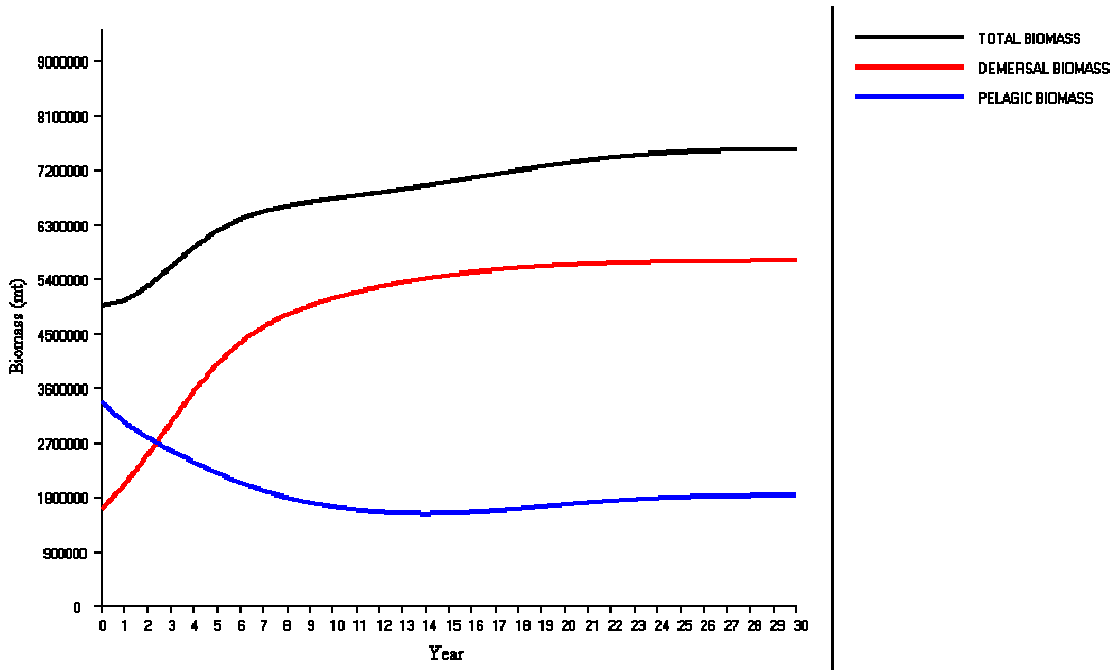
Fig. 63

A



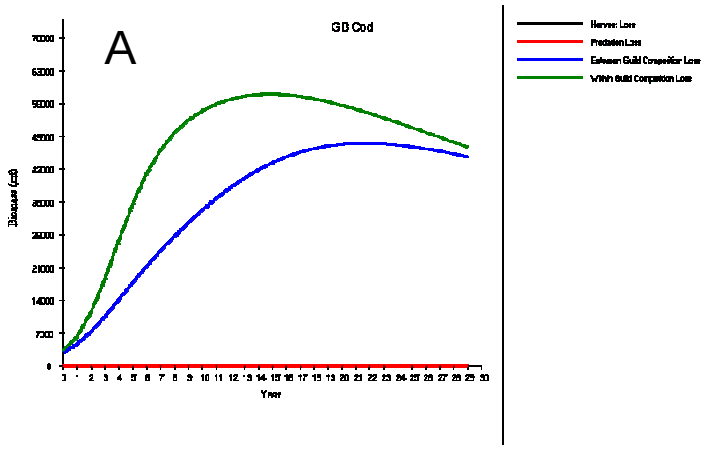
Harvest (PEL), Interactions – Guild biomass

B

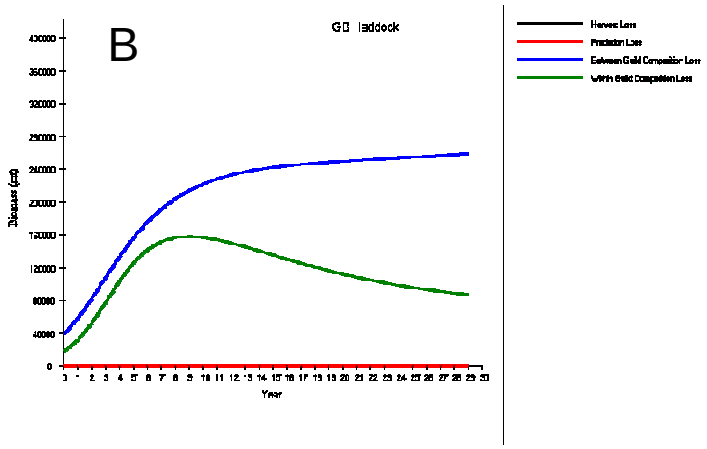


Harvest (PEL), Interactions – Demersal/Pelagic biomass

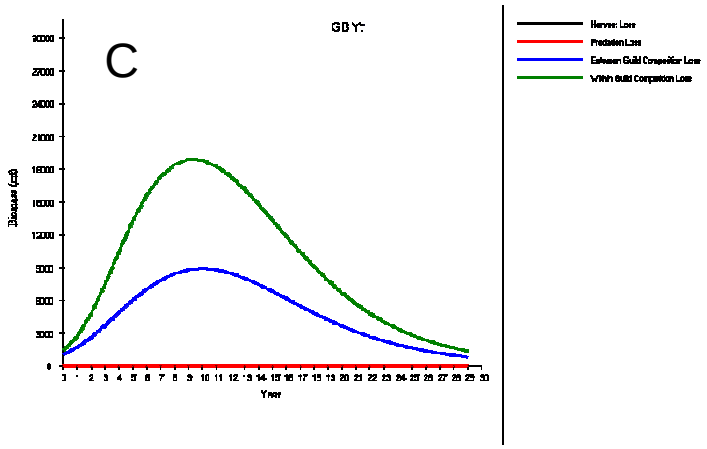
Fig. 64



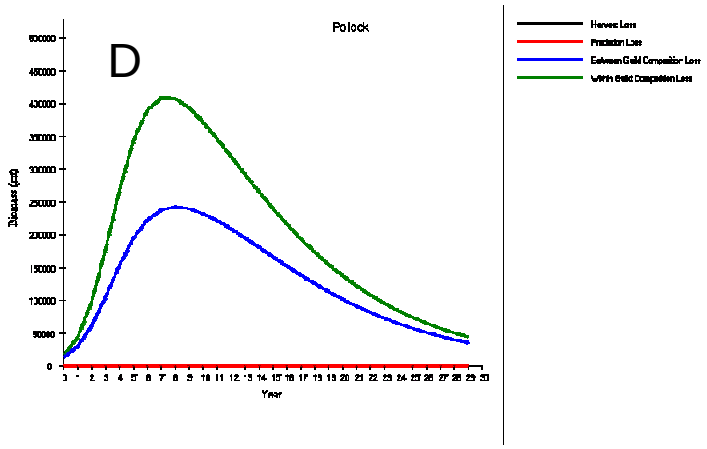
Harvest (PEL), Interactions – Losses of GB-Cod biomass



Harvest (PEL), Interactions – Losses of GB-Haddock biomass

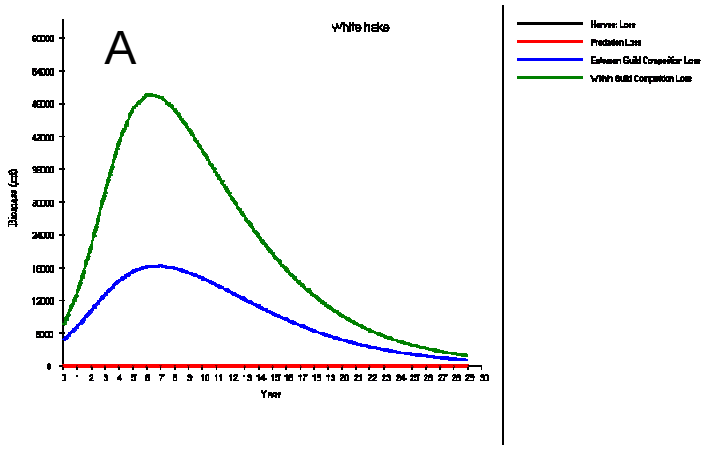


Harvest (PEL), Interactions – Losses of GB-Yt biomass

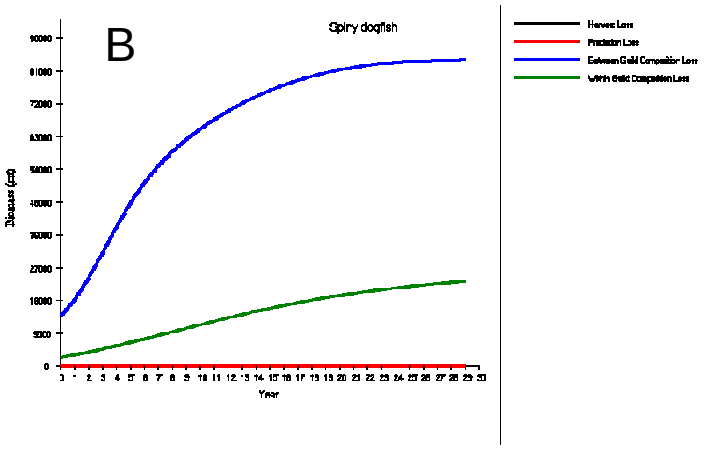


Harvest (PEL), Interactions – Losses of Pollock biomass

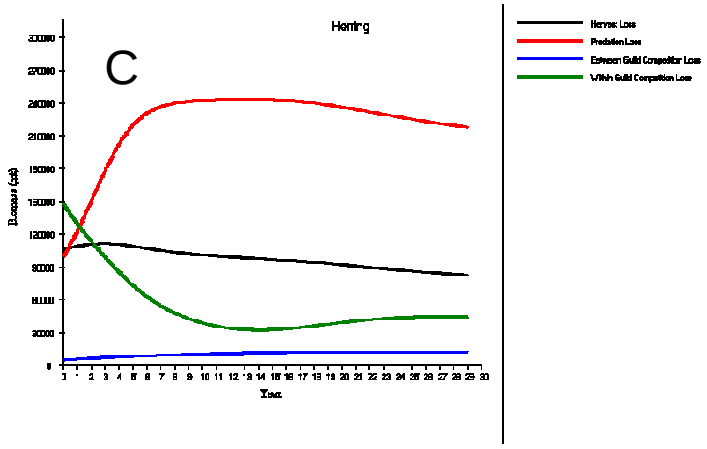
Fig. 65



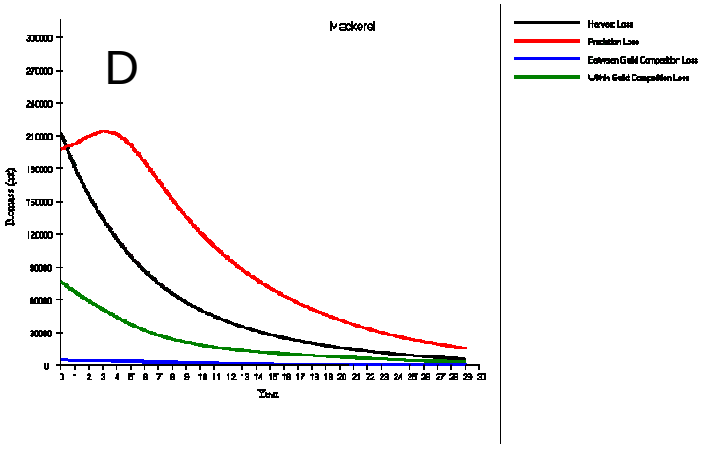
Harvest (PEL), Interactions – Losses of White hake biomass



Harvest (PEL), Interactions – Losses of Spiny dogfish biomass



Harvest (PEL), Interactions – Losses of Herring biomass



Harvest (PEL), Interactions – Losses of Mackerel biomass

Fig. 66