Freely-varying phi
Atlantic cod
Haddock
Hake
Pollock
Ling
Blue whiting
European plaice
Common sole
Megrim
Fourspotted megrim
Golden redfish
Herring
Sprat
Atlantic menhaden
Mackerel
Horse mackerel
White anglerfish
Annual surplus production / estimated MSY
5
0
-5
0.0
0.5
1.0
1.5
Annual biomass / estimated K

Schaefer model (phi = 2)
Atlantic cod
Haddock
Hake
Pollock
Ling
Blue whiting
European plaice
Common sole
Megrim
Fourspotted megrim
Golden redfish
Herring
Sprat
Atlantic menhaden
Mackerel
Horse mackerel
White anglerfish
Annual surplus production / estimated MSY
5
0
-5
0.0
0.5
1.0
1.5
Annual biomass / estimated K

Fox model (phi = 1)
Atlantic cod
Haddock
Hake
Pollock
Ling
Blue whiting
European plaice
Common sole
Megrim
Fourspotted megrim
Golden redfish
Herring
Sprat
Atlantic menhaden
Mackerel
Horse mackerel
White anglerfish
Annual surplus production / estimated MSY
5
0
-5
0.0
0.5
1.0
1.5
Annual biomass / estimated K

Empirical taxon-specific phi
Atlantic cod
Haddock
Hake
Pollock
Ling
Blue whiting
European plaice
Common sole
Megrim
Fourspotted megrim
Golden redfish
Herring
Sprat
Atlantic menhaden
Mackerel
Horse mackerel
White anglerfish
Annual surplus production / estimated MSY
5
0
-5
0.0
0.5
1.0
1.5
Annual biomass / estimated K

Thorson meta-analysis taxon-specific phi
Atlantic cod
Haddock
Hake
Pollock
Ling
Blue whiting
European plaice
Common sole
Megrim
Fourspotted megrim
Golden redfish
Herring
Sprat
Atlantic menhaden
Mackerel
Horse mackerel
White anglerfish
Annual surplus production / estimated MSY
5
0
-5
0.0
0.5
1.0
1.5
Annual biomass / estimated K

Thorson meta-analysis pooled (phi = 1.736)
Atlantic cod
Haddock
Hake
Pollock
Ling
Blue whiting
European plaice
Common sole
Megrim
Fourspotted megrim
Golden redfish
Herring
Sprat
Atlantic menhaden
Mackerel
Horse mackerel
White anglerfish
Annual surplus production / estimated MSY
5
0
-5
0.0
0.5
1.0
1.5
Annual biomass / estimated K