

Table S1

| stock | rho_R | rho_SSB | rho_Fbar | Model |
|-------|---------|---------|------------|-------|
| 1 | SNEMAYT | 5.57 | 0.85 | -0.32 |
| 2 | Base | 2 | SNEMAYT | 6.42 |
| 3 | NAA-1 | 3 | SNEMAYT | 4.56 |
| 4 | SNEMAYT | 0.81 | 0.17 | -0.10 |
| 5 | NAA-3 | 5 | SNEMAYT | 0.51 |
| 6 | NAA-4 | 6 | butterfish | 0.18 |
| 7 | Base | 7 | butterfish | 0.05 |
| 8 | NAA-1 | 8 | butterfish | 0.07 |
| 9 | NAA-2 | 9 | butterfish | 0.05 |
| 10 | NAA-3 | 10 | butterfish | 0.11 |
| 11 | NAA-4 | 11 | NScod | -0.09 |
| 12 | Base | 12 | NScod | -0.04 |
| 13 | NAA-1 | 13 | NScod | -0.05 |
| 14 | NAA-2 | 14 | NScod | 0.02 |
| 15 | NAA-3 | 15 | NScod | 0.00 |
| 16 | NAA-4 | 16 | GBhaddock | 0.94 |
| 17 | Base | 17 | GBhaddock | 0.89 |
| 18 | NAA-1 | 18 | GBhaddock | 0.88 |
| 19 | NAA-2 | 19 | GBhaddock | 0.61 |
| 20 | NAA-3 | 20 | GBhaddock | 0.31 |
| 21 | NAA-4 | 21 | ICEherring | 0.51 |
| 22 | Base | 22 | ICEherring | -0.01 |
| 23 | NAA-1 | 23 | ICEherring | 0.01 |
| 24 | NAA-2 | 24 | ICEherring | -0.07 |
| 25 | NAA-3 | 25 | ICEherring | -0.05 |
| | NAA-4 | | | 0.03 |