

Tab C, No. 4(c)

Table 18: Estimates of SFA-related parameters (proxies for MSY, SSMSY, FMSY, OY, SSOY and FOY) for the mixing scenarios evaluated. Yields (MSY, OY) are in million pounds, Spawning stock (SS) is in trillion eggs.

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|--------------|----------------------|---------------|--------------|------------|--------------|-------------|-----------|----------------------|----------------|---------------|--------------|------------|--------------|-------------|-----------|--|
| Model | Glf 100% | | | | | | | Model | Atl 0% | | | | | | | |
| | | SS MSY | F MSY | MSY | SS OY | F OY | OY | | | SS MSY | F MSY | MSY | SS OY | F OY | OY | |
| | Median | 6.39 | 0.269 | 11.4 | 8.524 | 0.190 | 10.1 | | Median | 2.92 | 0.288 | 5.6 | 4.354 | 0.205 | 5.8 | |
| | low 80% | 5.56 | 0.235 | 9.6 | 7.436 | 0.166 | 8.5 | | low 80% | 1.50 | 0.252 | 2.7 | 3.396 | 0.180 | 4.4 | |
| | upp 80% | 7.39 | 0.366 | 13.6 | 9.779 | 0.255 | 12.1 | | upp 80% | 4.38 | 0.335 | 8.5 | 6.053 | 0.237 | 8.2 | |
| | deterministic | 6.38 | 0.226 | 11.3 | 8.506 | 0.160 | 10.0 | deterministic | 3.05 | 0.262 | 5.9 | 4.072 | 0.187 | 5.4 | | |
| Model | Glf 75% | | | | | | | Model | Atl 25% | | | | | | | |
| | | SS MSY | F MSY | MSY | SS OY | F OY | OY | | | SS MSY | F MSY | MSY | SS OY | F OY | OY | |
| | Median | 5.86 | 0.267 | 10.4 | 7.852 | 0.188 | 9.2 | | Median | 3.34 | 0.304 | 6.5 | 4.670 | 0.214 | 6.3 | |
| | low 80% | 5.11 | 0.233 | 8.8 | 6.826 | 0.164 | 7.8 | | low 80% | 2.26 | 0.266 | 4.3 | 3.721 | 0.187 | 4.9 | |
| | upp 80% | 6.82 | 0.364 | 12.2 | 9.044 | 0.253 | 10.8 | | upp 80% | 4.69 | 0.351 | 9.4 | 6.341 | 0.247 | 9.0 | |
| | deterministic | 5.94 | 0.232 | 10.5 | 7.920 | 0.164 | 9.3 | deterministic | 3.22 | 0.287 | 6.3 | 4.300 | 0.203 | 5.8 | | |
| Model | Glf 50% | | | | | | | Model | Atl 50% | | | | | | | |
| | | SS MSY | F MSY | MSY | SS OY | F OY | OY | | | SS MSY | F MSY | MSY | SS OY | F OY | OY | |
| | Median | 5.36 | 0.285 | 9.5 | 7.147 | 0.199 | 8.5 | | Median | 3.77 | 0.309 | 7.4 | 5.113 | 0.218 | 6.9 | |
| | low 80% | 4.74 | 0.235 | 8.2 | 6.356 | 0.166 | 7.3 | | low 80% | 2.71 | 0.267 | 4.9 | 4.135 | 0.189 | 5.3 | |
| | upp 80% | 6.21 | 0.415 | 11.4 | 8.235 | 0.283 | 9.9 | | upp 80% | 5.18 | 0.363 | 10.5 | 6.956 | 0.255 | 9.7 | |
| | deterministic | 5.39 | 0.256 | 9.5 | 7.180 | 0.180 | 8.4 | deterministic | 3.56 | 0.297 | 7.0 | 4.748 | 0.210 | 6.4 | | |
| Model | Glf 25% | | | | | | | Model | Atl 75% | | | | | | | |
| | | SS MSY | F MSY | MSY | SS OY | F OY | OY | | | SS MSY | F MSY | MSY | SS OY | F OY | OY | |
| | Median | 4.97 | 0.293 | 8.8 | 6.635 | 0.203 | 7.8 | | Median | 4.18 | 0.318 | 8.0 | 5.751 | 0.225 | 7.6 | |
| | low 80% | 4.36 | 0.239 | 7.4 | 5.831 | 0.167 | 6.6 | | low 80% | 3.10 | 0.275 | 5.9 | 4.541 | 0.195 | 5.9 | |
| | upp 80% | 5.65 | 0.429 | 10.3 | 7.568 | 0.294 | 9.0 | | upp 80% | 5.63 | 0.369 | 11.1 | 7.432 | 0.260 | 10.3 | |
| | deterministic | 4.95 | 0.267 | 8.7 | 6.603 | 0.187 | 7.7 | deterministic | 3.90 | 0.307 | 7.6 | 5.200 | 0.217 | 7.0 | | |
| Model | Glf 2% | | | | | | | Model | Atl 98% | | | | | | | |
| | | SS MSY | F MSY | MSY | SS OY | F OY | OY | | | SS MSY | F MSY | MSY | SS OY | F OY | OY | |
| | Median | 4.58 | 0.315 | 8.1 | 6.107 | 0.217 | 7.2 | | Median | 4.16 | 0.312 | 8.3 | 5.609 | 0.218 | 7.7 | |
| | low 80% | 4.03 | 0.247 | 7.0 | 5.371 | 0.171 | 6.2 | | low 80% | 3.34 | 0.269 | 6.5 | 4.601 | 0.191 | 6.2 | |
| | upp 80% | 5.25 | 0.499 | 9.6 | 7.015 | 0.331 | 8.5 | | upp 80% | 5.66 | 0.369 | 11.5 | 7.602 | 0.256 | 10.5 | |
| | deterministic | 4.55 | 0.295 | 8.1 | 6.067 | 0.204 | 7.1 | deterministic | 3.91 | 0.284 | 7.9 | 5.210 | 0.197 | 7.3 | | |