

Cross test using Operating Model based on Life History

Biomass Dynamic

L Kell

22 July, 2018

Cross tests

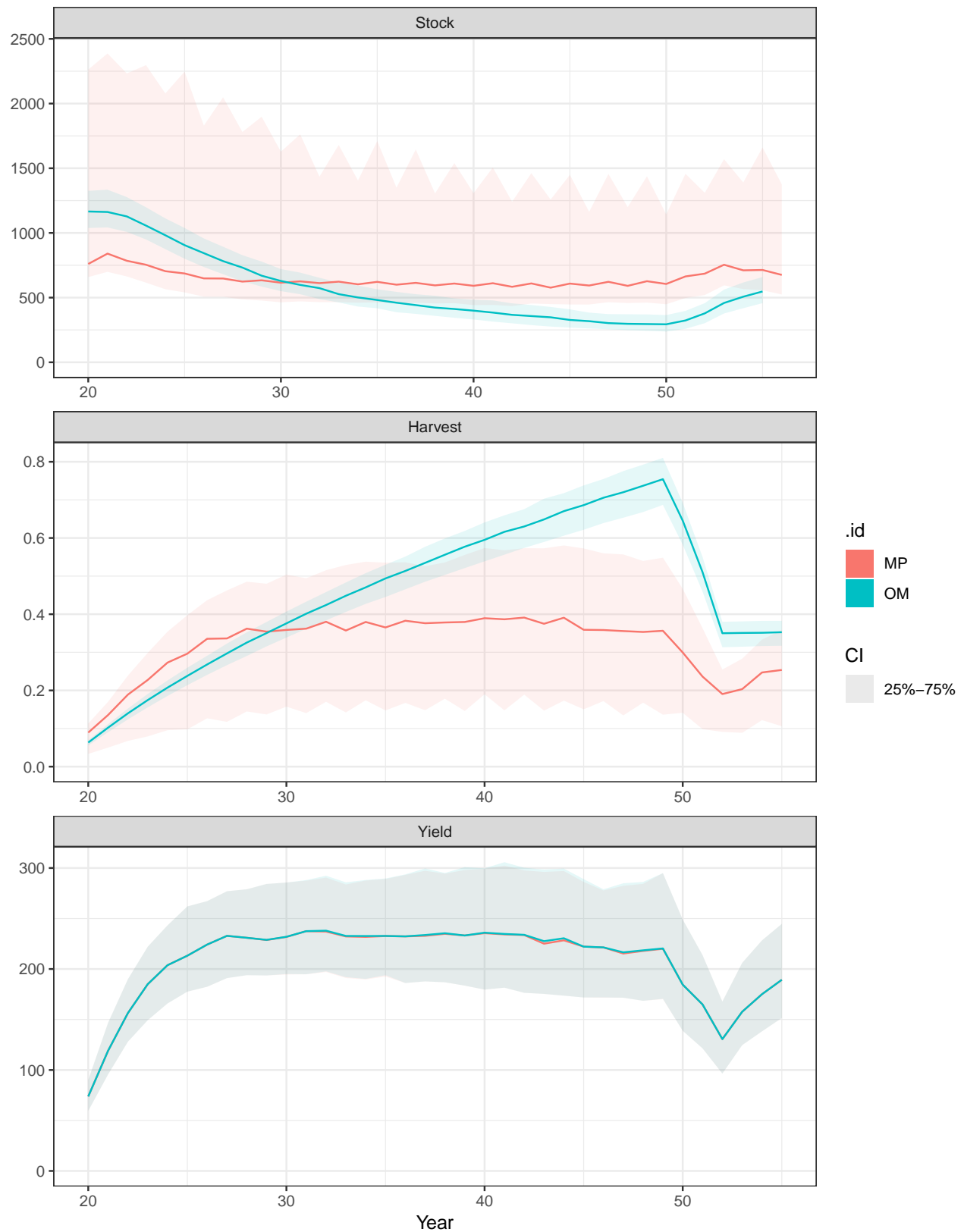


Figure 1, Cross test of biomass dynamic assessment for brill.

Turbot

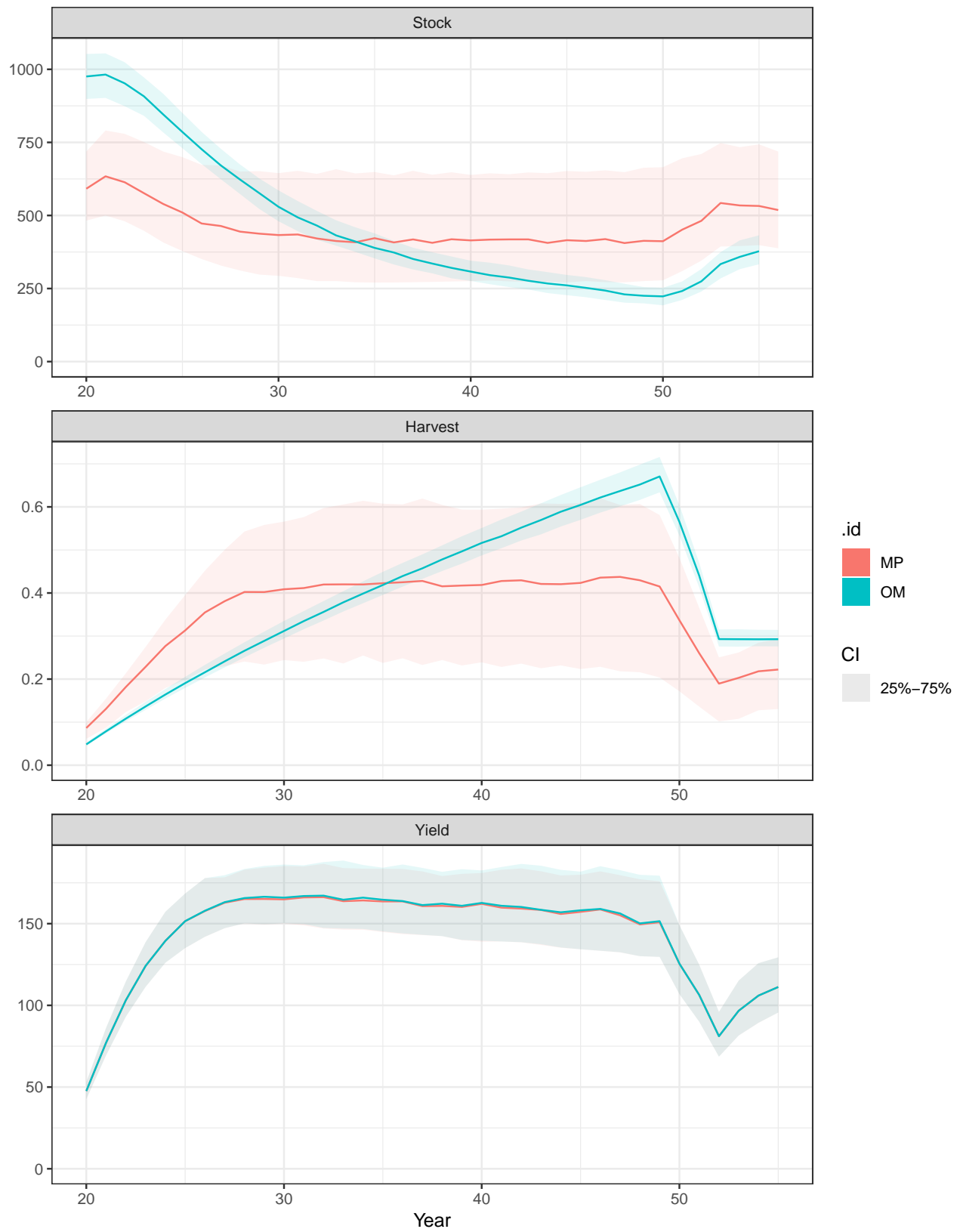


Figure 2, Cross test of biomass dyanmic assessment for turbot.

Ray

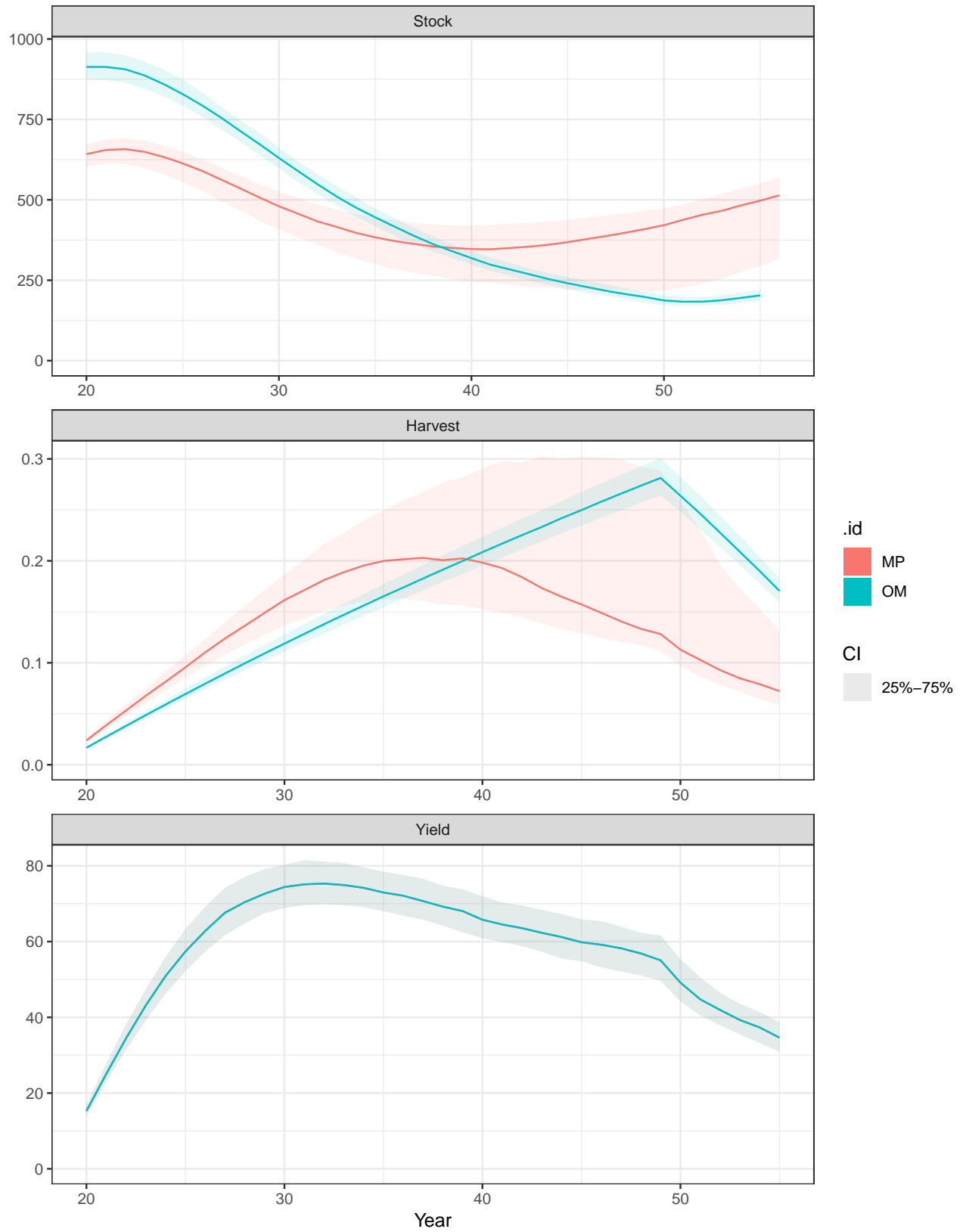


Figure 3, Cross test of biomass dyanmic assessment for ray.

Pollack

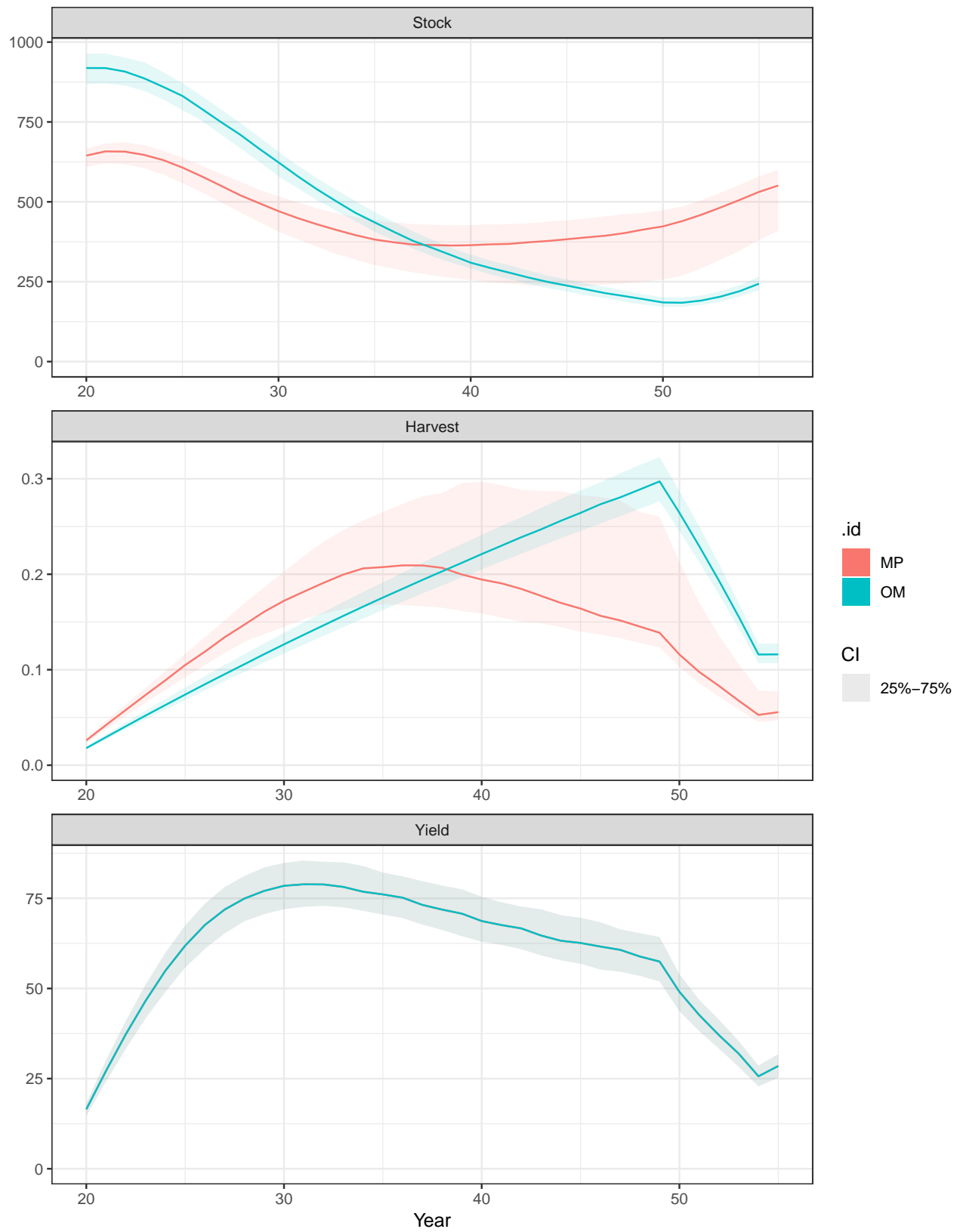


Figure 4, Cross test of biomass dyanmic assessment for pollack.

Sprat

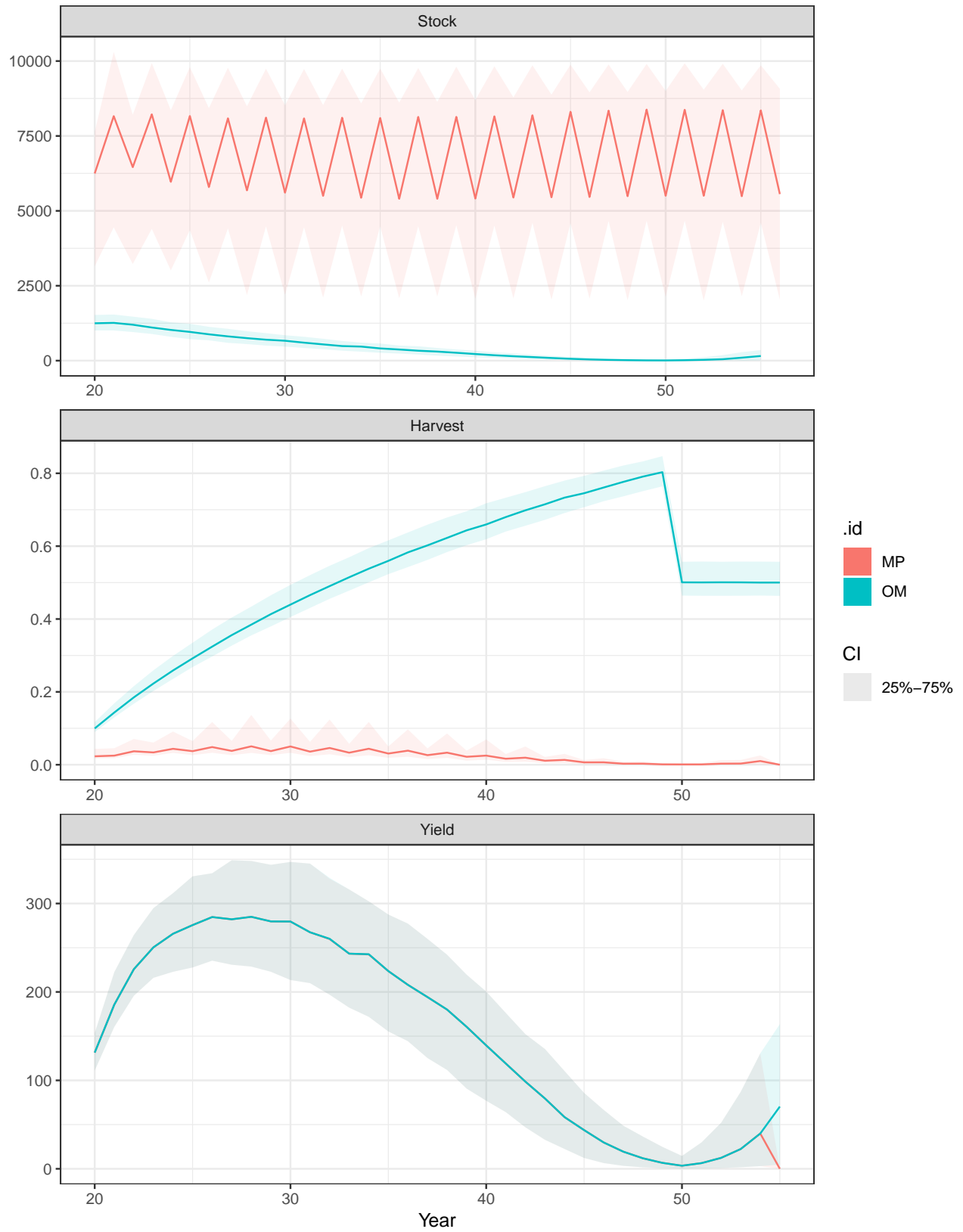


Figure 5, Cross test of biomass dyanmic assessment for sprat.

Lobster

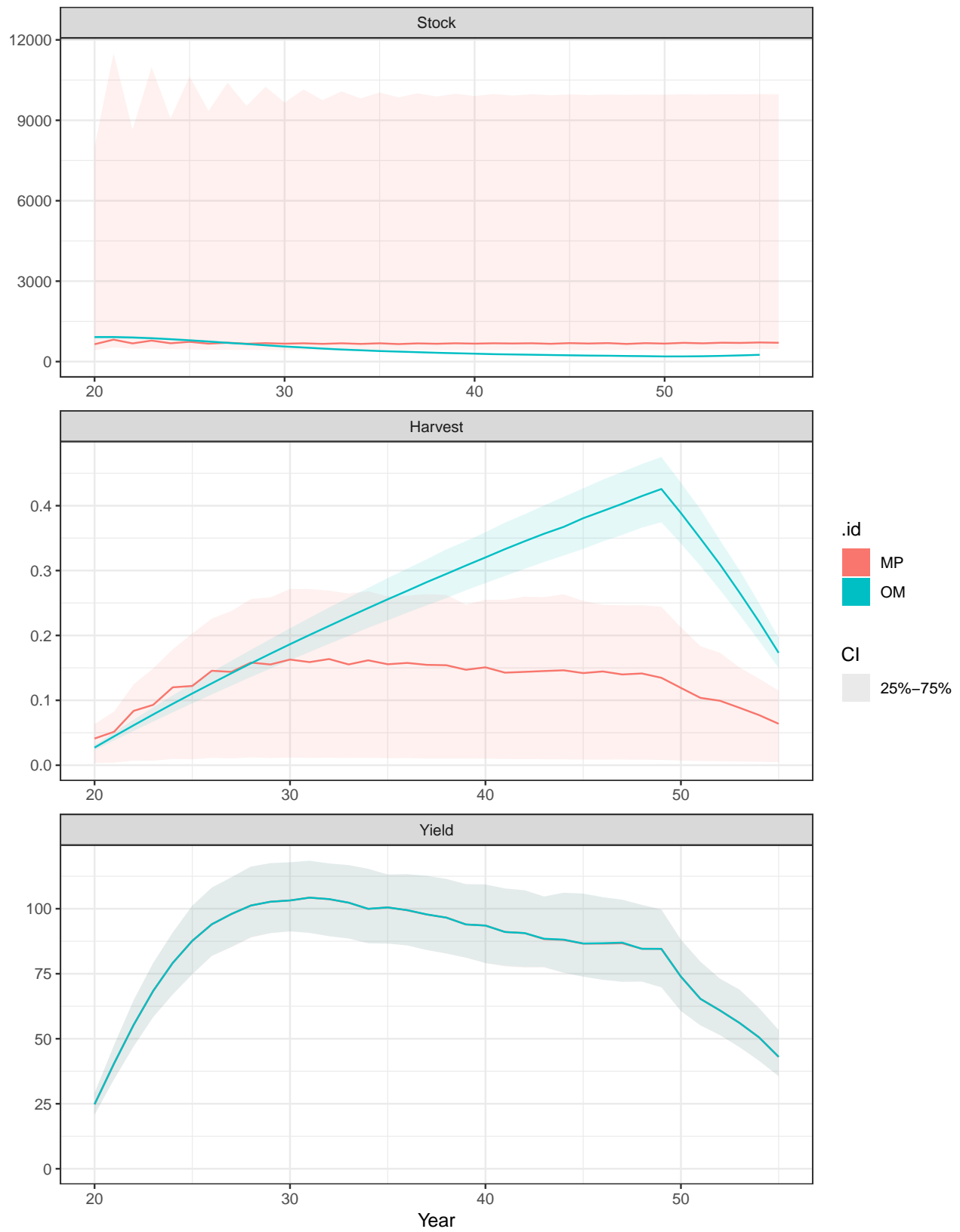


Figure 6, Cross test of biomass dynamic assessment for lobster.

Razor

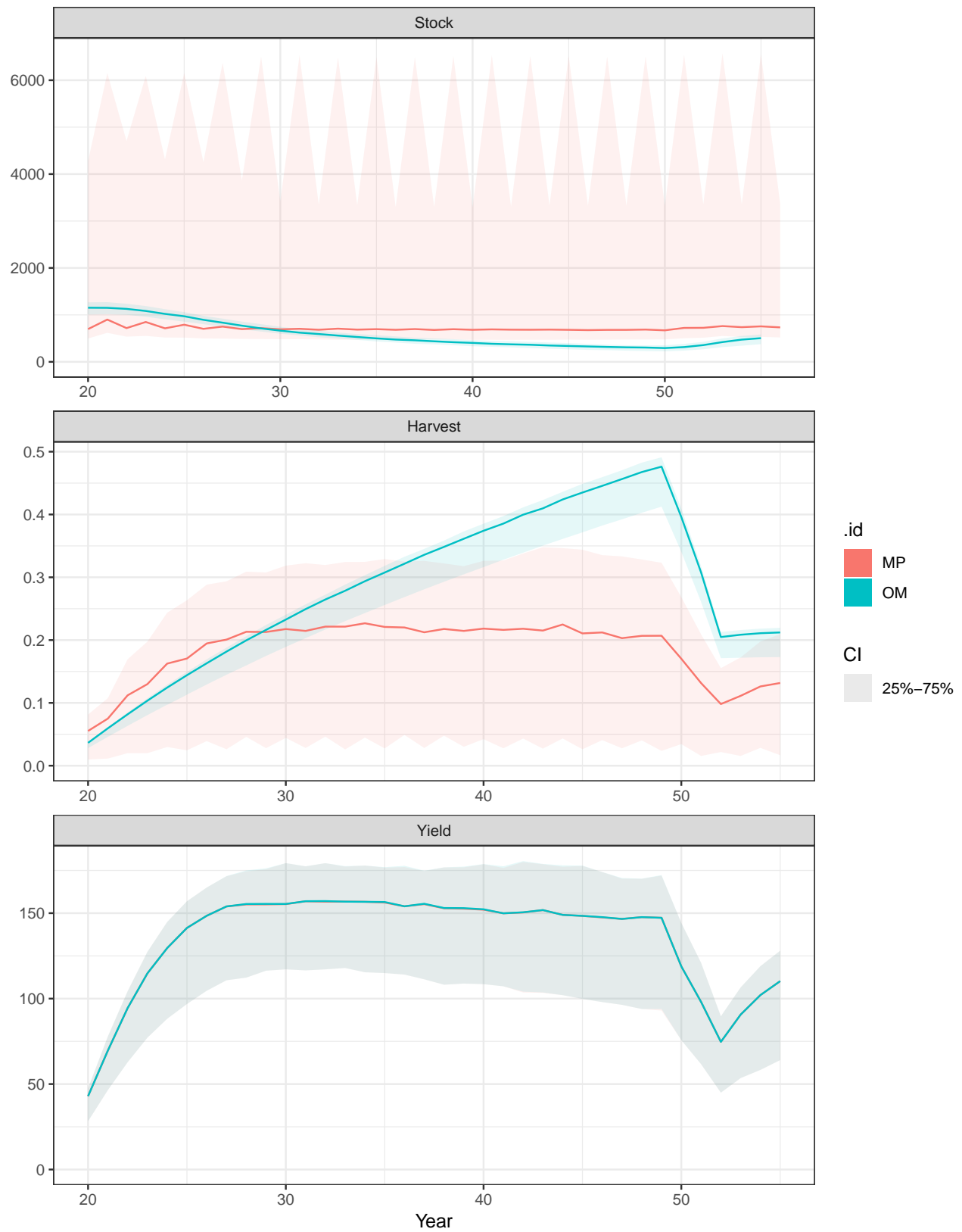


Figure 7, Cross test of biomass dynamic assessment for razor.

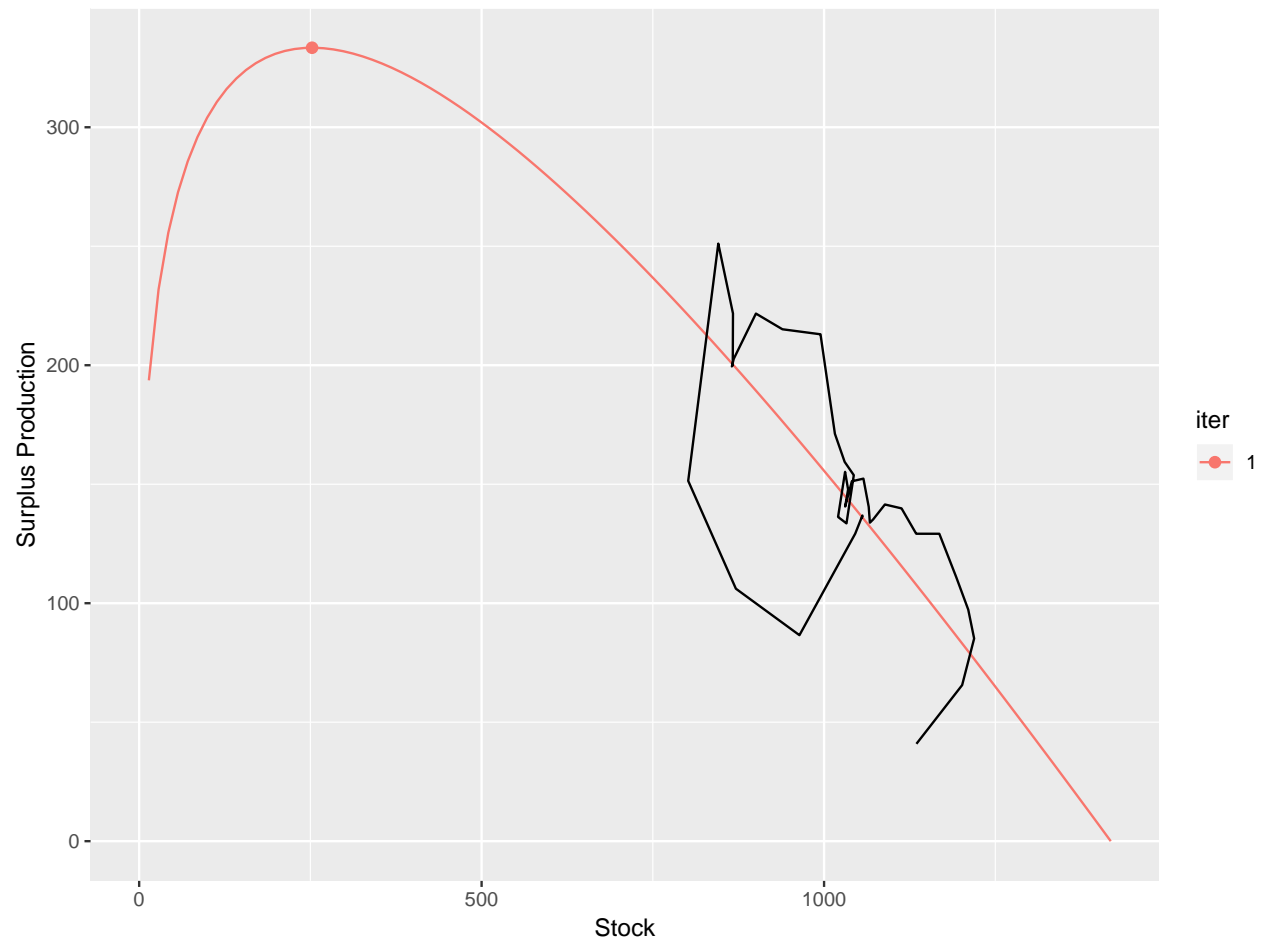


Figure 8, Biomass dynamic production function.

Figure 9, Biomass dynamic

Figure 10, Biomass dynamic

Session Info

R version 3.4.1 (2017-06-30)
Platform: x86_64-pc-linux-gnu (64-bit)
Running under: Ubuntu 16.04.2 LTS

Matrix products: default
BLAS: /usr/lib/libblas/libblas.so.3.6.0
LAPACK: /usr/lib/lapack/liblapack.so.3.6.0

locale:
[1] LC_CTYPE=en_US.UTF-8 LC_NUMERIC=C
[3] LC_TIME=en_GB.UTF-8 LC_COLLATE=en_US.UTF-8
[5] LC_MONETARY=en_GB.UTF-8 LC_MESSAGES=en_US.UTF-8
[7] LC_PAPER=en_GB.UTF-8 LC_NAME=C
[9] LC_ADDRESS=C LC_TELEPHONE=C
[11] LC_MEASUREMENT=en_GB.UTF-8 LC_IDENTIFICATION=C

attached base packages:
[1] stats graphics grDevices utils datasets methods base

other attached packages:
[1] mpb_3.0.0 ggplotFL_2.6.4 FLCore_2.6.8 lattice_0.20-35
[5] dplyr_0.7.6 plyr_1.8.4 reshape_0.8.7 ggplot2_3.0.0
[9] knitr_1.20

loaded via a namespace (and not attached):
[1] Rcpp_0.12.17 pillar_1.1.0 compiler_3.4.1 bindr_0.1.1
[5] tools_3.4.1 digest_0.6.15 evaluate_0.10.1 tibble_1.4.2
[9] gtable_0.2.0 pkgconfig_2.0.1 rlang_0.2.1 Matrix_1.2-10
[13] yaml_2.1.18 bindrcpp_0.2.2 gridExtra_2.3 withr_2.1.2
[17] stringr_1.3.1 stats4_3.4.1 rprojroot_1.3-2 grid_3.4.1
[21] tidyselect_0.2.4 glue_1.2.0 R6_2.2.2 rmarkdown_1.9
[25] FLRP_1.0.1.9002 FLBRP_2.5.3 purrr_0.2.5 magrittr_1.5
[29] codetools_0.2-15 backports_1.1.2 scales_0.5.0 htmltools_0.3.6
[33] MASS_7.3-47 assertthat_0.2.0 colorspace_1.3-2 labeling_0.3
[37] stringi_1.2.3 lazyeval_0.2.1 munsell_0.5.0

Software Versions

- R version 3.4.1 (2017-06-30)
- FLCore: 2.6.8
- FLlife: 3.2.0
- FLBRP: 2.5.3
- **Compiled:** Sun Jul 22 12:08:21 2018

Author information

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Acknowledgements

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References