

Cross test using Operating Model based on Life History

VPA

L Kell

15 July, 2018

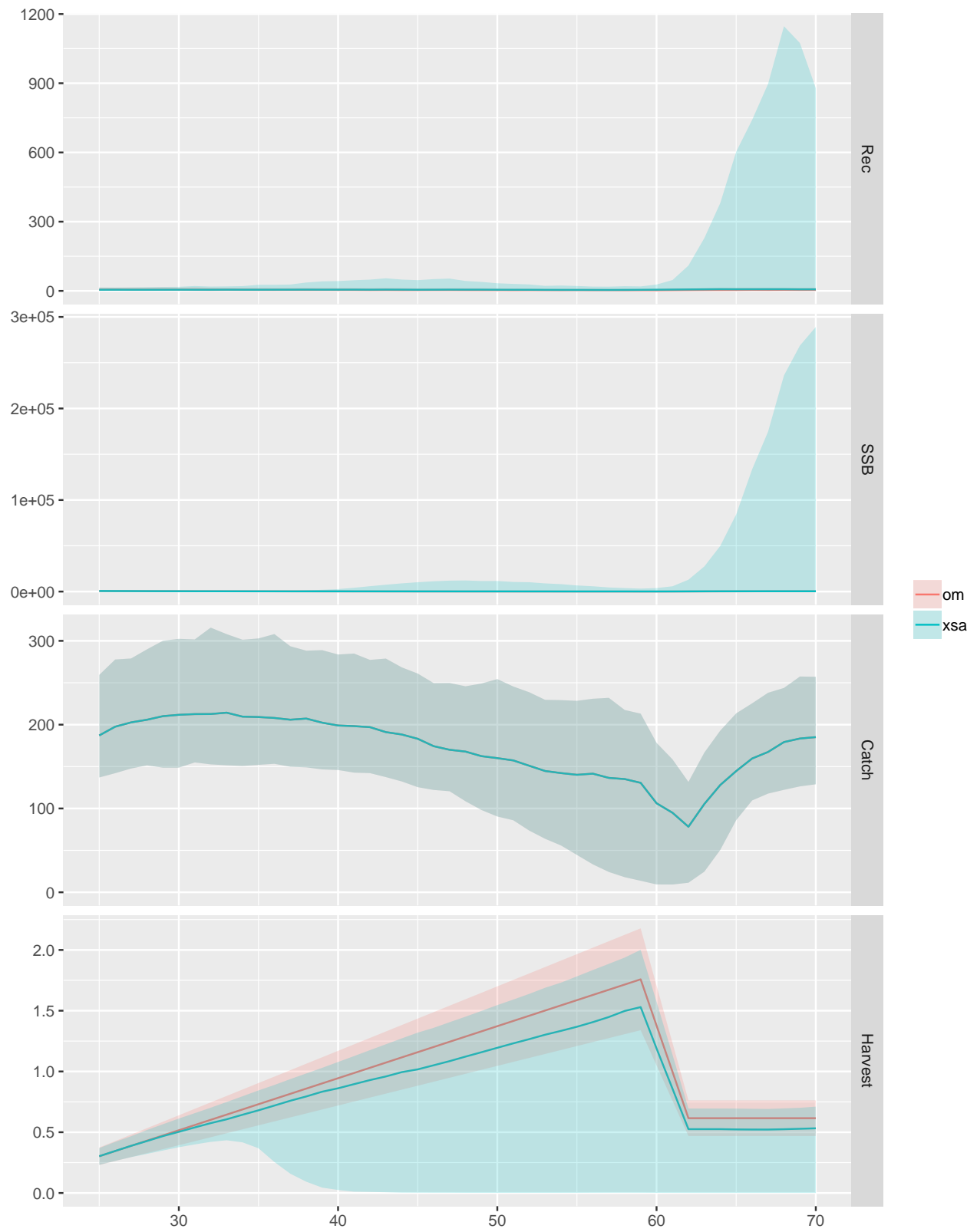


Figure 1. Cross test for brill.

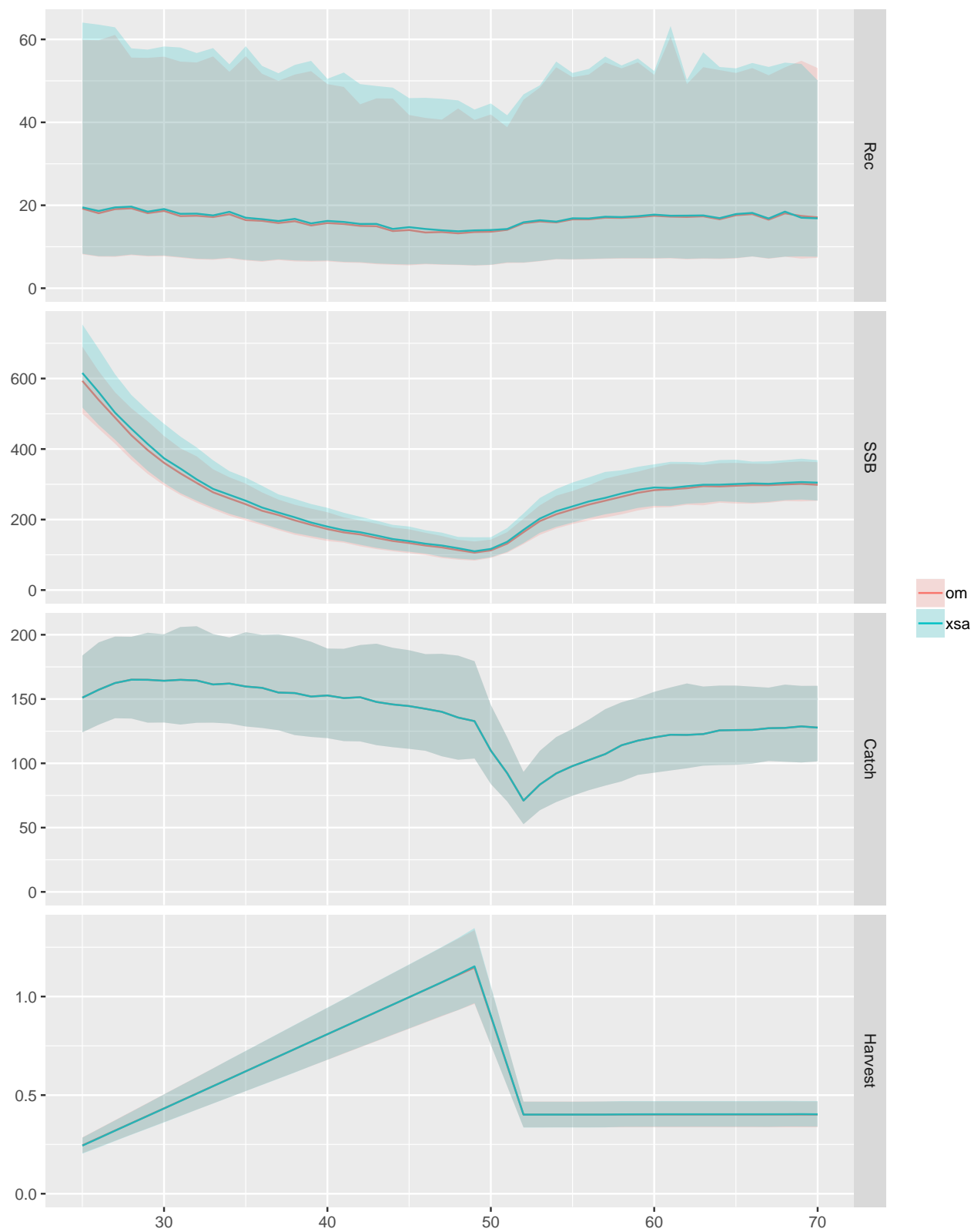


Figure 2. Cross test for turbot.

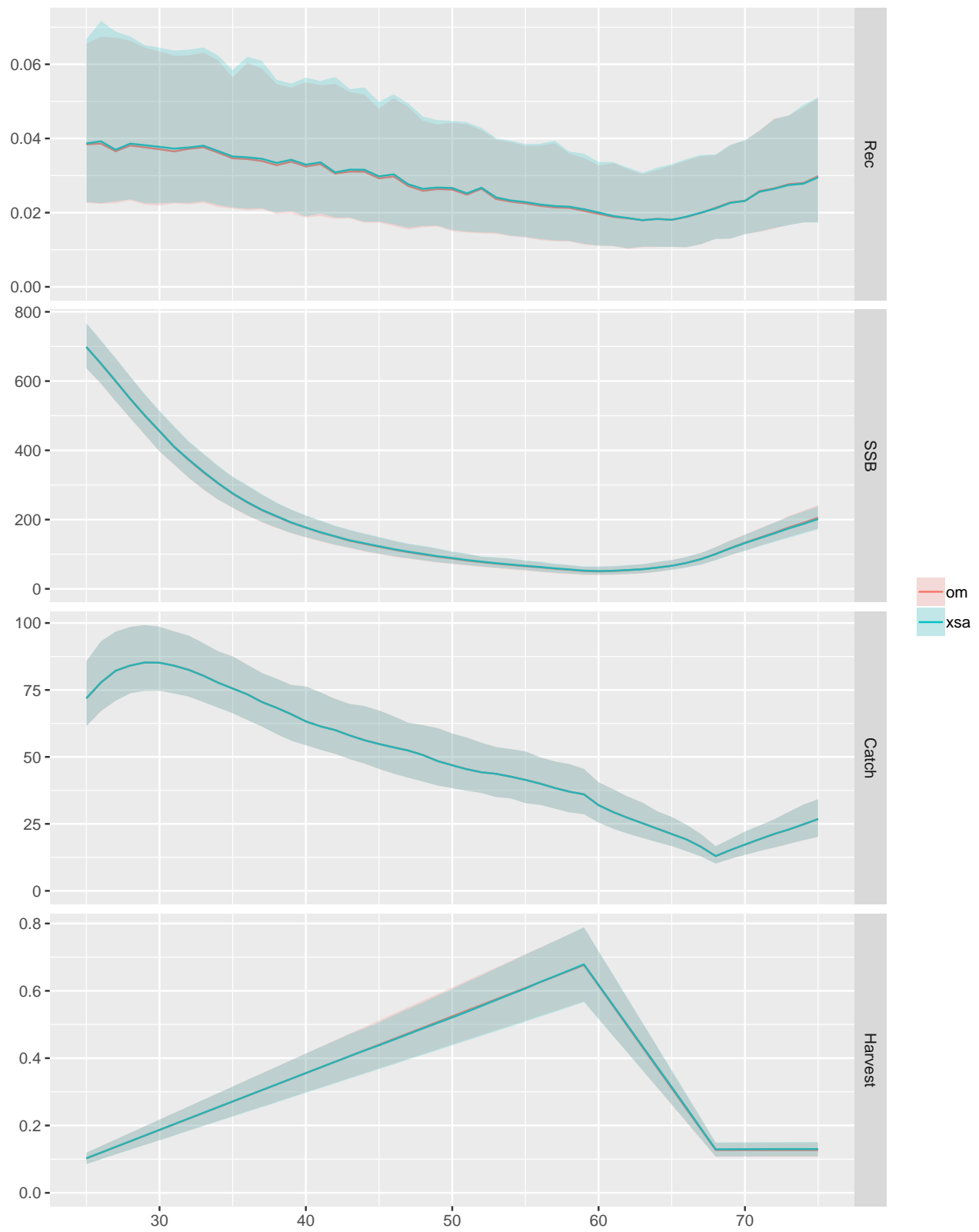


Figure 3. Cross test for ray.

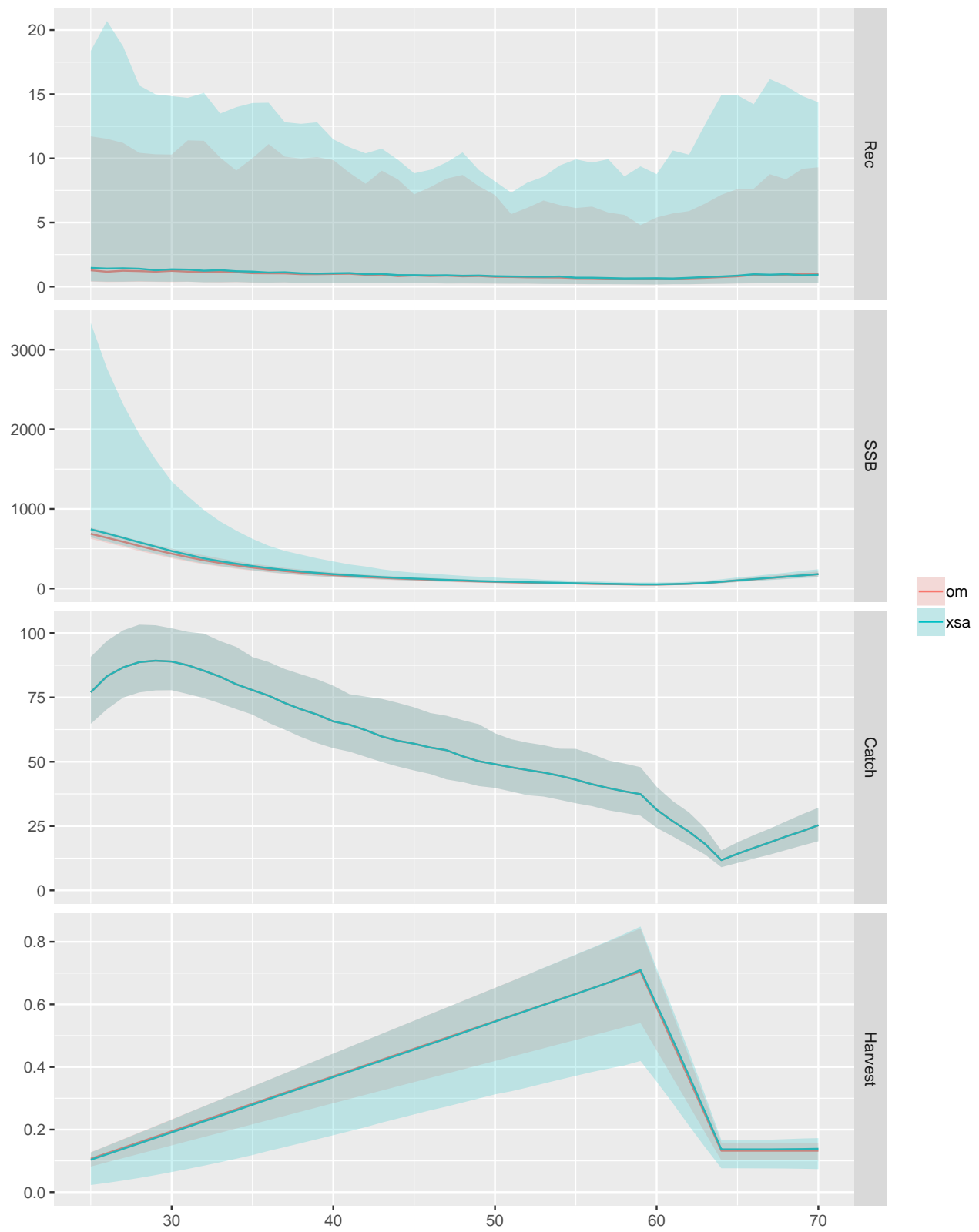


Figure 4. Cross test for pollack.

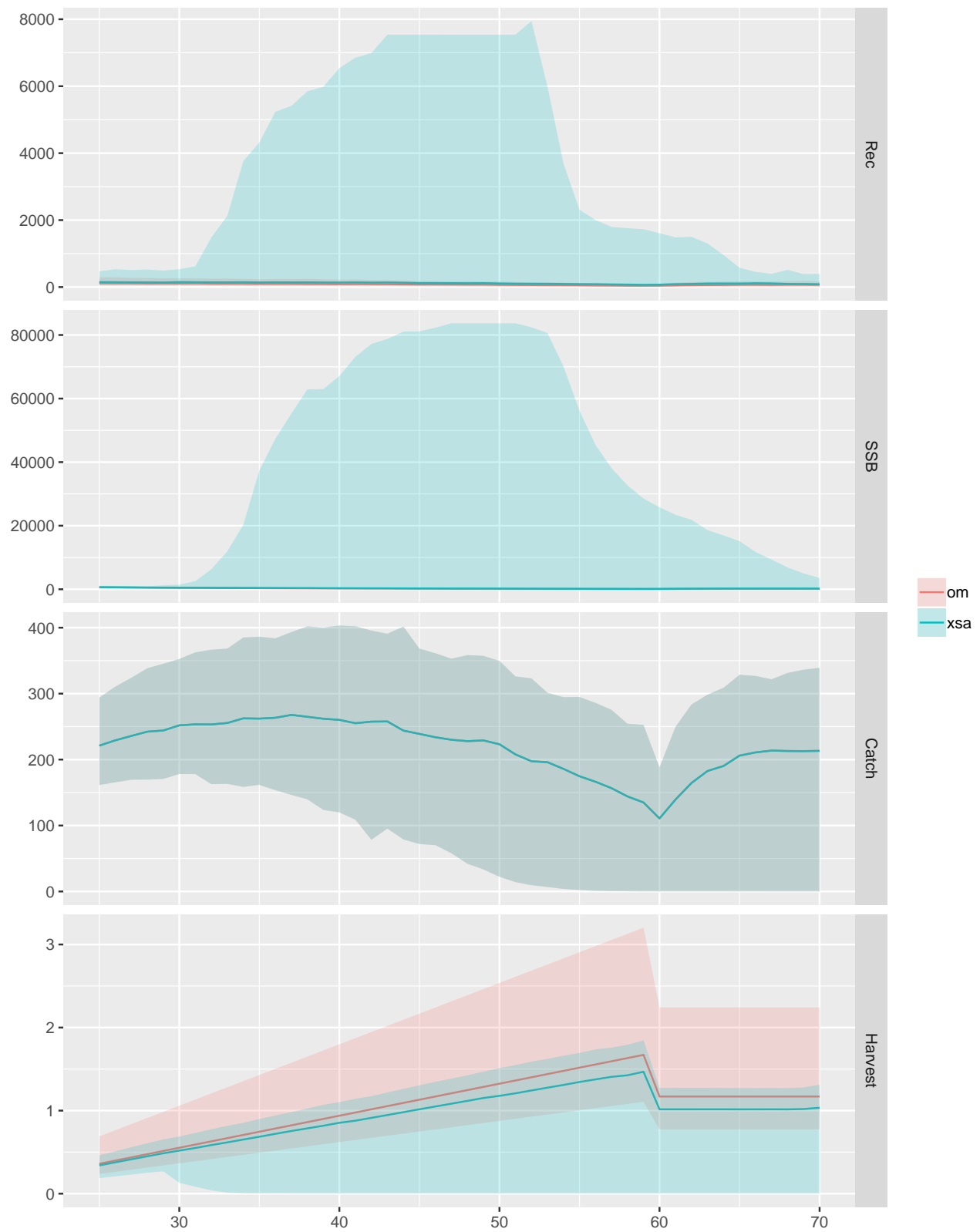


Figure 5. Cross test for sprat.

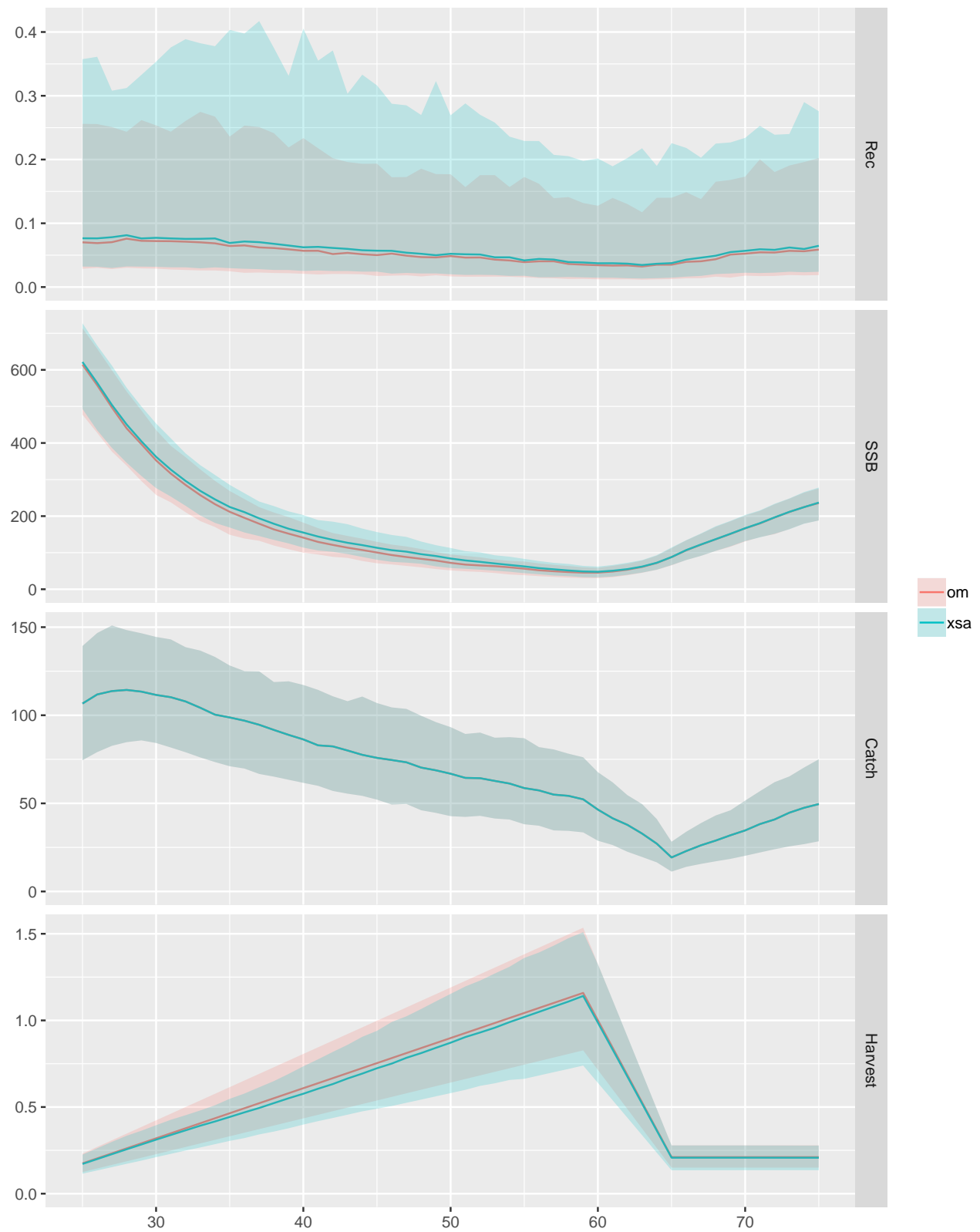


Figure 6. Cross test for lobster.

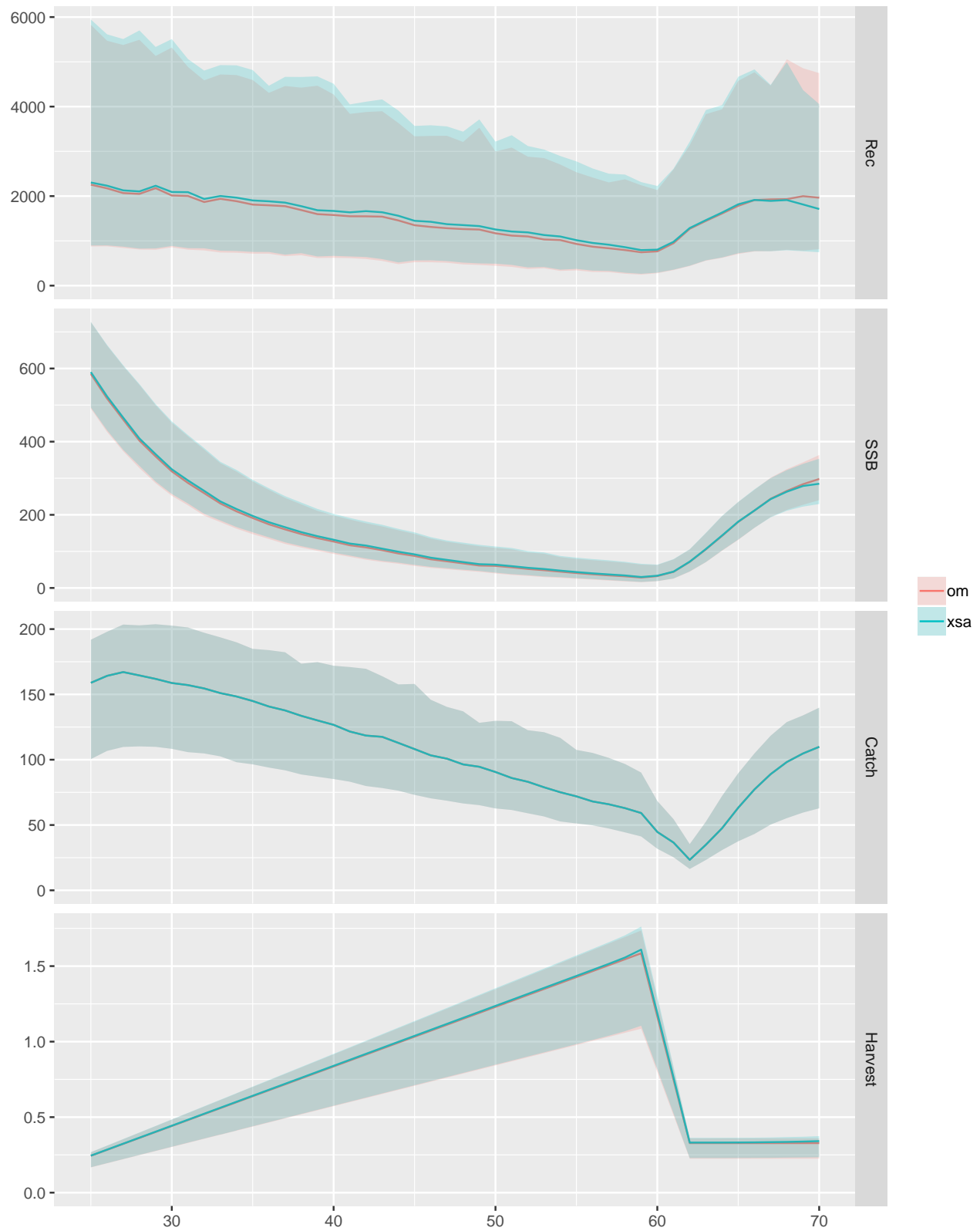


Figure 7. Cross test for razor.

Figure 8. Retrospective cross test

Figure 9. Single retrospective cross test

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] parallel stats graphics grDevices utils datasets methods
[8] base

other attached packages:
[1] FLRP_1.0.1.9001 Flasher_0.0.5.9005 FLFishery_0.1.3.9002
[4] doParallel_1.0.10 iterators_1.0.9 foreach_1.4.4
[7] FLXSA_2.6.1 FLAssess_2.6.1 ggplotFL_2.6.3
[10] FLCore_2.6.8 lattice_0.20-35 dplyr_0.7.5
[13] plyr_1.8.4 reshape_0.8.7 ggplot2_3.0.0
[16] 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] purrr_0.2.5 magrittr_1.5 codetools_0.2-15 backports_1.1.2
[29] scales_0.5.0 htmltools_0.3.6 MASS_7.3-47 assertthat_0.2.0
[33] colorspace_1.3-2 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
- FLRP: 1.0.1.9001
- **Compiled:** Sun Jul 15 08:49:02 2018

Author information

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References