

Cross test using Operating Model based on Life History

Biomass Dynamic and Stock Reduction Analysis

L Kell

24 July, 2018

Brill



Figure 1, Brill stock Reduction Analysis

Turbot

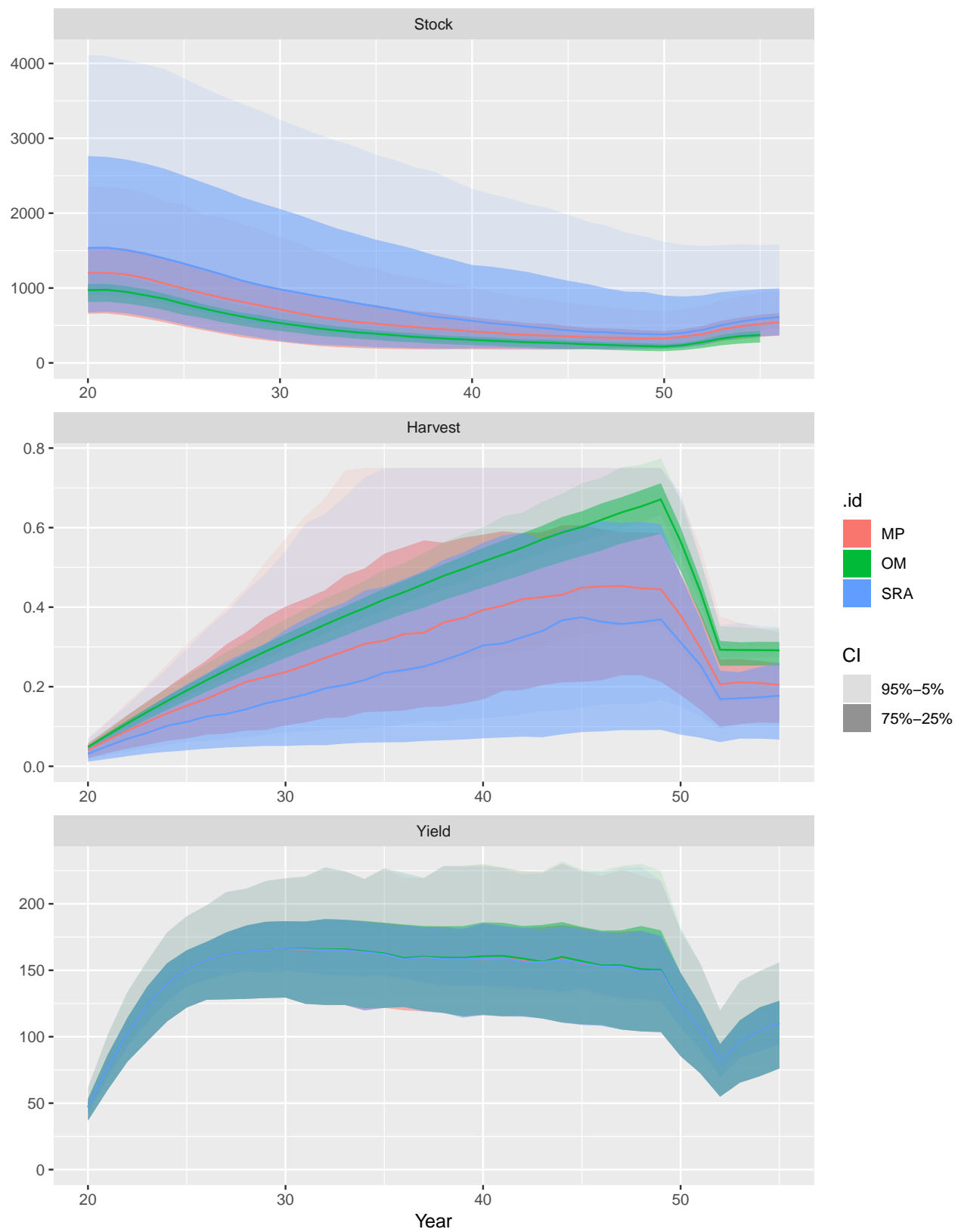


Figure 2, Turbot stock Reduction Analysis

Ray

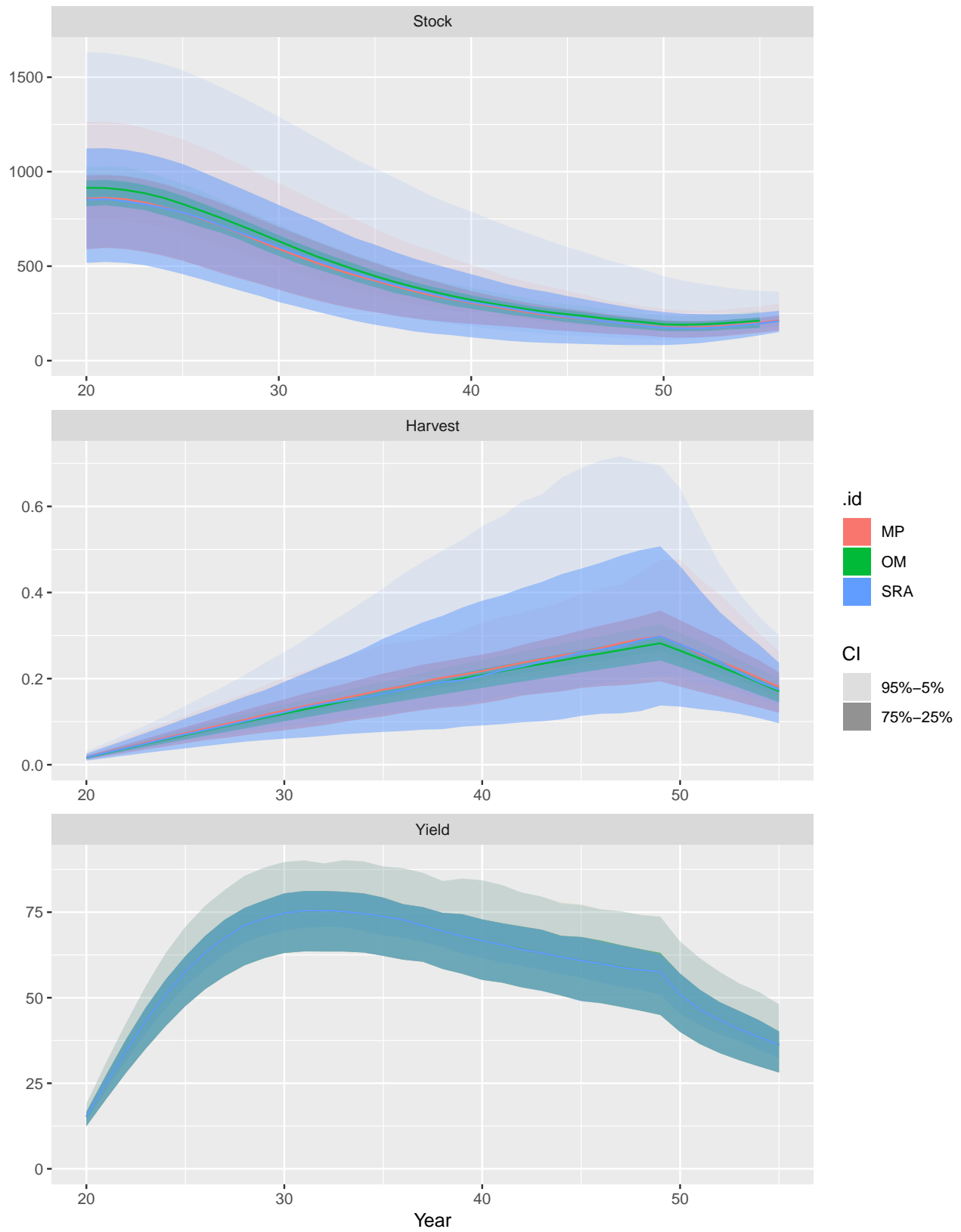


Figure 3, Ray stock Reduction Analysis

Pollack

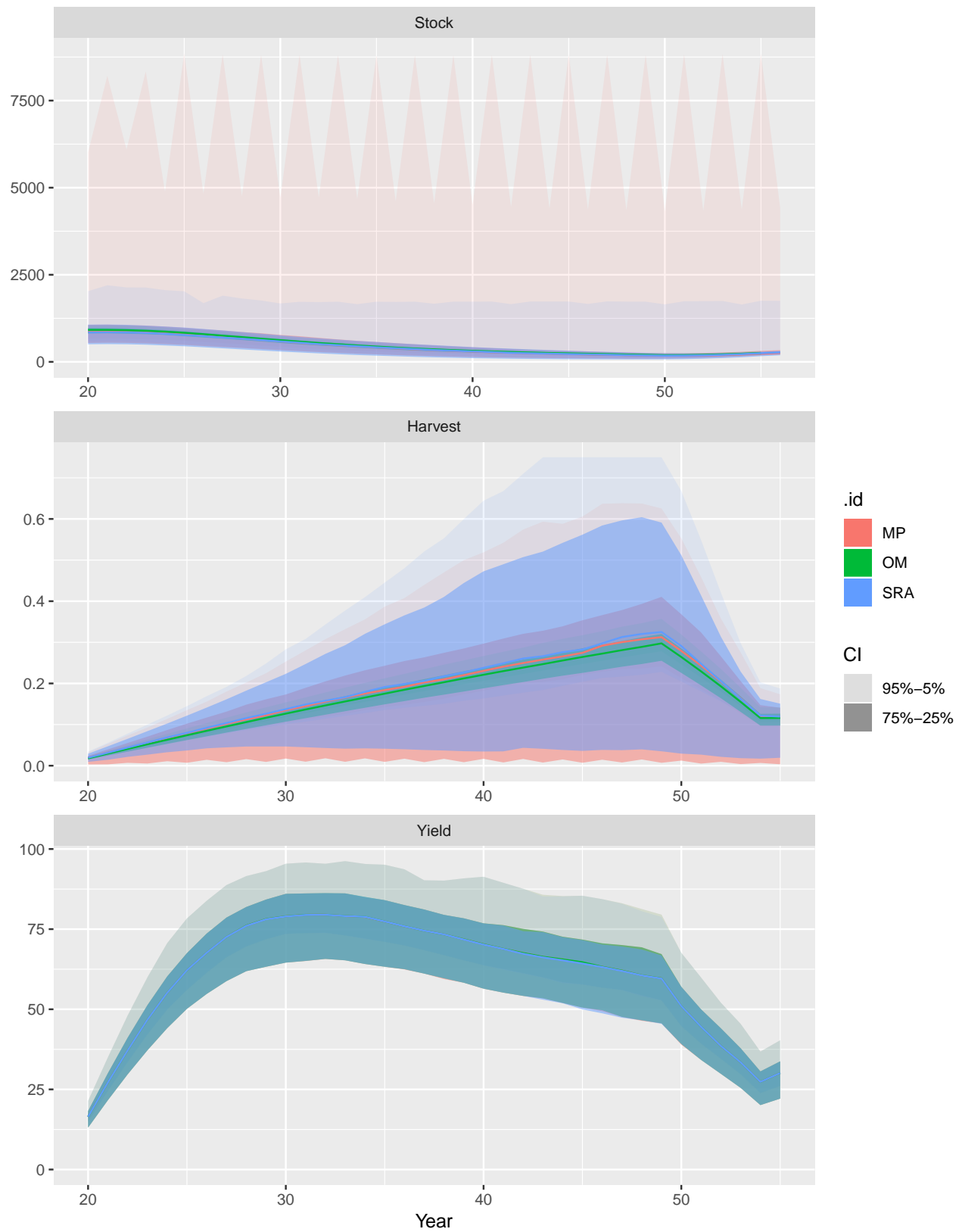


Figure 4, Pollack stock Reduction Analysis

Sprat

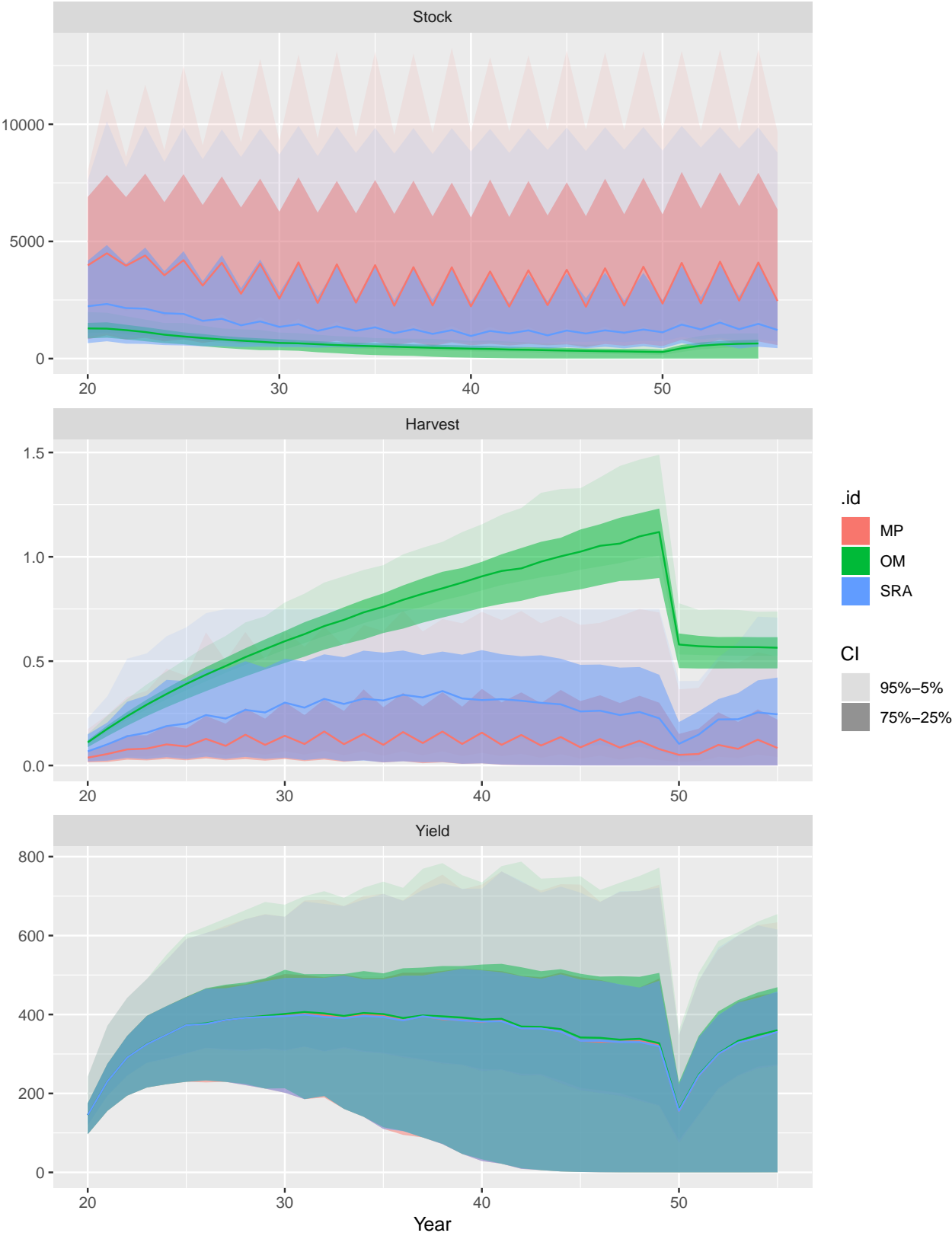


Figure 5, Sprat stock Reduction Analysis

Lobster

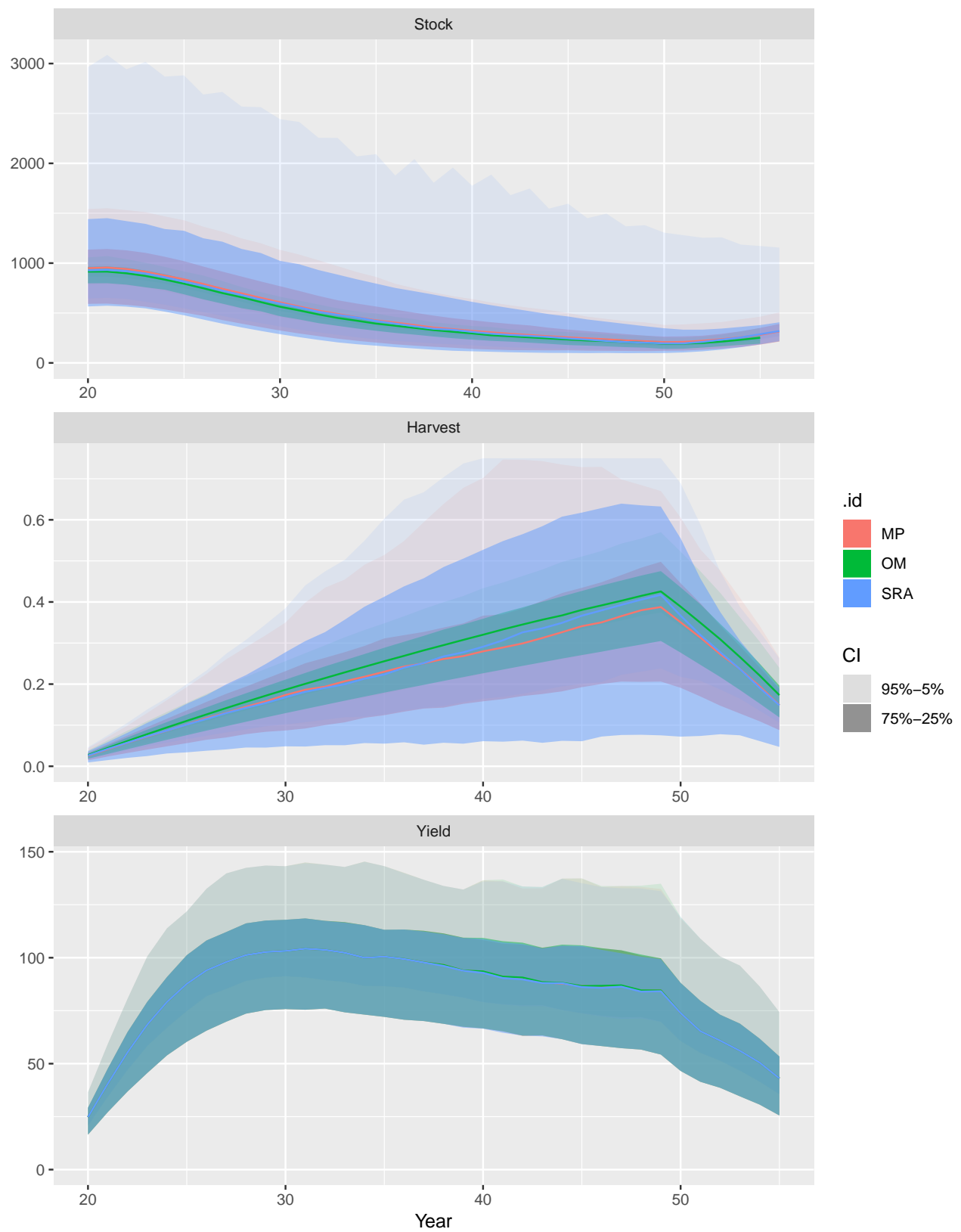


Figure 6, Lobster stock Reduction Analysis

Razor

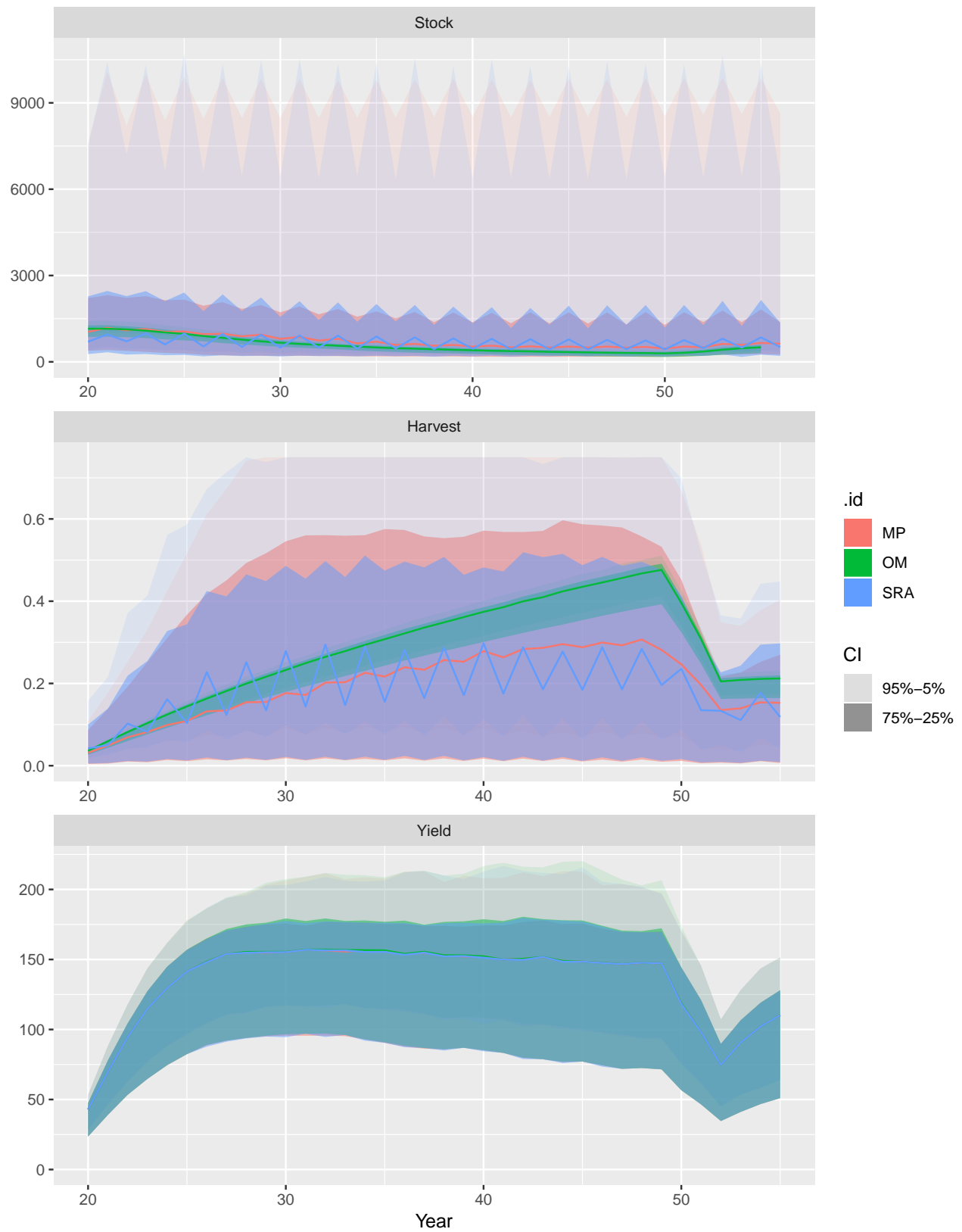


Figure 7, Razor stock Reduction Analysis

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_2.6.9 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_0.12.18 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 purrr_0.2.5 magrittr_1.5 codetools_0.2-15
[29] backports_1.1.2 scales_0.5.0 htmltools_0.3.6 MASS_7.3-47
[33] assertthat_0.2.0 FLlife_3.2.0 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: 2.6.9
- FLlife: 3.2.0
- FLBRP: 2.5.3
- **Compiled:** Tue Jul 24 09:17:10 2018

Author information

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Acknowledgements

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References