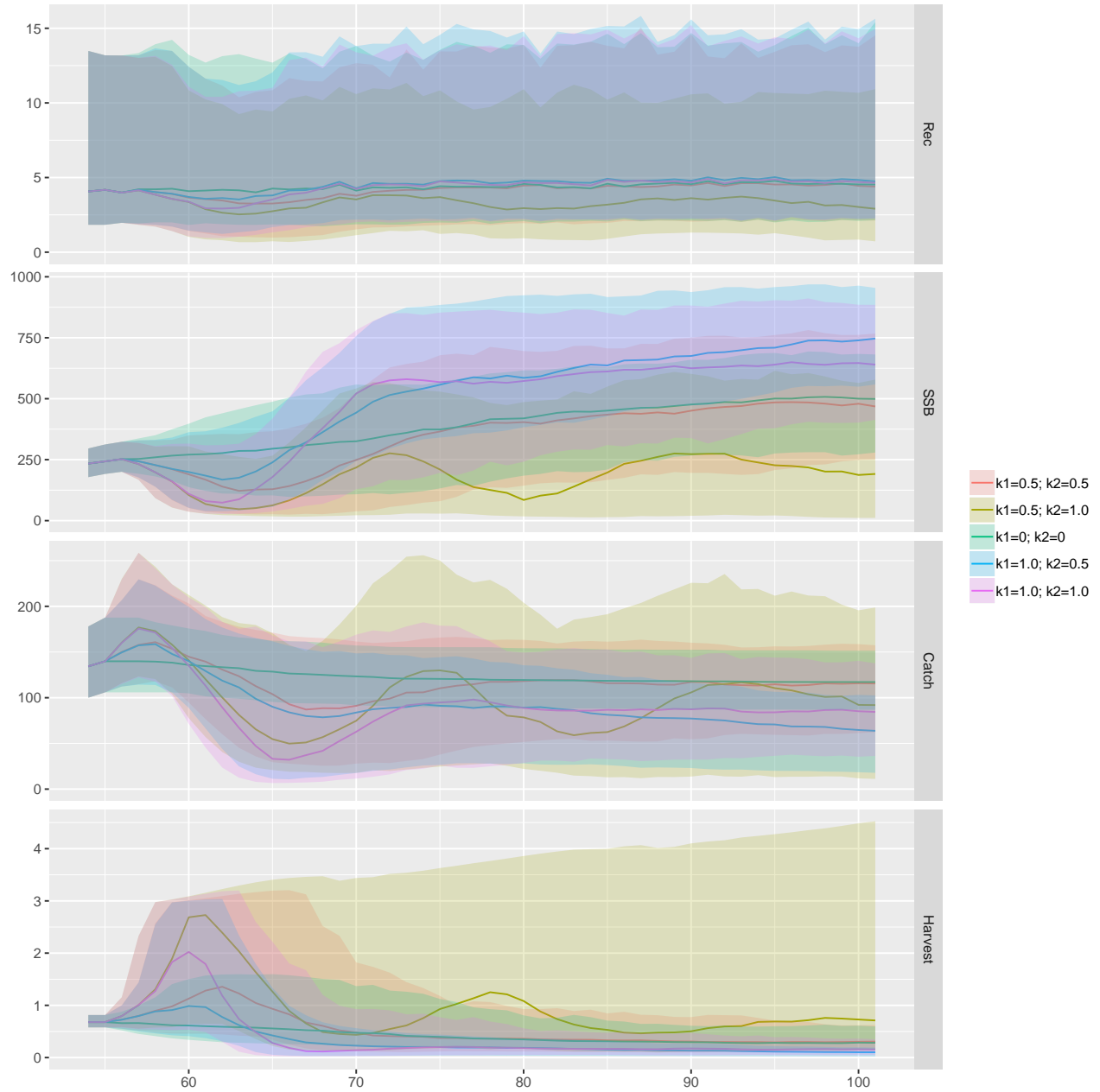


# Grid empd

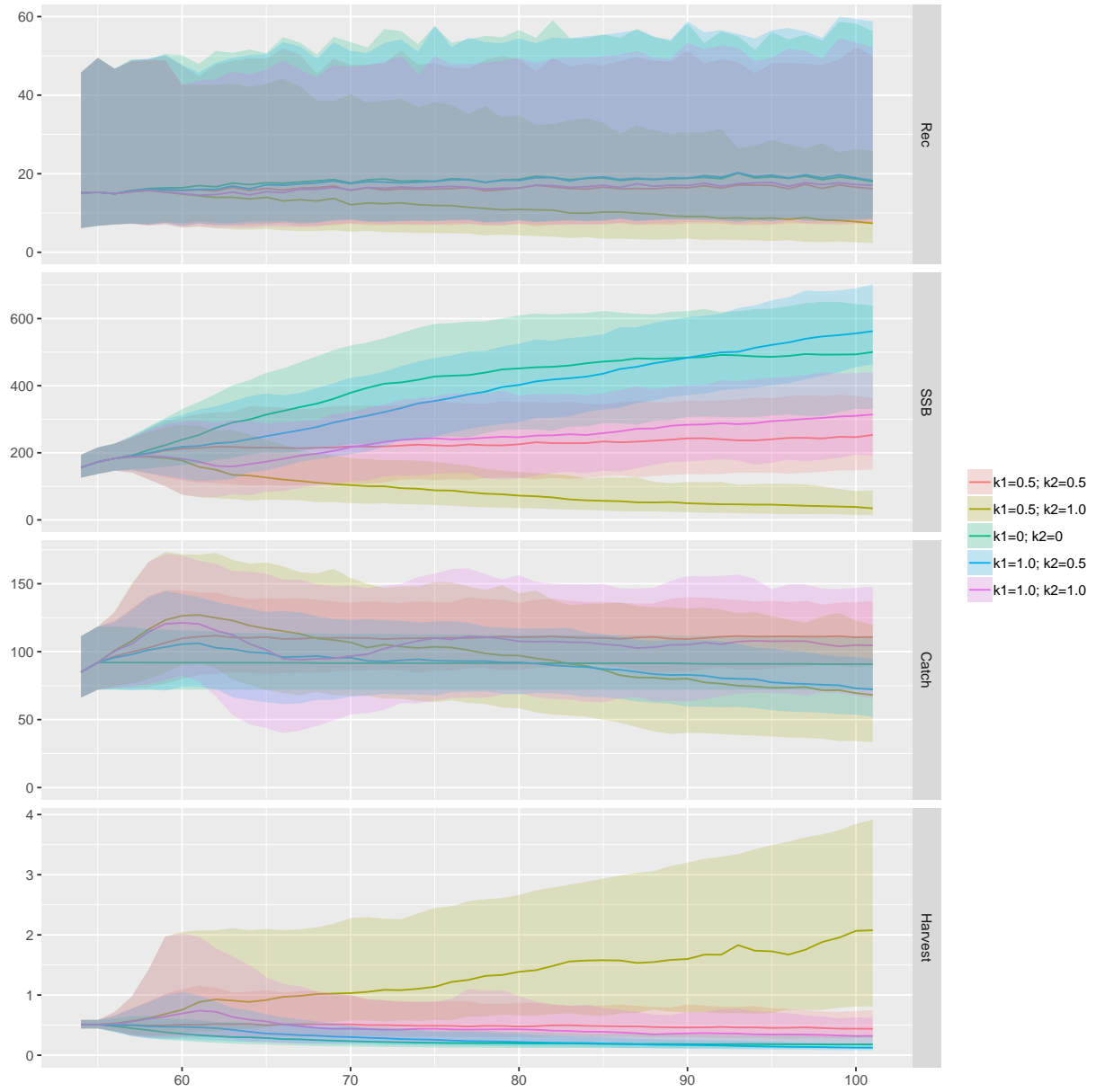
Razors

*L Kell*

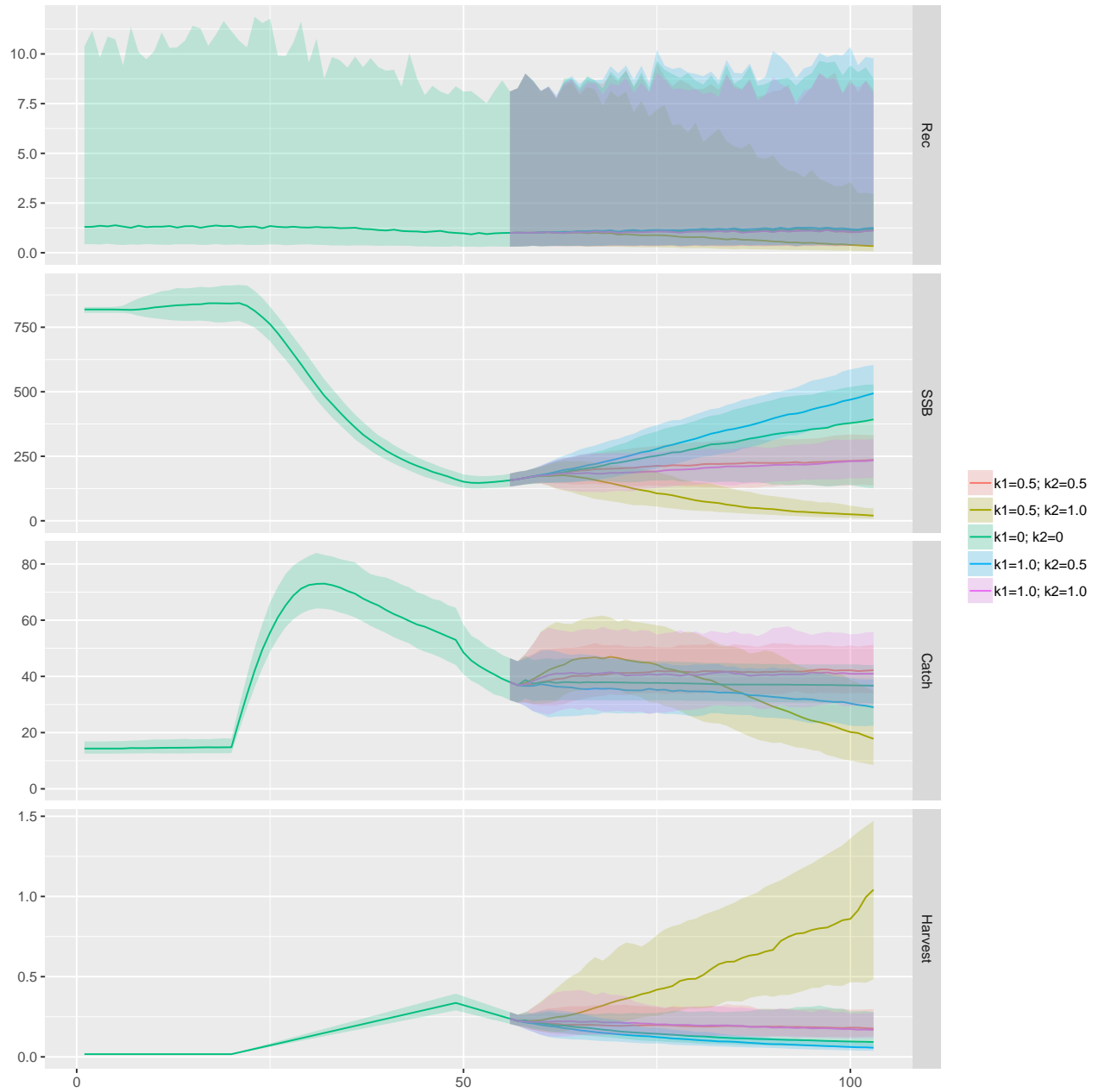
13 November, 2018



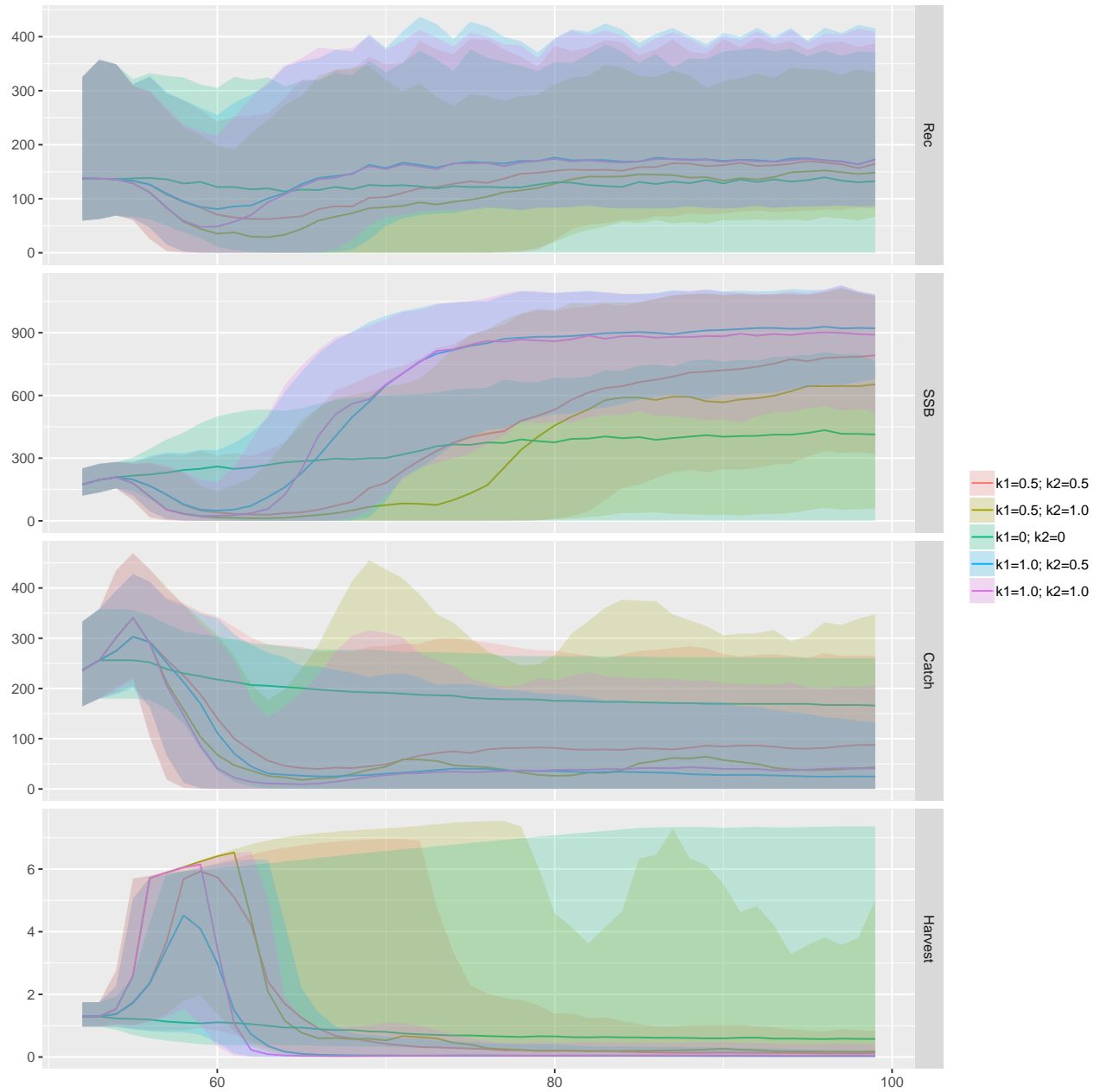
**Figure 1** Time series for brill of empirical HCR ran with different values of K1 & K2



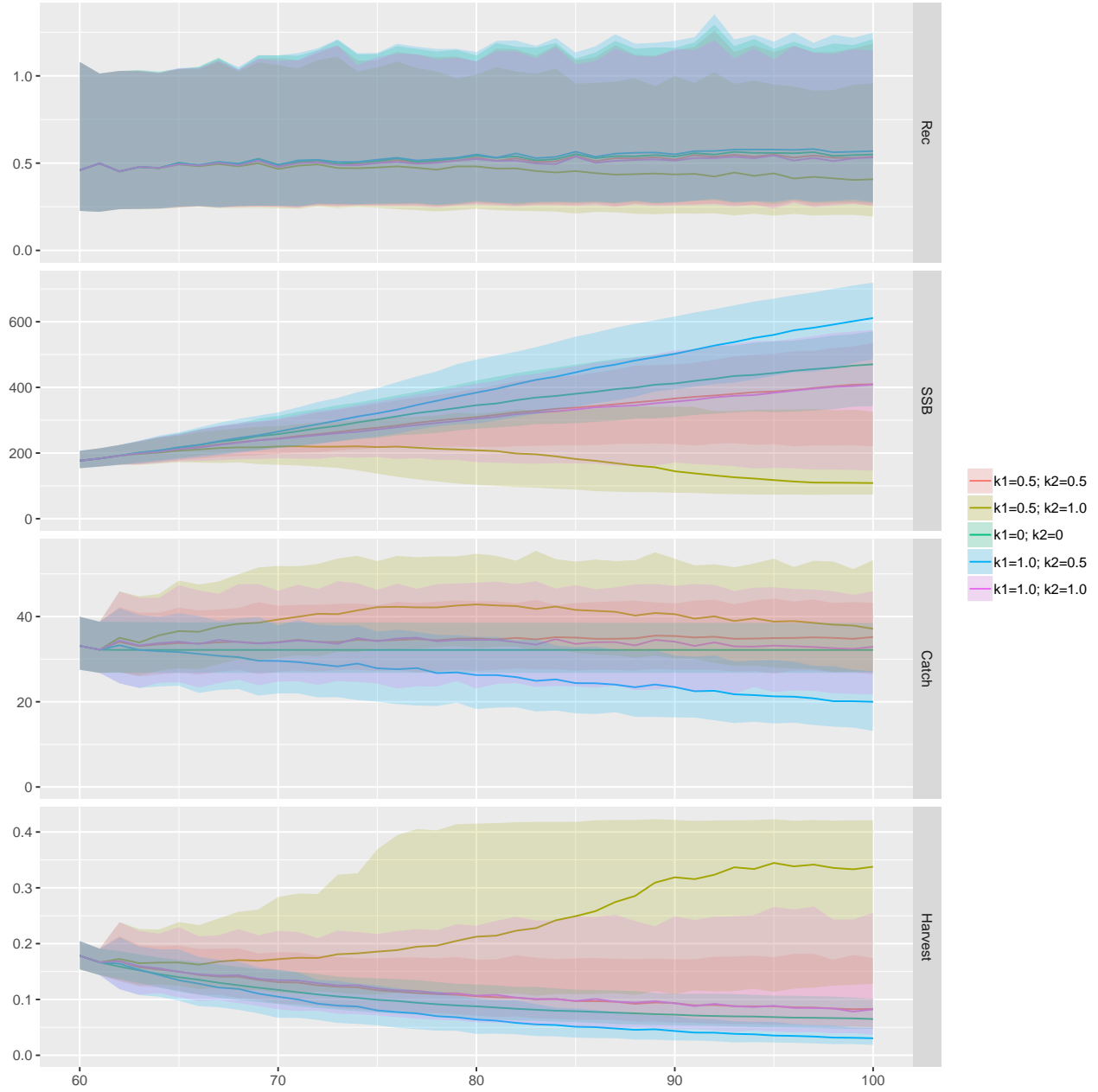
**Figure 2** Time series for turbot of empirical HCR ran with different values of  $K_1$  &  $K_2$



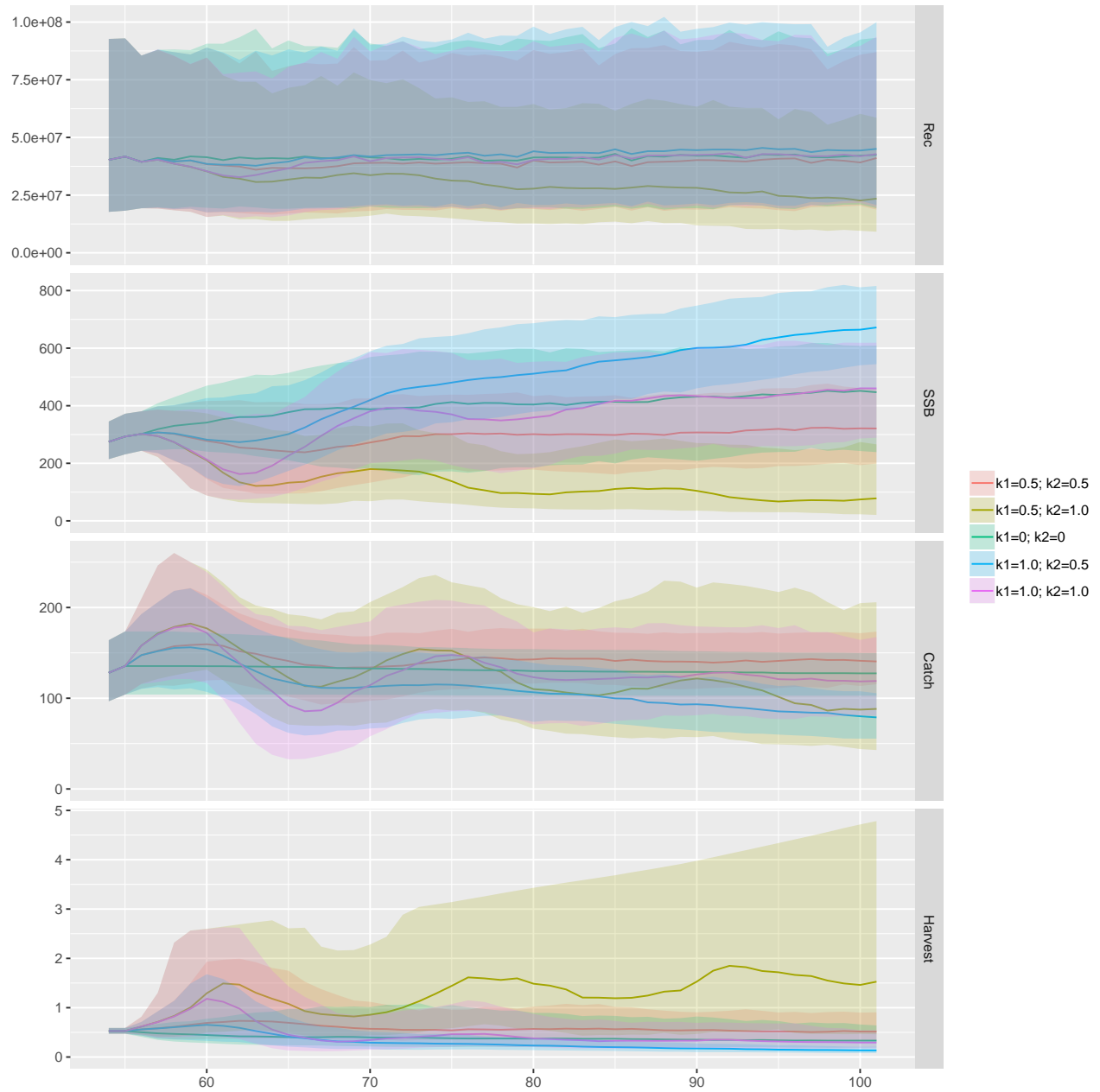
**Figure 3** Time series for pollack of empirical HCR ran with different values of K1 & K2



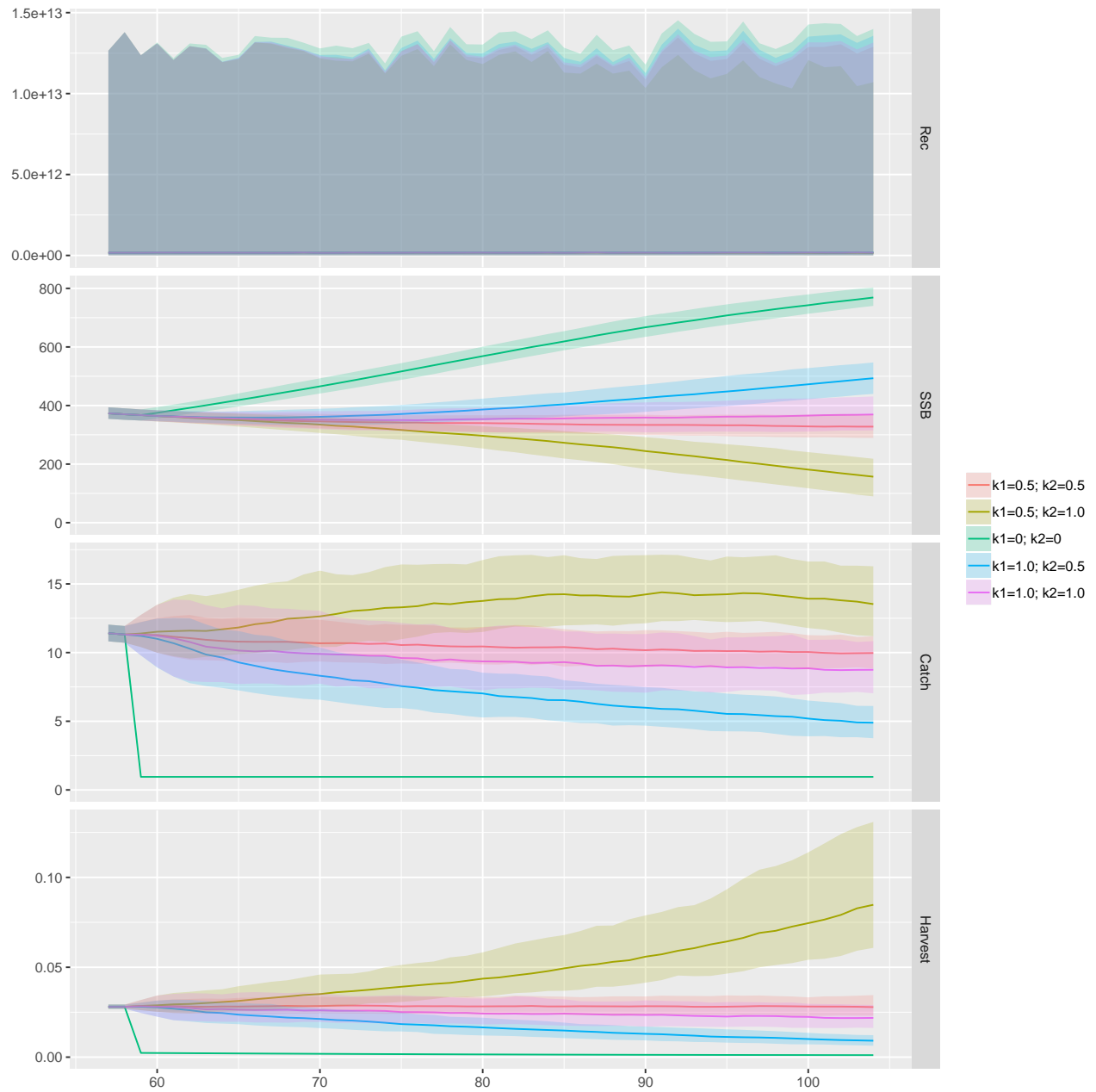
**Figure 4** Time series for sprat of empirical HCR ran with different values of  $K1$  &  $K2$



**Figure 5** Time series for ray of empirical HCR ran with different values of K1 & K2



**Figure 6** Time series for razor of empirical HCR ran with different values of K1 & K2



**Figure 7** Time series for lobster of empirical HCR ran with different values of  $K1$  &  $K2$

## Software Versions

- R version 3.4.4 (2018-03-15)
- FLCore: 2.6.9.9009
- FLBRP: 2.5.3.9001
- FLasher: 0.5.0.9001
- FLife: 3.2.1.9001
- ggplotFL: 2.6.4.9002
- **Compiled:** Tue Nov 13 11:31:52 2018

## Author information

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## References



## Session Info

R version 3.4.4 (2018-03-15)  
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

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[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] ggplotFL\_2.6.4.9002 FLCore\_2.6.9.9009 lattice\_0.20-35  
[4] plyr\_1.8.4 ggplot2\_3.0.0 knitr\_1.20

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[5] tools\_3.4.4 digest\_0.6.15 evaluate\_0.10.1 tibble\_1.4.2  
[9] gtable\_0.2.0 pkgconfig\_2.0.1 rlang\_0.2.2 Matrix\_1.2-10  
[13] yaml\_2.1.18 bindrcpp\_0.2.2 gridExtra\_2.3 withr\_2.1.2  
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