**Further outputs for a re-look at the “original” model fits for Area 5+6 and some further plots of combined resource estimates**

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Closer examination of the A5+6 fits to the CPUE data and F% data showed that this model fit was most likely not fully converged. Attempts have been made to reach convergence, and the new model fits for Area 5+6 are reported here, along with $B\_{75}^{m}$ trends for all five super-areas, and for the combined resource.

Figure 1: Fits to CPUE and F% (“n” refers to the new variant, and “o\*” refers to the updated original model variant.



Figure 2; Area 5+6 “o\*” population trends. The right panel is a 1980+ “zoom in”.



Figure 3a: $B\_{75}^{m}$ trends for all five super-areas and the combined resource for the 2010 updated assessments using the “original” model variant. The right panel is a 1980+ “zoom in”.



Figure 3b: $B\_{75}^{m}/K$ trends for all five super-areas and the combined resource for the 2010 updated assessments using the “original” model variant. The right panel is a 1980+ “zoom in”.



Figure 3c: Comparison of $B\_{75}^{m}$ and $B\_{75}^{m}/K$ trends for all five super-areas for the 2010 updated assessments using the “original” model variant. The right panel is a 1980+ “zoom in”.



Figure 4: Comparison between the “new” and “original” model variants combined $B\_{75}^{m}/K$ trends. The bottom plot is the 1980+ “zoom in”.



Figure 5: The combined $B\_{75}^{m}/K$ trend relative to the unexploited level (*K*). The green circle shows the intended biomass recovery target level for OMP 1997, and the red square shows the intended biomass recovery target for OMP 2007.

