

- Fixed some codes and changed some aesthetics
 - A lot more countries converged when using RWs for the hump component
 - sometimes in a few countries it still fails to converge, needed tweaks in the initial values
- Currently the RW for the parameters of the hump components initiate in 1960, i.e. prior variance increases over time, will attempt to fit it backwards or look for a more even variance
- Used WPP ${}_5q_0$ estimates instead of IGME estimates for all countries for consistency
 - WPP only has ${}_5q_0$ estimates for total sex on the website, sex-specific estimates currently using are derived from their sex-specific abridged life tables
 - WPP estimates are generally higher and smoother than the IGME estimates
 - use WPP only when IGME isn't complete?
 - use WPP only in years where IGME do not have estimates?
- Estimated ${}_{45}q_{15}$ are much lower than the GBD/WPP estimates in pre-DHS periods
- Currently fitting 5-9 up to the age group before oag, would try and see if I could include oag back to the likelihood
- Will try to center priors for the ρ 's at around 0.5 instead of 0
- Increase prior mode for log-population hypervariance / Allow higher variance at older ages?