



**Supplementary Figure S2** Simulated liver regeneration time following injury with 100% apoptosis as the mode of cell death for the alanine transaminase (ALT) simulated population (SimPops). The estimated recovery time (i.e. time to reach 95% viability) ranges from approximately 13 to 42 weeks for an injury of 13% hepatocyte loss (indicated by the dashed line). Predicted recovery times for equivalent hepatocellular losses are very similar for necrosis.