The IGBST will use the protocol described in this Appendix to annually estimate population size within the Demographic Monitoring Area (DMA), and then set mortality limits inside the DMA for the following year based on the sliding scale in Table 1. Methods used in this protocol are described in the Reassessing Methods Document (IGBST 2005), summarized in the Supplement to the Reassessing Methods Document (IGBST 2006), and revised in the Updated Demographics Rates Document (IGBST 2012). Any change in the methods described below, or adoption of an alternative population estimation method, would be considered a change to the Conservation Strategy and would be developed and/or evaluated by the IGBST, and revised through the Yellowstone Grizzly Bear Coordinating Committee process with the requirement that any proposed changes: 1) be based upon the best available science; and 2) go through public review before they are accepted, as per p. 99 of this Conservation Strategy. If a new method is accepted, it will be used in conjunction with the model-averaged Chao2 until a correlation or correction factor between the two methods can be determined. The new average population estimate and the lower and upper 95% confidence intervals that correspond to the model-averaged Chao2 population estimates would be inserted in Table 1 in the Conservation Strategy to reset the sliding scale of mortality limits to maintain the population at the average 2002–2014 population size. The new lower 95% confidence interval would replace the model-averaged Chao2 lower 95% as the level below which no discretionary mortality is allowed.