

**Table 6.** Capture probability estimates for maximum likelihood estimation (MLE) and Markov Chain Monte Carlo (MCMC) fitted models for dipper data with survival model Flood + weight and capture probability model sex + td

Model	Sex	<i>td</i>	Estimate	SE	LCL	UCL
MLE	Female	0	0.840	0.062	0.681	0.928
	Female	1	0.924	0.048	0.759	0.979
	Male	0	0.909	0.043	0.784	0.965
	Male	1	0.959	0.033	0.818	0.992
MCMC	Female	0	0.850	0.060	0.705	0.935
	Female	1	0.930	0.048	0.814	0.989
	Male	0	0.907	0.042	0.811	0.970
	Male	1	0.969	0.038	0.871	1.000

For MCMC model, estimate is the mode, SE is the standard deviation of the posterior and lower (LCL) and upper (UCL) confidence intervals are 95% highest posterior density interval.