## exNGT: summary of probabilities for the recent value to occur under the preindustrial distribution

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The following table lists probabilities for the recent NGT-2012 value to occur under the pre-indistrial distribution depending on different parameter combinations underlying the analysis. The source code for computing the probabilities is hidden here due to its length and can be viewed in the R markdown file corresponding to this document. The first five analysis variations listed in the table correspond to the histograms shown in the figure "supplement-histograms.pdf".

Table 1: Probability for the recent value to occur under the preindustrial distribution for different parameter combinations of creating and analysing the NGT-2012 stack. The meaning of the settings named "default" are: Pre-industrial period = 1000 - 1800 CE, Recent period = 2001 - 2011 CE, Filter window = 11 yr.

Method	Variant	Pre-industrial period	Recent period	Filter window	Probability
main		default	default	default	1.82e-05
main	forward diffused	default	default	default	2.08e-05
main	frozen $(N = 5)$	default	default	default	2.56e-05
simple		default	default	default	2.17e-05
simple	forward diffused	default	default	default	2.44e-05
main	non-adjusted mean	default	default	default	2.17e-05
main		default	default	3	2.58e-07
main		default	default	5	7.34e-06
main		default	default	7	2.24e-04
main		default	default	9	4.15e-04
main		default	default	15	2.21e-06
main		default	default	21	1.51e-04
main		1000 - 1850	default	default	1.83e-05
main	merge at start	1000 - 1900	default	default	2.96e-05
main	merge at end	1000 - 1900	default	default	2.98e-05
main		default	2000 - 2010	default	1.45 e - 05
main		default	1999 - 2009	default	5.60 e-05
main		default	1998 - 2008	default	8.50 e-05
main		default	1997 - 2007	default	2.25 e-04
main		default	1996 - 2006	default	7.51e-04