

Table S2. Overview of variables used in the analyses

Dependent Variables	Independent Variables	Environmental Factors	Risk-Related Variables	Expedition Characteristics	Country Characteristics ^b	Other Cultural Values
Total summits	Hierarchy Composite (Schwartz)	Region	Standard route dummy	Average age	Gini	Mastery (Schwartz)
Total deaths	Power Distance (Hofstede)	Season	Illegal expedition (1=yes, 0=no; summit models only) ^a	Total people on expedition	GDP per capita (log)	Harmony (Schwartz)
	Combined (Schwartz and Hofstede)	Year	Terminated because too risky (1=yes, 0=no; death models only)	Number of hired sherpas	Population (log)	Embeddedness Index (Schwartz)
				Number of hired non-sherpas	Climatic Demands Index	Individualism (IDV; Hofstede)
				Unique expedition roles	Mean Elevation Native Country	Masculinity (MAS; Hofstede)
				Leader experience	Mean years of schooling (adults) ^c	Uncertainty Avoidance (UAI; Hofstede)
				Average climber experience	Industrial Performance Index ^d	
				Standard Deviation of Climber Experience	Democracy Index ^e	
				Total camp sites		
				Number using oxygen		
				Total women		
				Peak height (log)		
				High point reached (log; death models only)		
				Total summits (death models only)		

^aThere was no variance in the illegal dummy variable for deaths on group expeditions (i.e. all deaths occurred on legal expeditions) so this variable was excluded from death models.

^b Values from the earliest available year of all country characteristics were used for expeditions that occurred before the earliest available year.

^c Data was available for the following years: 1980, 1985, 1990, 2000, 2005, 2006, 2007, 2008, 2009, 2010, 2011, and 2012. The 1980 values were used for all expeditions that occurred before 1980 through 1982. The 1985 values were used for expeditions that occurred between 1983 and 1987. The 1990 values were used for expeditions that occurred between 1988 and 1994. The 2000 values were used for expeditions that occurred between 1995 and 2002. The 2005 values were used for expeditions that occurred between 2003 and 2005 (data source: <http://hdr.undp.org/en/content/mean-years-schooling-adults-years>).

^d Data was available for the following years: 1990, 1995, 2000, 2005, 2006, 2007, 2008, 2009, and 2010. The 1990 values were used for all expeditions that occurred before 1990 through 1992. The 1995 values were used for expeditions that occurred between 1993 and 1997. The 2000 values were used for expeditions that occurred between 1998 and 2002. The 2005 values were used for expeditions that occurred between 2003 and 2005 (data source: <http://www.unido.org/data1/Statistics/Research/cip.html>).

^e Data was available for the following years: 2006, 2008, 2010, 2011, and 2012. The 2006 values were used for expeditions that occurred in 2006 or earlier. The 2008 values were used for expeditions that occurred in 2007 and 2008. The 2010 values were used for expeditions that occurred in 2009 and 2010 (data source: https://portonev.gov.cv/dhub/porton.por_global.open_file?p_doc_id=1034).