**Electronic Appendix 5: Extended Versions of Frequency Ratio Tables**

The following tables represent extended versions of the frequency tables in Sect. 5.2. They detail information on the spatial extent of and debris flow counts for the respective factor categories used for computing the frequency ratios. Frequency ratios were calculated separately for debris flow types (SIT ... slide-initiated debris flows, RIT … runoff-generated debris flows, COMB … slide-related debris flows) and activity count (DF general … debris flow inventory, DF events … active systems (≥ 1 events), > 1 … multiple event systems). The green colouring highlights ratios greater than 1, with light green marking ratios of 1 to < 2, grass green 2 to < 3, and dark green ≥ 3.













