

Table S1. Mean values of morphometric parameters of river basins on the opposite sides of MDD.

Parameter	Range-scale (see Fig. 7A)		Incised into the MDD (see Fig. 7B)		Within massifs (see Fig. 7B)									
					I		II		III		IV		V	
	NE	SW	NE	SW	NE	SW	NE	SW	NE	SW	NE	SW	NE	SW
Hypsometric integral	0.345	0.447	0.498	0.488	0.466	0.457	0.505	0.460	0.535	0.457	0.403	0.436	0.539	0.646
Mean slope	9.2	11.4	13.1	12.2	15.4	13.9	14.7	13.3	12.3	10.5	14.1	14.4	6.1	8.6
Slopes > 20° [%]	9.9	13.7	18.7	16.2	23.0	17.8	24.1	18.0	16.3	11.4	19.1	22.9	3.7	9.8
Slopes > 20° within buffer zones [%]	10.9	12.9	16.7	13.1	24.1	24.0	21.6	6.2	14.6	9.3	15.1	18.3	1.0	1.0
Basin compactness	0.001	0.003	0.004	0.003	0.005	0.005	0.003	0.001	0.006	0.003	0.001	0.002	0.002	0.002
Basin circularity	0.207	0.268	0.339	0.292	0.378	0.329	0.335	0.280	0.349	0.256	0.330	0.322	0.284	0.256