



FIGURE 5 Gully topographic thresholds, the relationship between the slope at the gully head (s) and the upslope drainage area (a) at 1957, 1972, and 2005. For the Rift margin and Valley bottom main gullies, 62 (19 for 1957, 7 for 1972, and 36 for 2005) and 39 (15 for 1957, 13 for 1972, and 11 for 2005) points (cross-sections) were selected, respectively. Outliers (2 data for the Rift margin and 3 data for the Valley bottom) were rounded by red solid lines