



**Figure 3. Genetic affinity between domestic goat populations.**

**(a)** Allele sharing between modern goats and Neolithic groups around the Fertile Crescent. A positive D statistic indicates higher level of allele sharing between Neolithic Levant goats and modern goat populations. Standard errors are shown with bars. Statistics with a  $|Z| < 3$  are present with unfilled symbols. **(b)** Outgroup  $f_3$  statistics for the shared genetic history between different ancient samples from Iran and Levant groups. Higher  $f_3$  values represent a closer genetic affinity of Iranian goats with Levant samples.