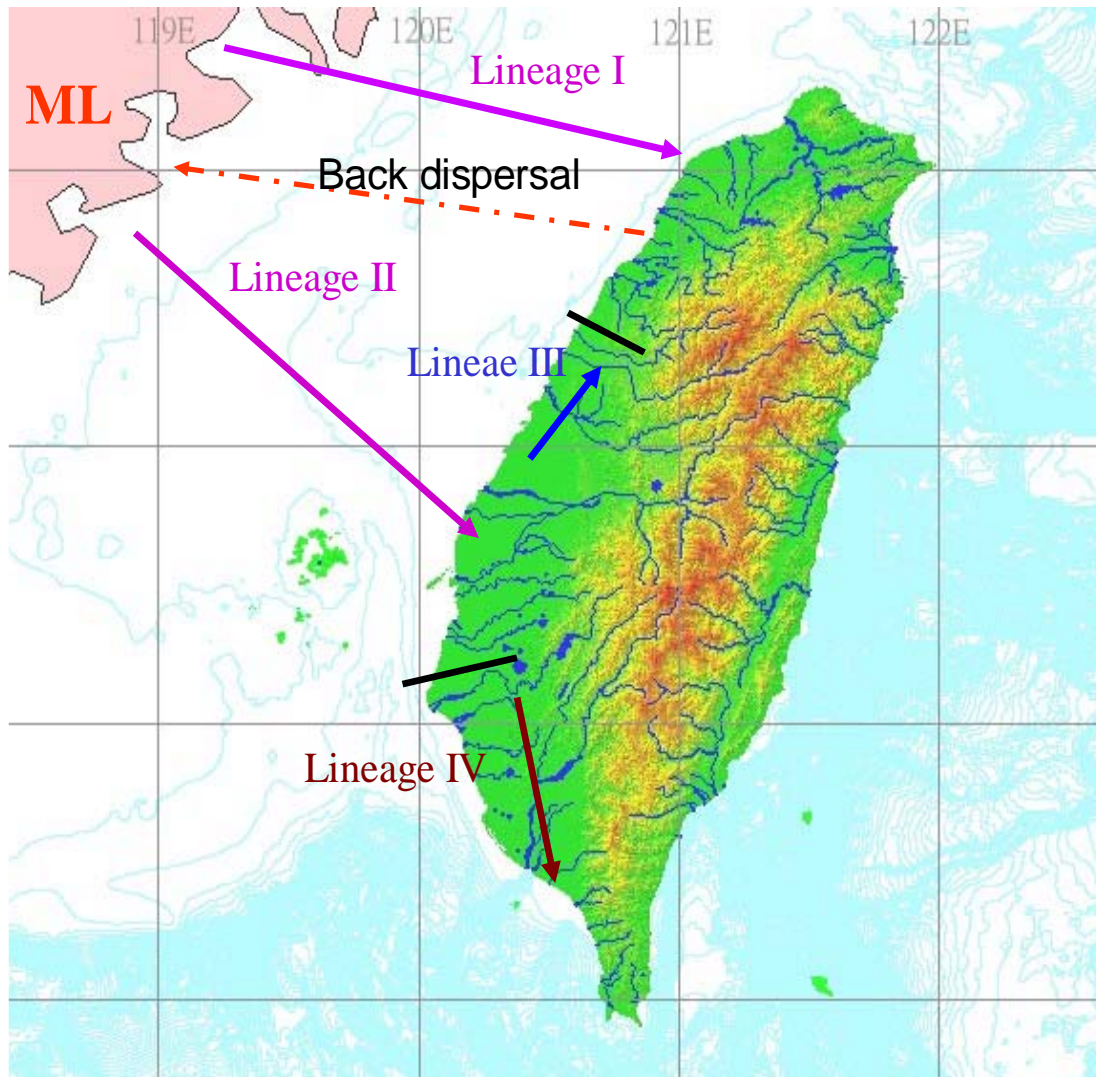


**Fig. 10.** Mismatch distribution of pairwise differences among mtDNA haplotypes for the four phylogenetical lineages. (a) Lineage I; (b) lineage II; (c) lineage III; (d) lineage IV. The observed frequency is represented by dotted line. The frequency expected under the hypothesis of population expansion model is depicted by continuous line.



**Fig. 11.** Two incursive colonization scenarios from China, one route dispersed to northern Taiwan (lineage I), another dispersal route was through the west-central region, (lineage II), then northward and southward dispersal into lineages III and IV, respectively. The population of the Mulan River was suggested a back dispersal from Taiwan to China.