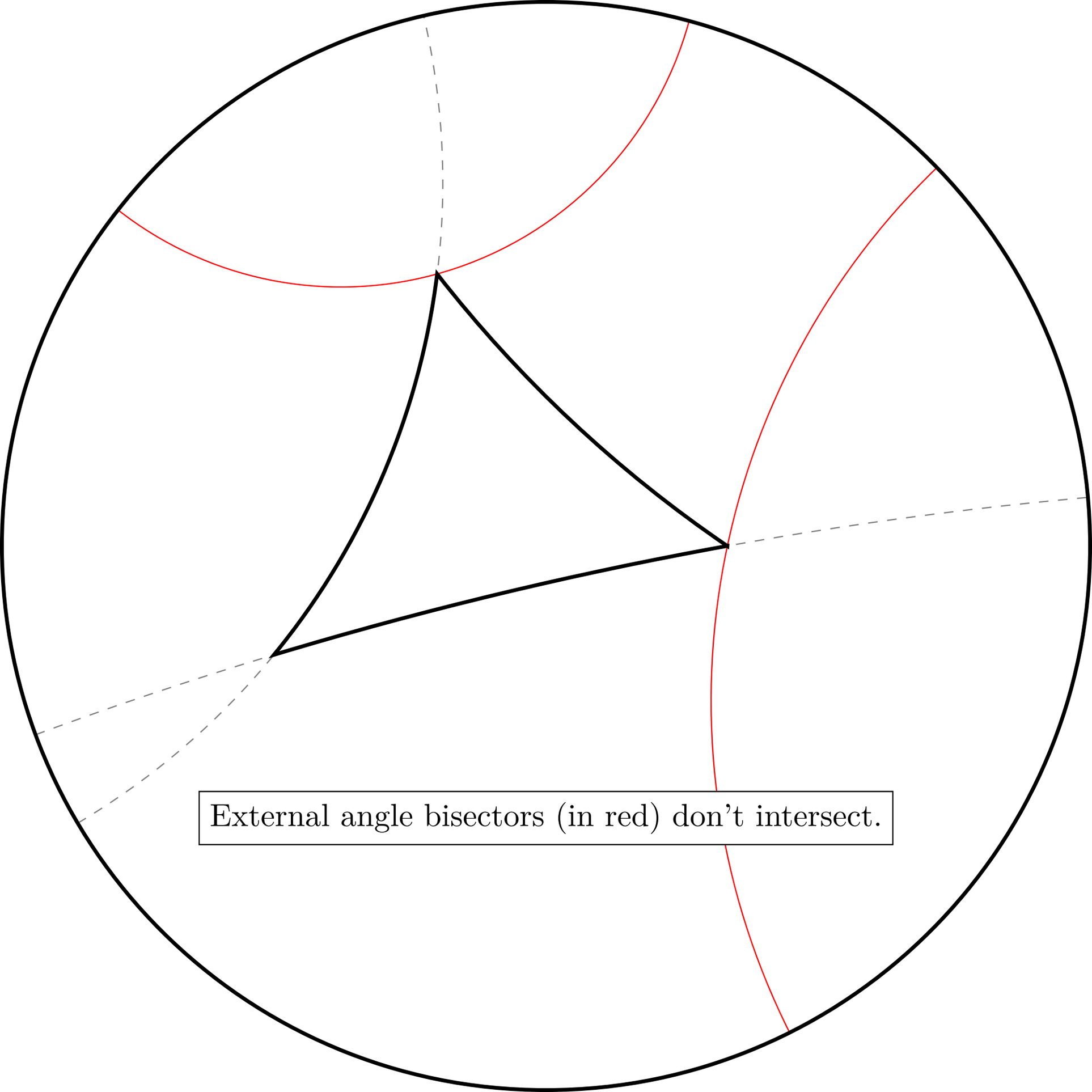

External angle bisectors (in red) don’t intersect.