

**TABLE 5** Variation in the NDVI in the Jinqian River watershed from 1990 to 2014.

Rate of NDVI change	Significance level	Trend of vegetation change	Area percentage (%)
$\geq 0.0005$	$P < 0.05$	Significant improvement	30.19
$\geq 0.0005$	$P > 0.05$	Slight improvement	52.83
-0.0005-0.0005	$P > 0.05$	Stability	13.21
$\leq -0.0005$	$P > 0.05$	Slight degradation	1.89
$\leq -0.0005$	$P < 0.05$	Severe degradation	1.89