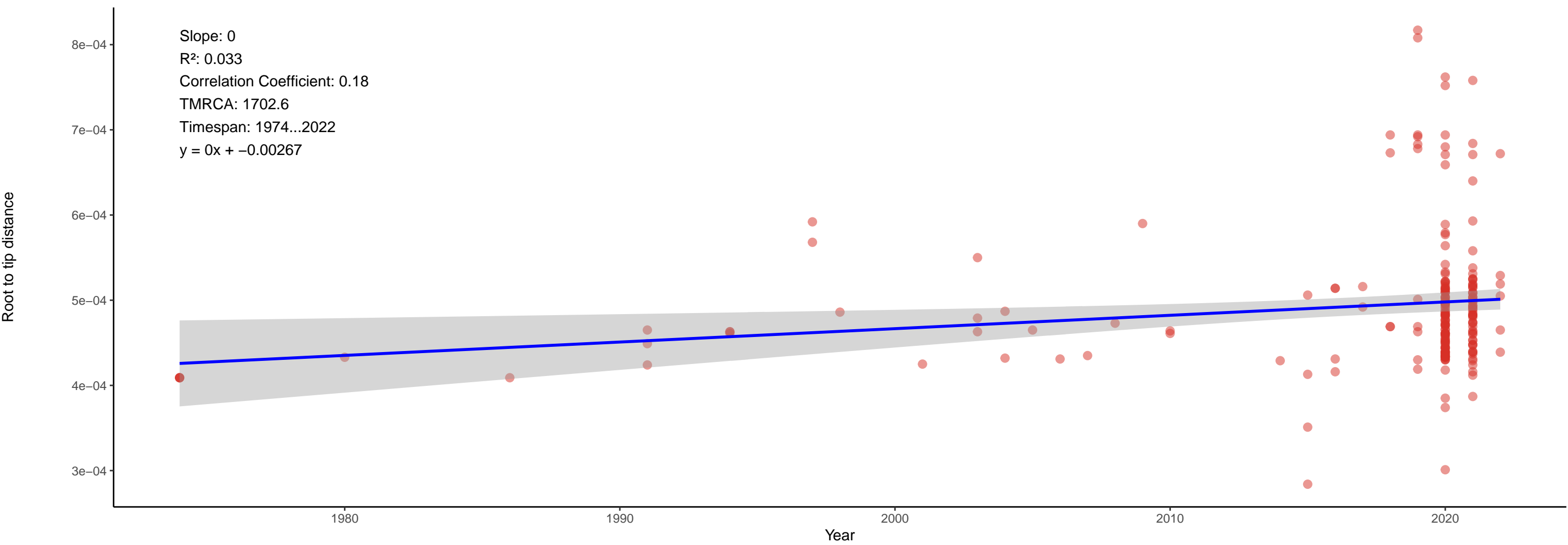


A.Root to tip distance plot to evaluate temporal signal



Model: Constant

Parameter	popsize	ucldMean	Tree_height	Likelihood	Posterior
	88	71	86	17195	88
	112	97	139	42	57
	126	98	144	21	39
	↖	↗	↘		
	Replicate				

ESS Status Constant_Good Constant_Low

Model: Skyline

Parameter	popsize	ucldMean	Tree_height	Likelihood	Posterior
	412	155	491	13	14
	234	161	1198	16	17
	375	48	83	11158	70
	↖	↗	↘		
	Replicate				

ESS Status Skyline_Good Skyline_Low

Model: Exponential

Parameter	popsize	ucldMean	Tree_height	Likelihood	Posterior
	159	96	139	14583	105
	84	45	59	9937	54
	171	69	107	11538	86
	↖	↗	↘		
	Replicate				

ESS Status Exponential_Good Exponential_Low