

Table 2: Optimized selected parameters: infiltration-runoff (REFKDT), retention (RETDEPRTFAC), overland flow roughness (OVROUGHRT), and the Manning's roughness coefficients (MANN) over Savè catchment

Parameter	KGE	NSE	Corr
REFKDT = 6.5	0.55	0.45	0.60
RETDEPRTFAC =3	0.58	0.43	0.63
SLOPE = 0.2	0.60	0.38	0.65
OVROUGHRTFAC=0.2	0.60	0.40	0.65
MannN	0.63	0.43	0.67