(a) null interval
variance = 0.5

test interval
variance = 1.9

critical year

(b)

interval
null
test

area under the curve: 1

(c)

Agadez   Maradi   Niamey   Zinder

variance
skewness
mean
kurtosis
index of dis.
coeff. var.
autocovar.
autocorr.

AUC
1.00
0.75
0.50
0.25
0.00

proportion of mean susceptibles