(a) reported cases vs simulation time (year)

null interval
variance = 3768

test interval
variance = 1723

start of vaccination campaign

coverage reaches herd immunity

(b) density vs log(variance + 1)

interval
null
test

area under the curve: 0.03

(c)

Agadez   Maradi   Niamey   Zinder

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

rate to full vaccine coverage ($\times 10^4$)

AUC
1.00
0.75
0.50
0.25
0.00