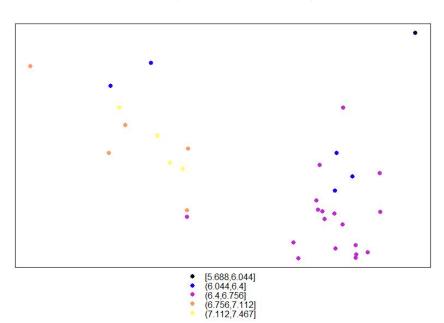
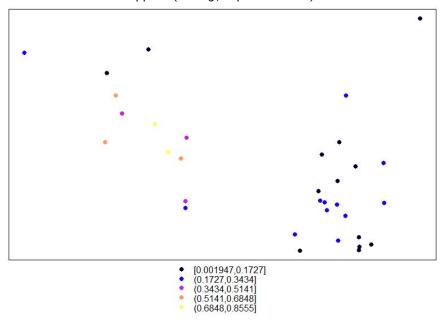
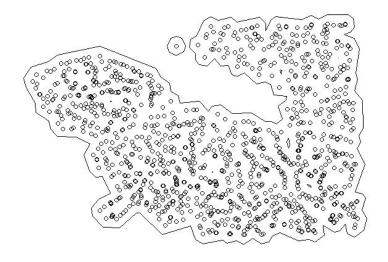
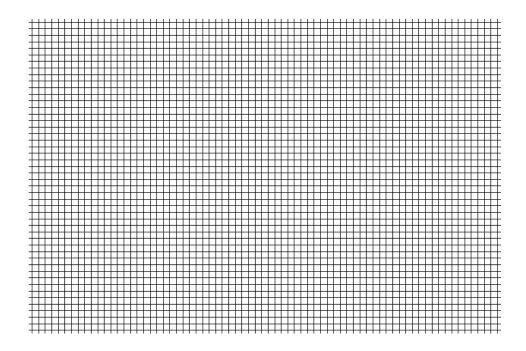
## Sprawozdanie Geostatystyka ćw 10 Estymacje jednozmienne. Kriging. Natalia Gadocha 304165 Geoinformatyka II

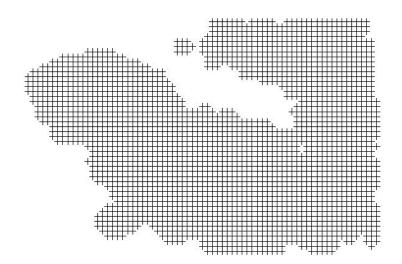


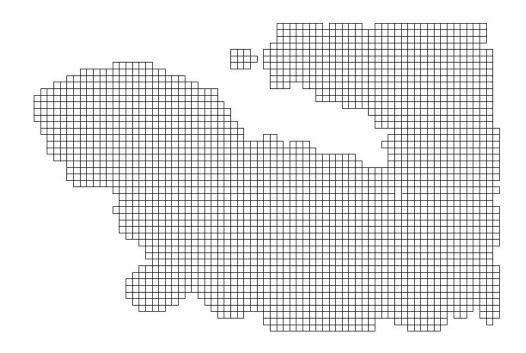


points(ca\_geo)
 geoB

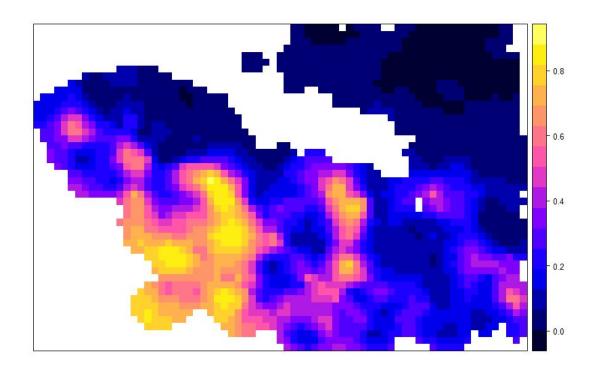






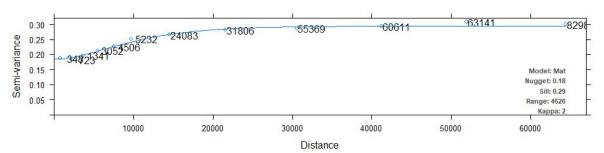


spplot(pHgrid, zcol = "pAlkaline")



## Kriging prediction Kriging standard error [5.692,5.939] [0.4498,0.4526] (5.939,6.185] (0.4526,0.4554] (6.185,6.431] (0.4524,0.4582] (6.431,6.677] (0.4582,0.4609] (6.677,6.924] (0.4609,0.4637] (6.924,7.17] (0.4637,0.4665] (7.17,7.416] (0.4665,0.4693]

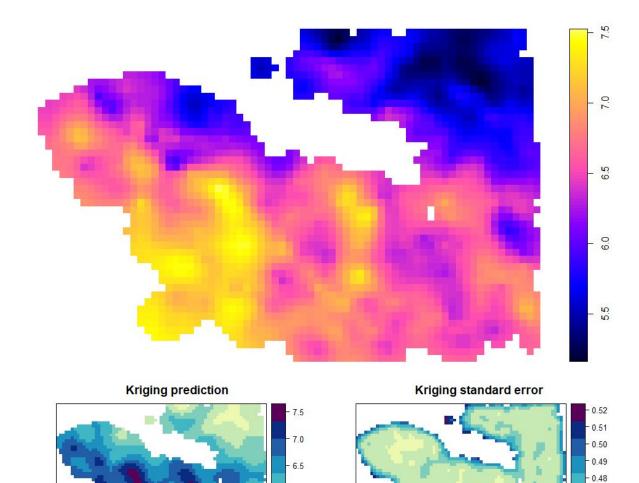
## Experimental variogram and fitted variogram model

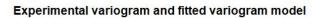


 $ph\_auto\_grid <- autoKrige(pH \sim x + y, input\_data = ca\_geo[!miss,], spgrid)$   $plot(ph\_grid)$ 

ph\_auto <- autoKrige(pH  $\sim$  x + y, input\_data = ca\_geo[!miss, ], new\_data = ca\_geo[miss, ], "Mat")

plot(ph\_auto)
plot(ph\_auto\_grid)





0.47

0.45

6.0

5.5

