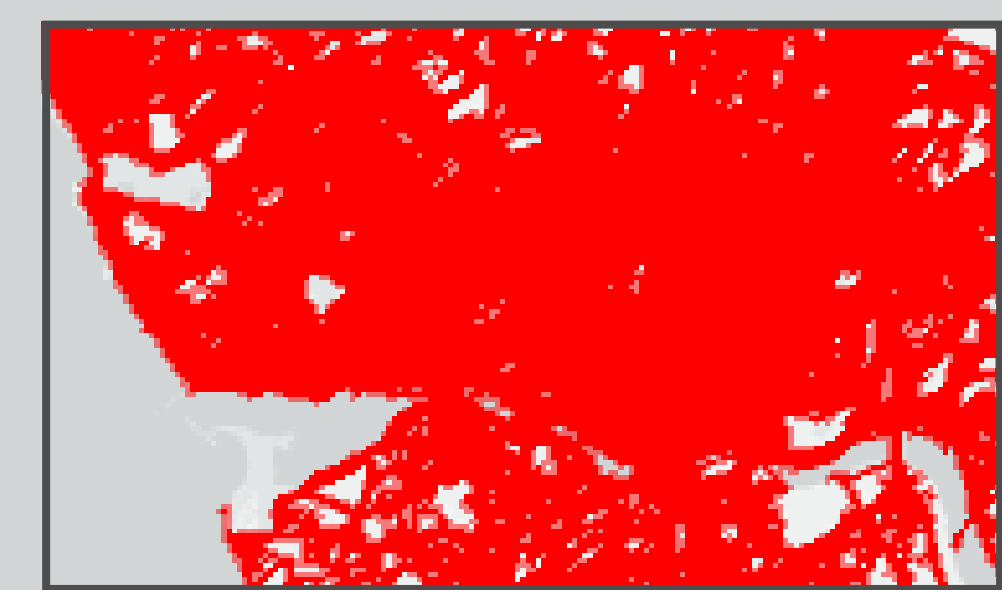


A



A₁

Cities

Level 11
Whole dataset

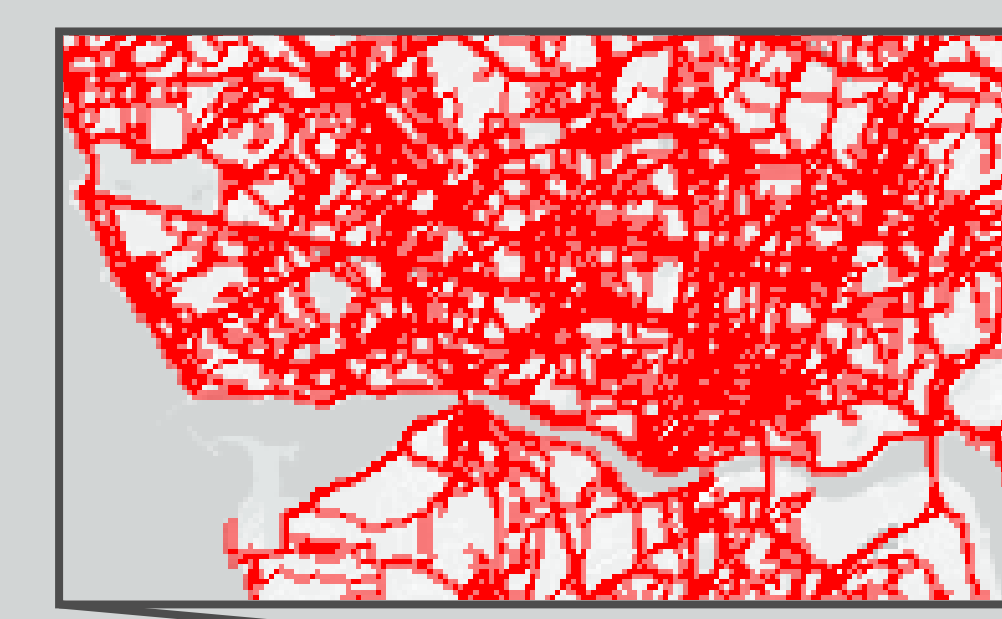
B

Level 11
Uniform Random
Sampling rate = 0.001

C

Level 11
Uniform Random
Sampling rate = 0.01

D

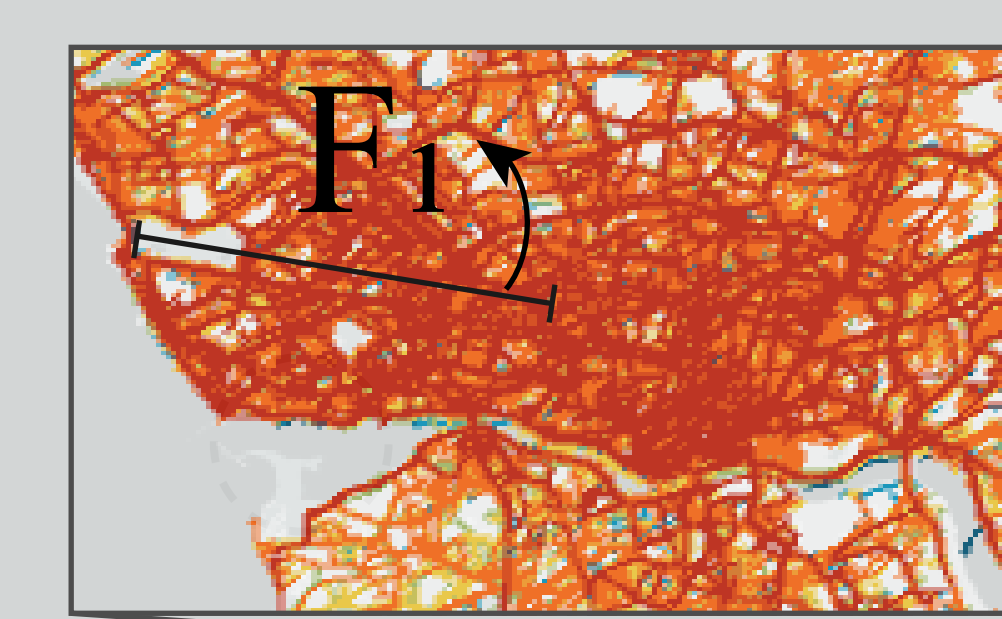


Level 11
VQGTS⁺ ($\delta=64$)
Sampling rate = 0.001

E

Level 11
VQGTS⁺ ($\delta=64$)
Sampling rate = 0.01

F



Level 11
VQGTS⁺ ($\delta=64$, CE)
Sampling rate = 0.01

G

Level 15
Whole dataset

H

Level 15
Uniform Random
Sampling rate = 0.01

I

Level 15
VQGTS⁺ ($\delta=64$, CE)
Sampling rate = 0.01