Aalto University
School of Science
and Technology

Social Map Annotation

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Getting the data

```
"loc" : { "type" : "Point",
          "coordinates" : [-122.39094, 37.7777]}
"taken" : ISODate("2013-02-03T15:59:49Z")
"uid" : "37996593020@N01"
"tags" : ["geotagged",
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"title" : "Champions"
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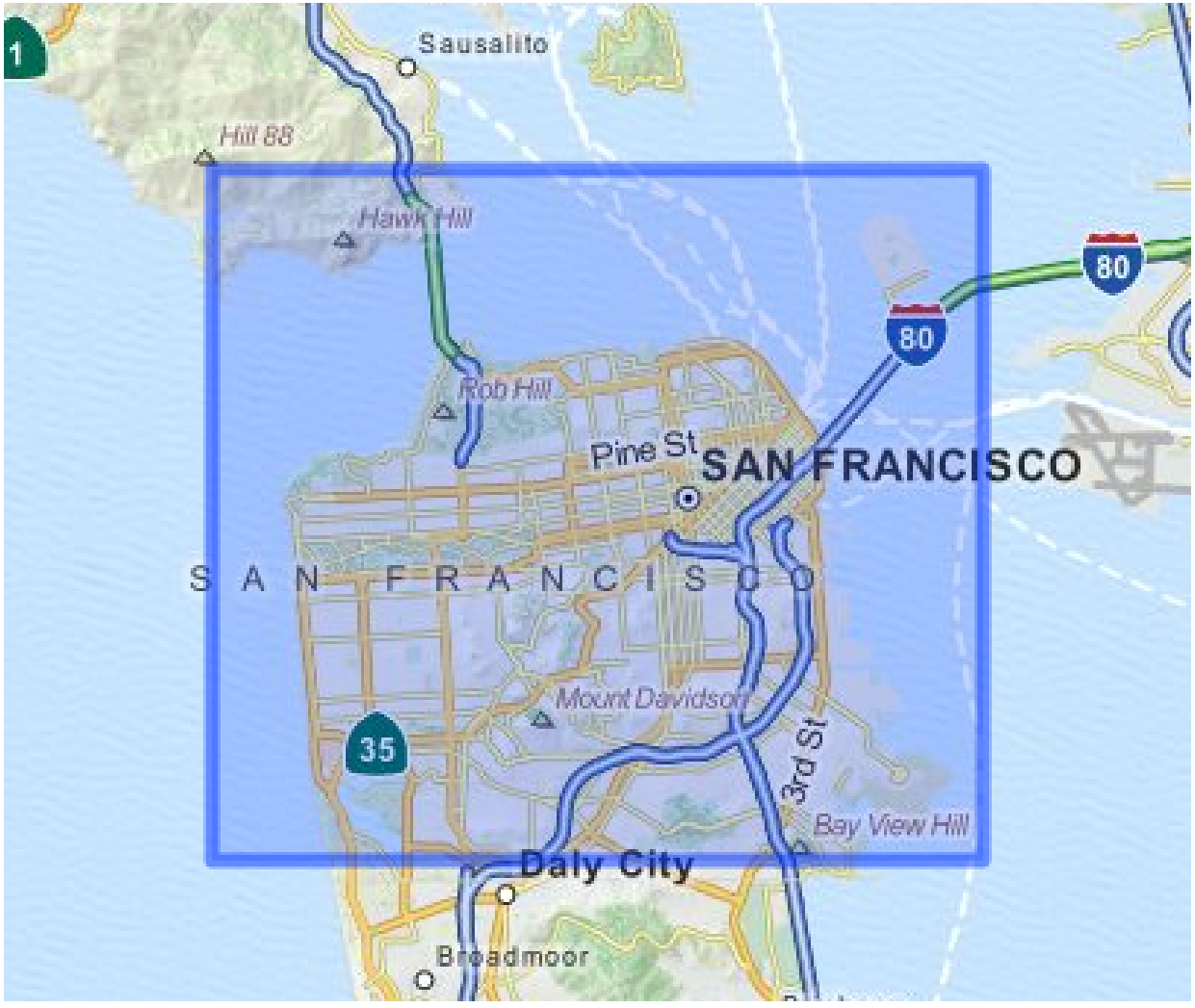
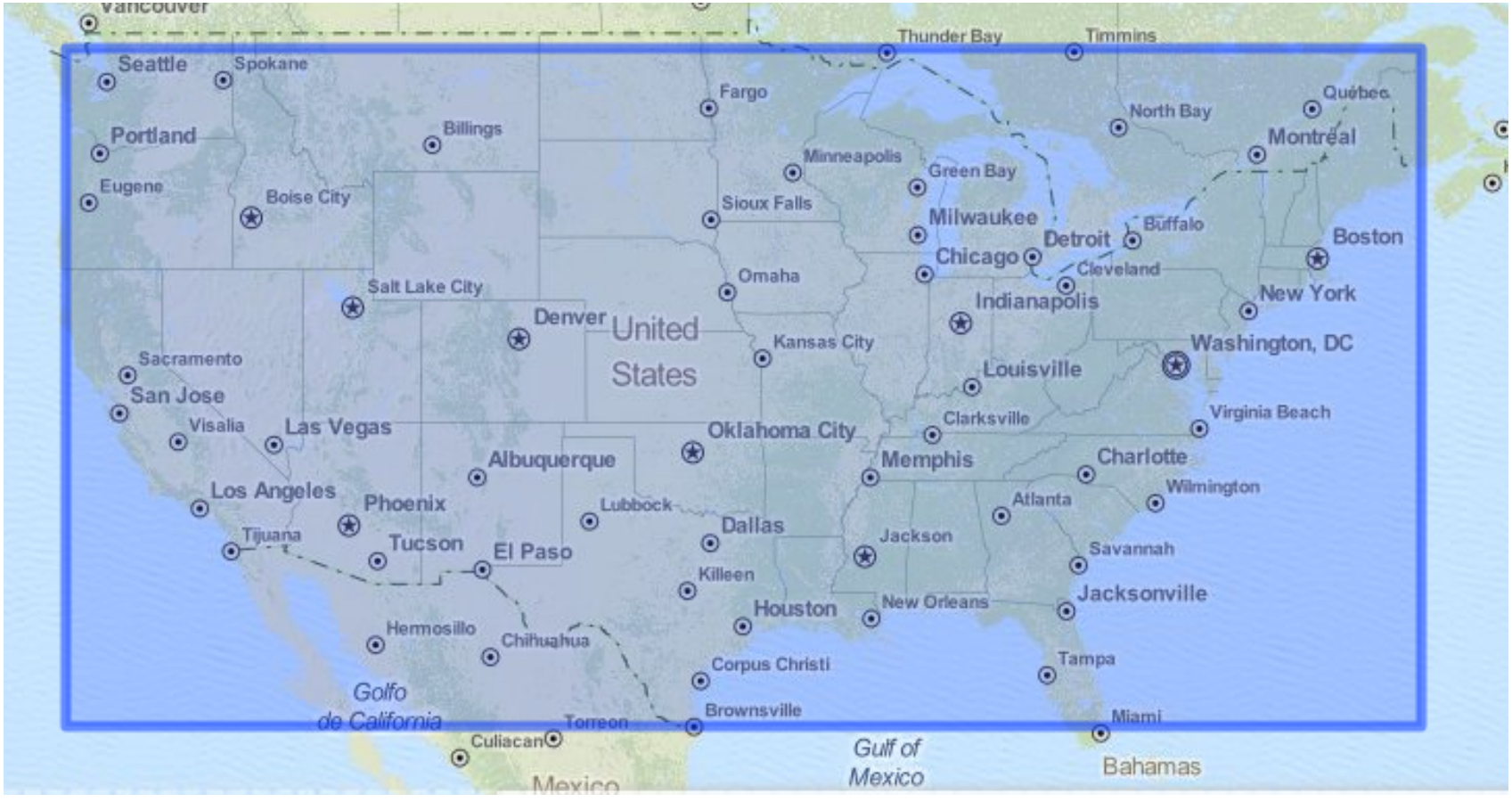


San Francisco: 780K photos since 2008-01-01 in 19 hours

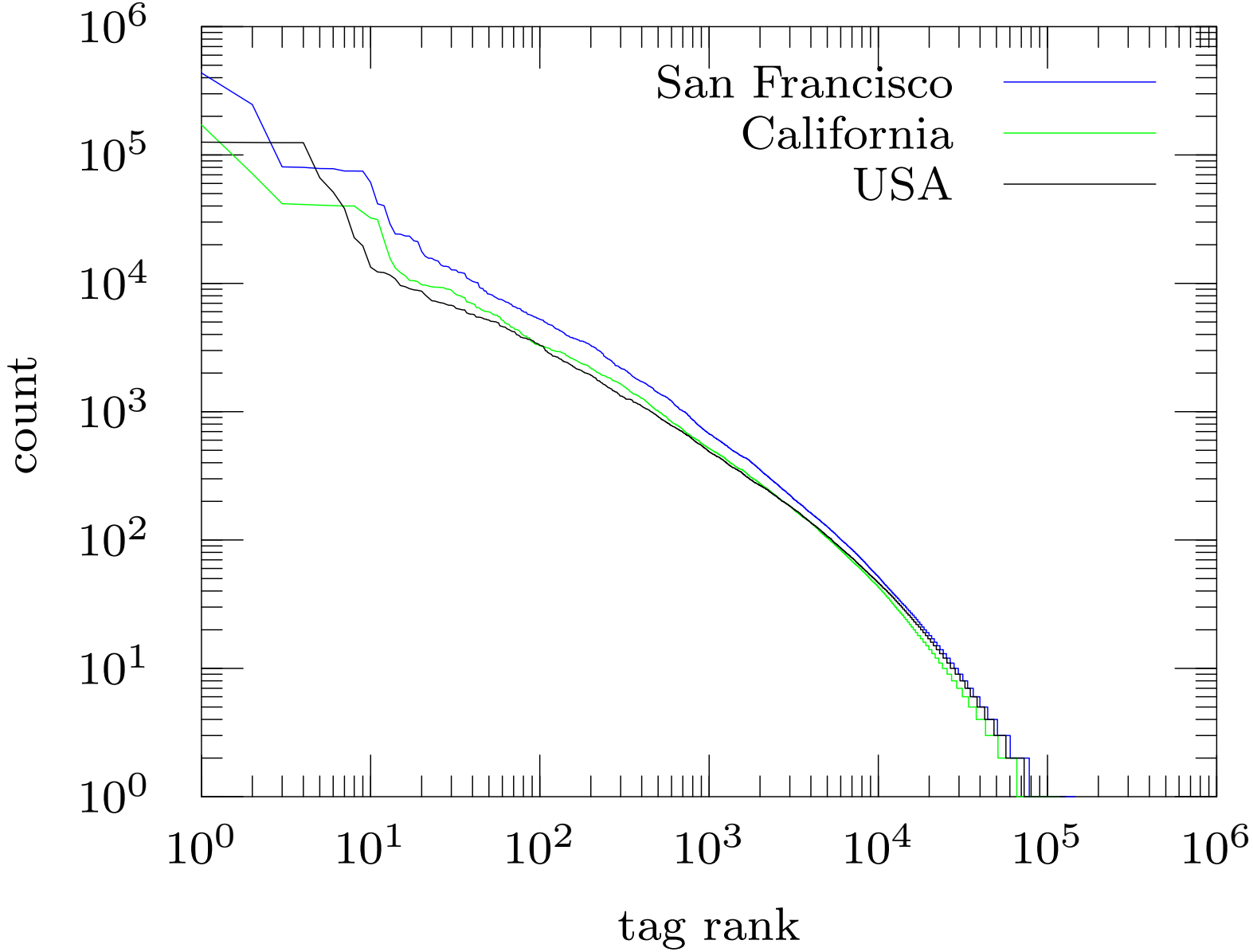
Upper California: 594K photos since 2008-01-01 in 12 hours



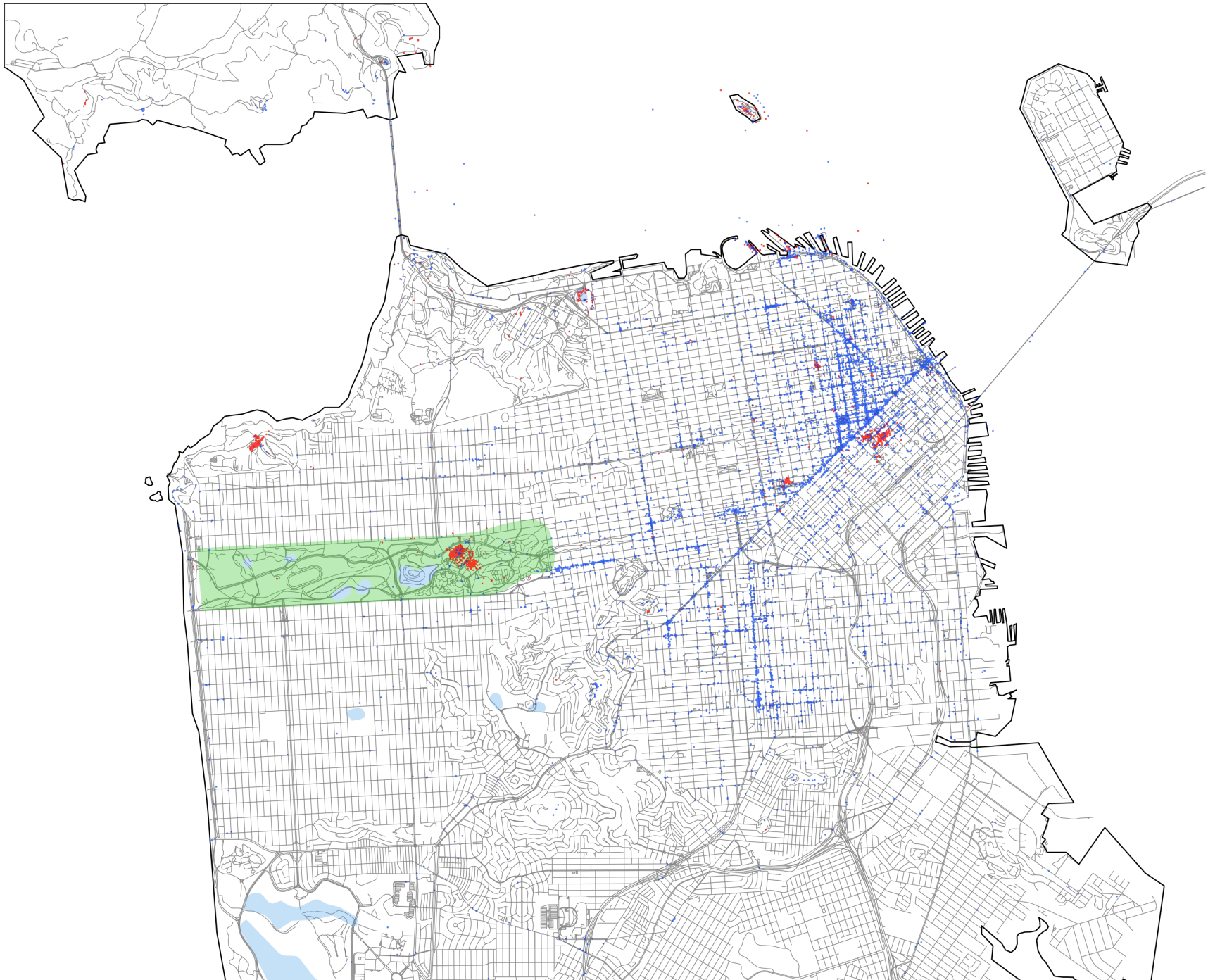
United States: 436K photos since 2013-06-15 in 18 hours

Exploration phase

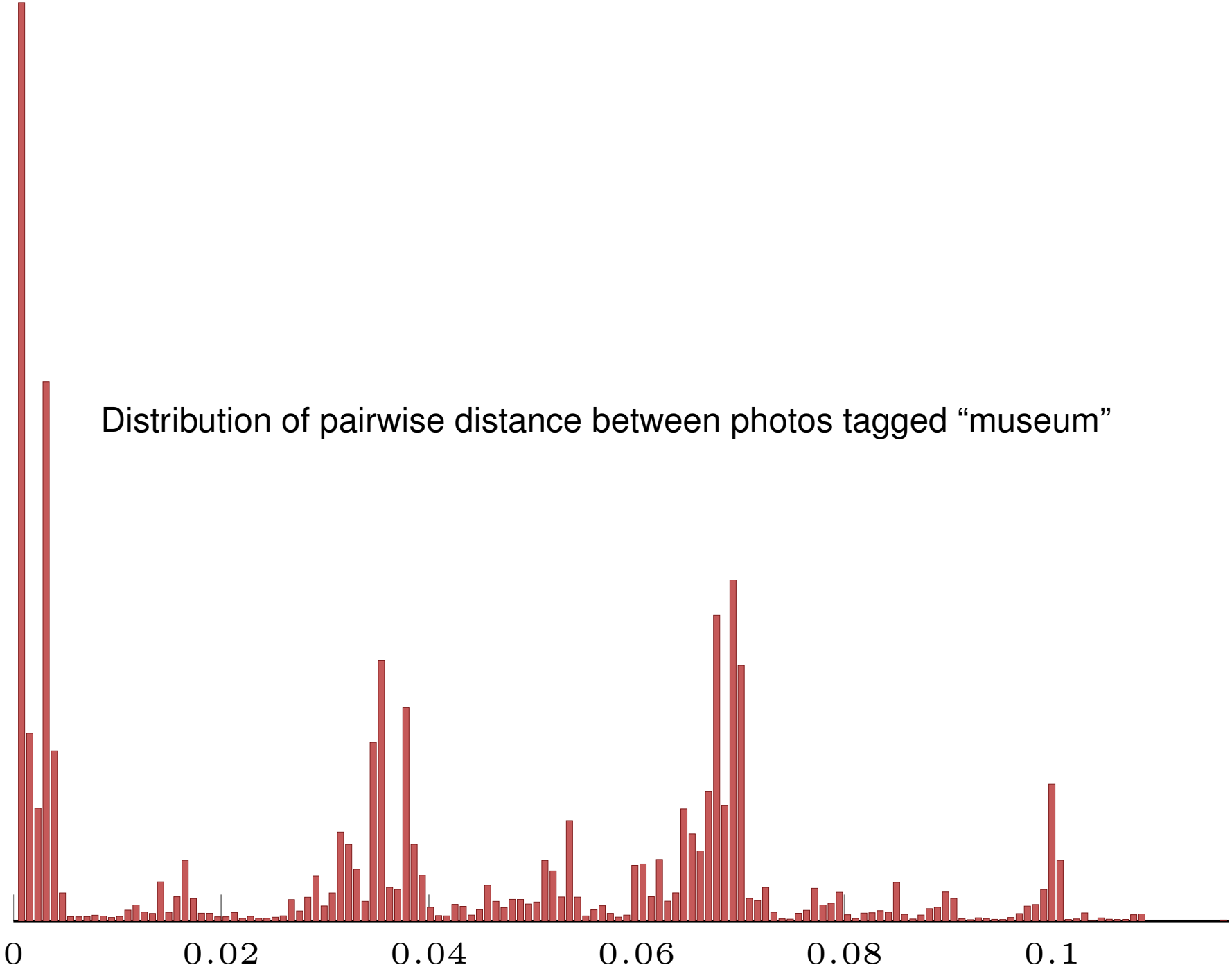
Zipf's law holds:

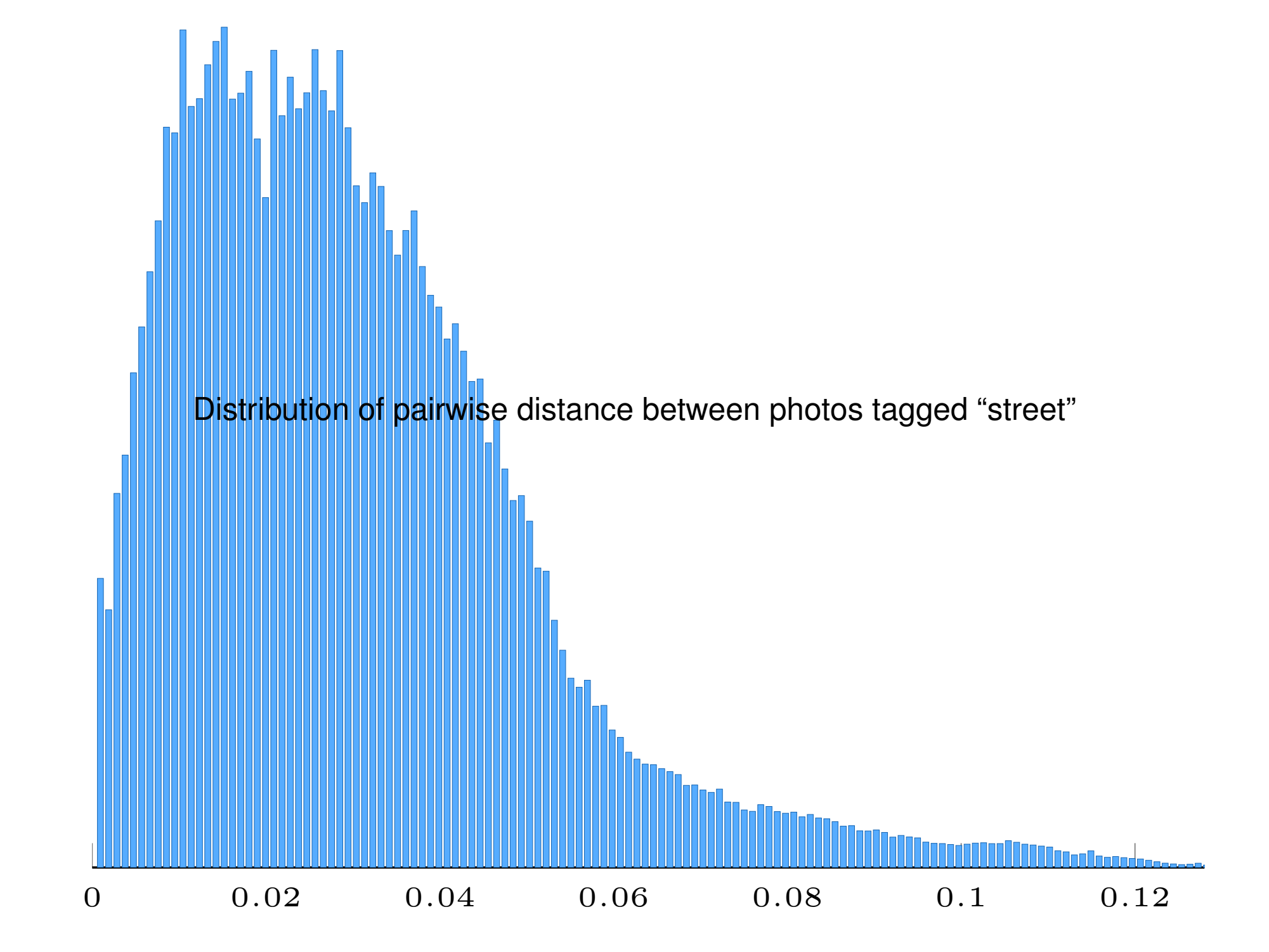


San Francisco	California	USA
sanfrancisco	california	iphoneography
california	unitedstates	square
iphoneography	sanjose	squareformat
square	iphoneography	instagramapp
squareformat	square	unitedstates
instagramapp	eyefi	2013
unitedstates	squareformat	usa
sf	instagramapp	california
usa	usa	newyork
ca	ca	nyc
san	sacramento	summer
francisco	mountainview	july
goldengatepark	2011	normal
2010	geotagged	washington
iphone	volleyball	canada



Distribution of pairwise distance between photos tagged “museum”




Distribution of pairwise distance between photos tagged “street”
0
0.02
0.04
0.06
0.08
0.1
0.12