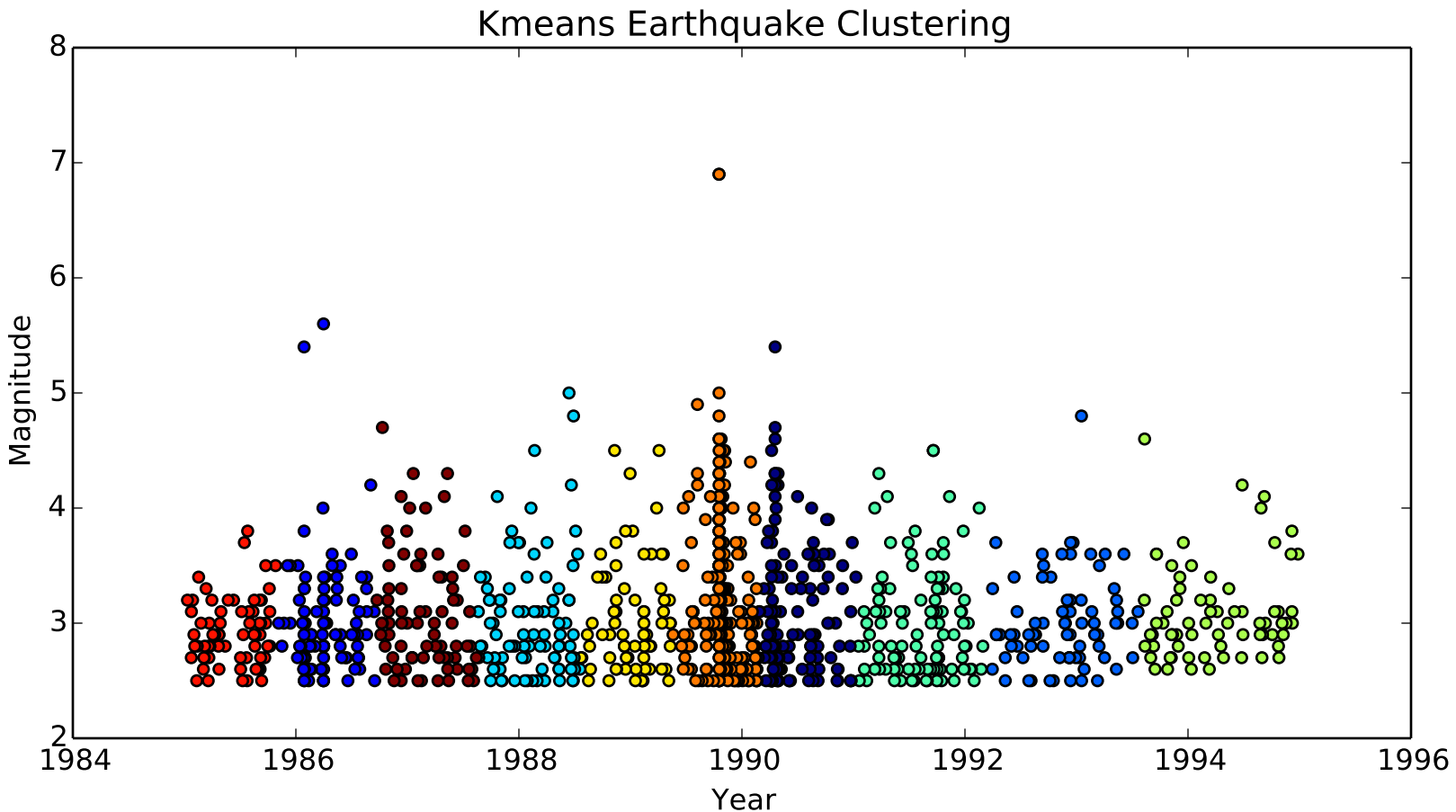
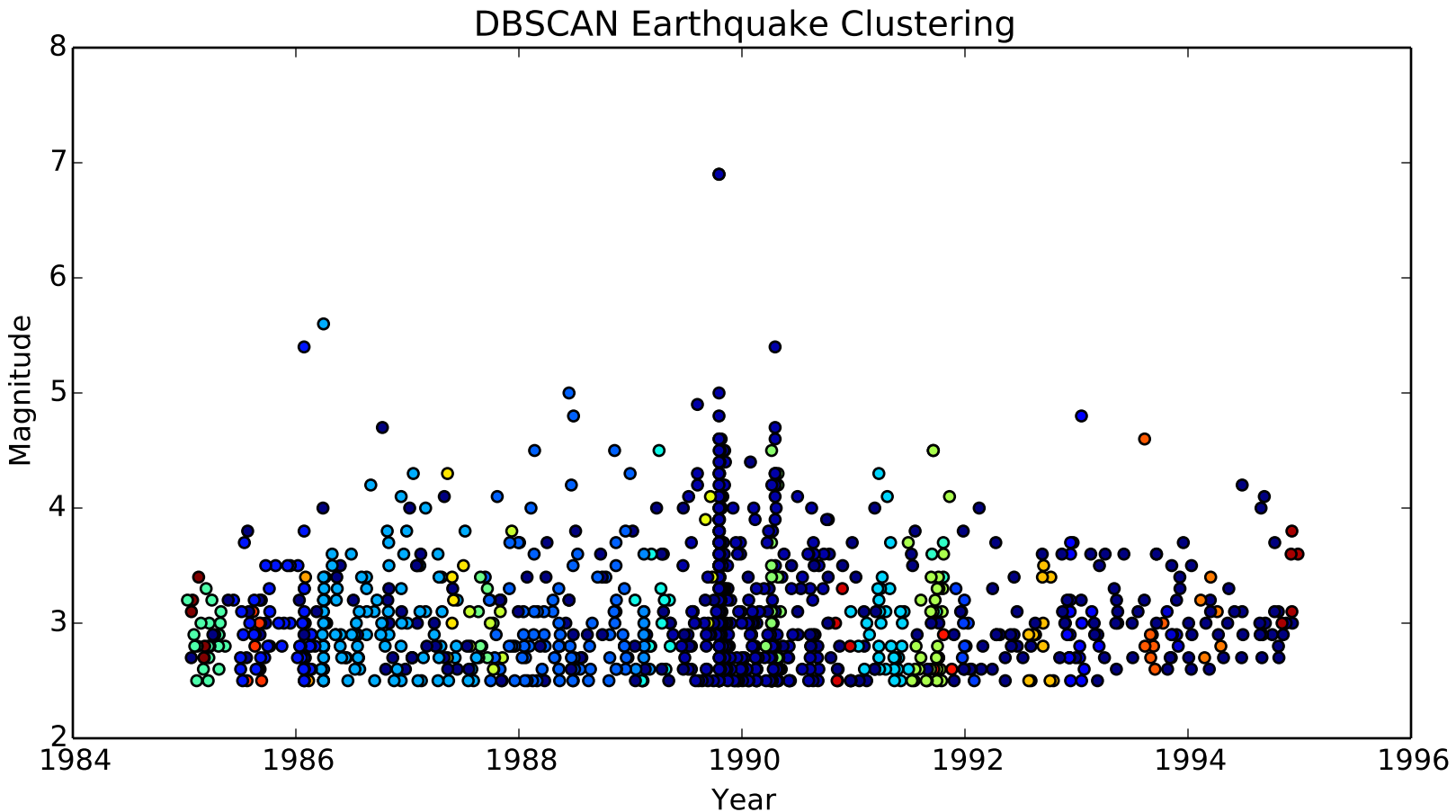
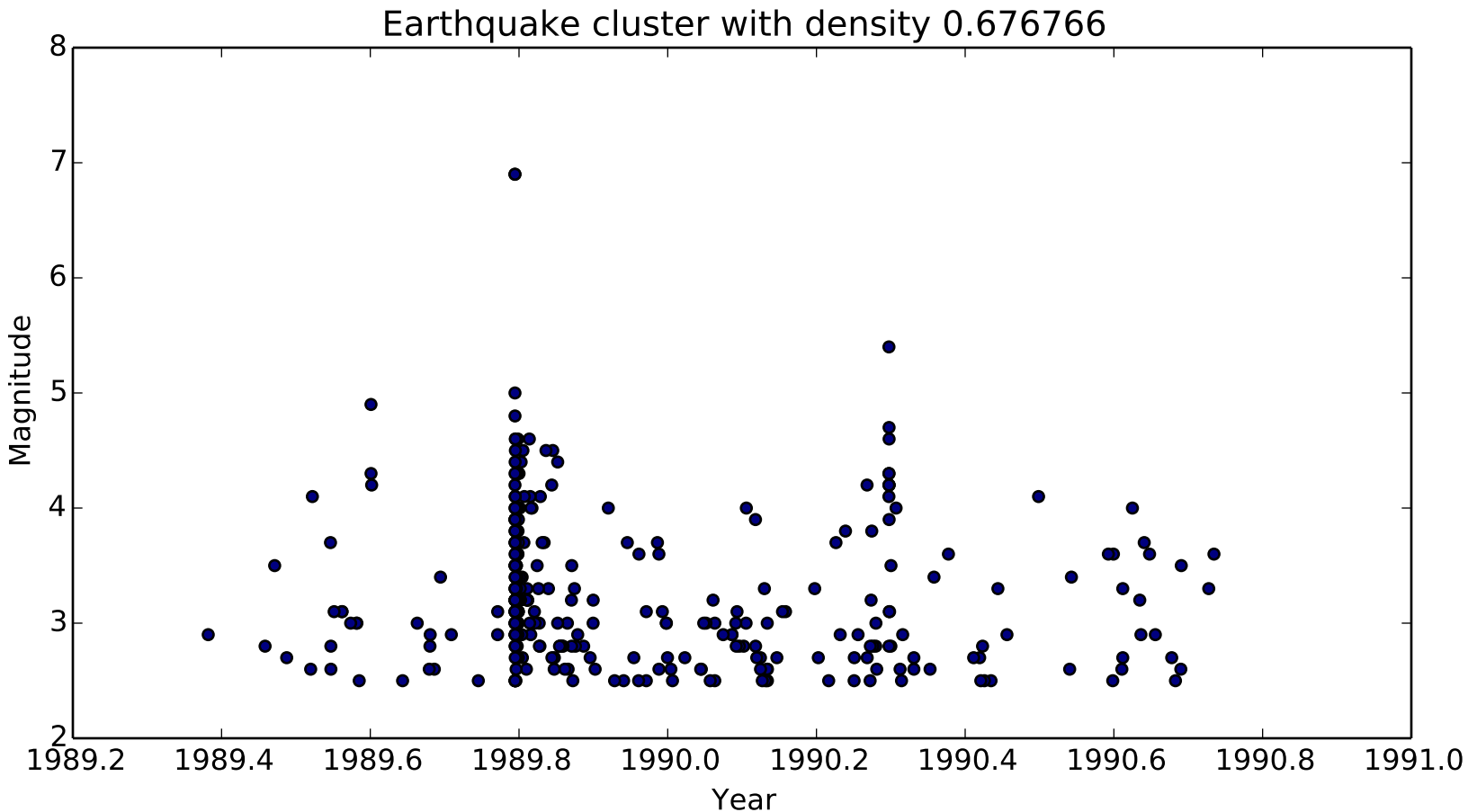
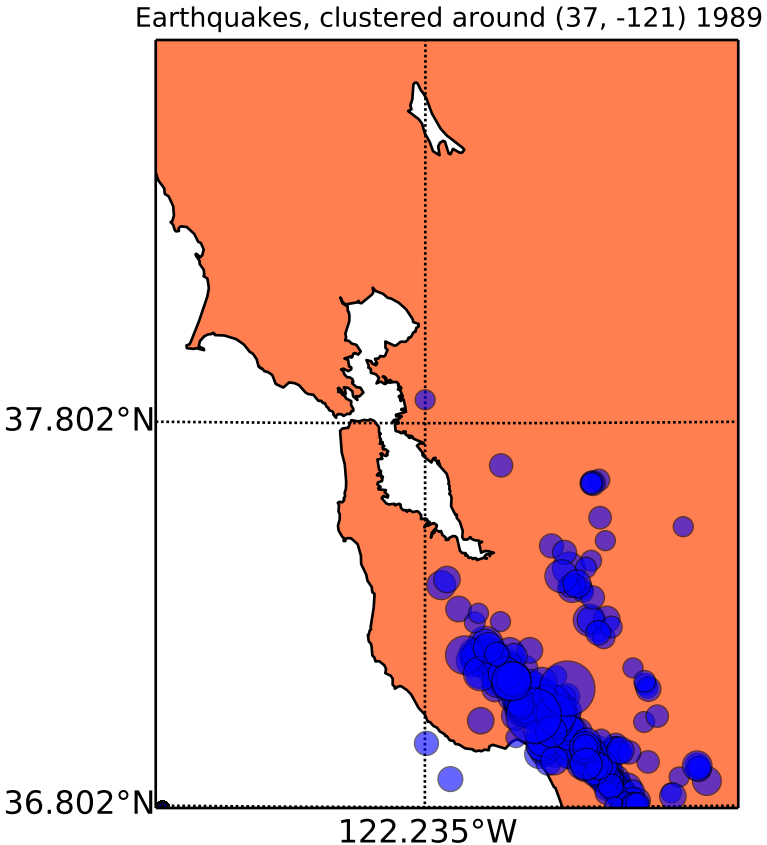
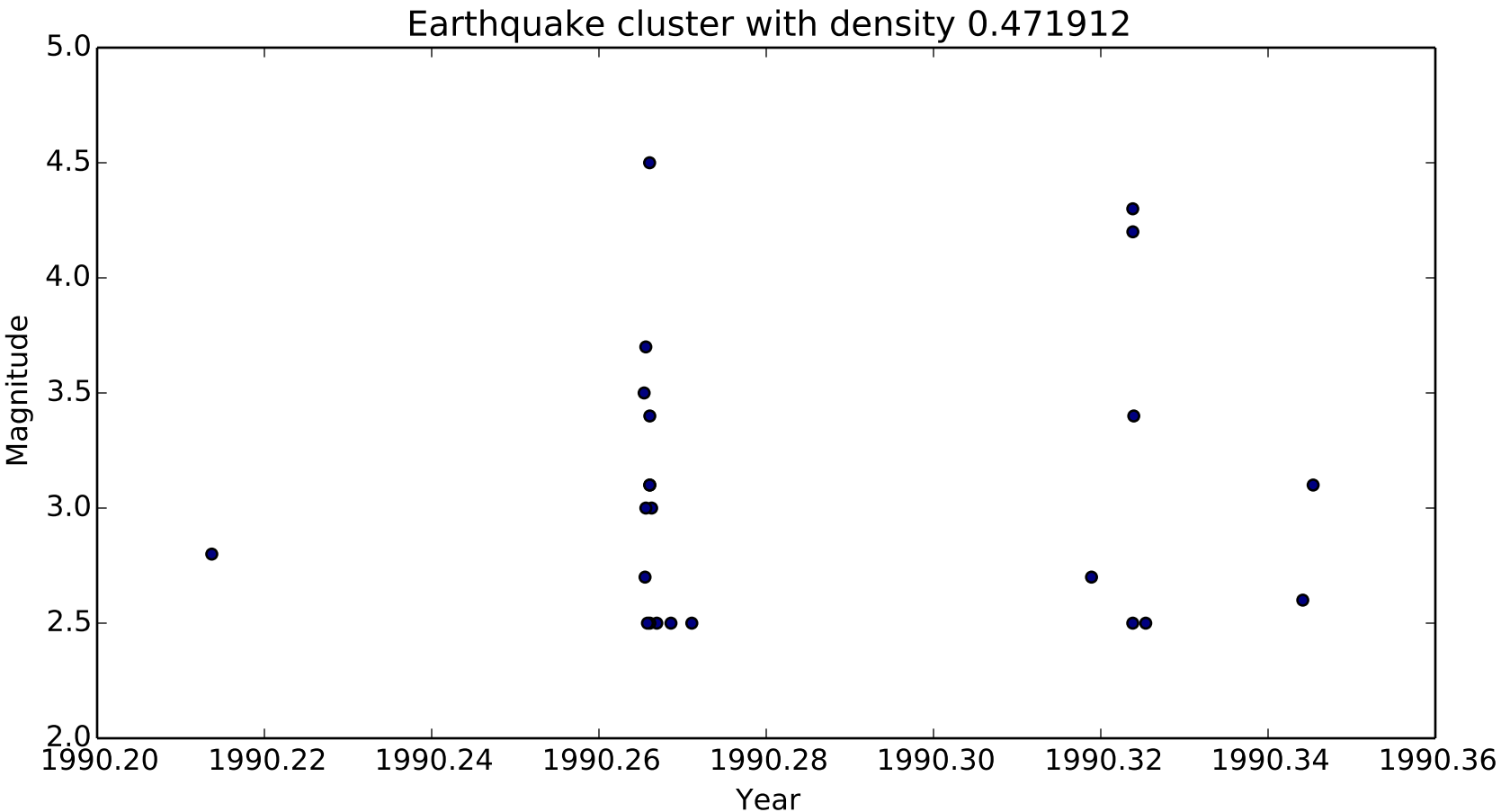
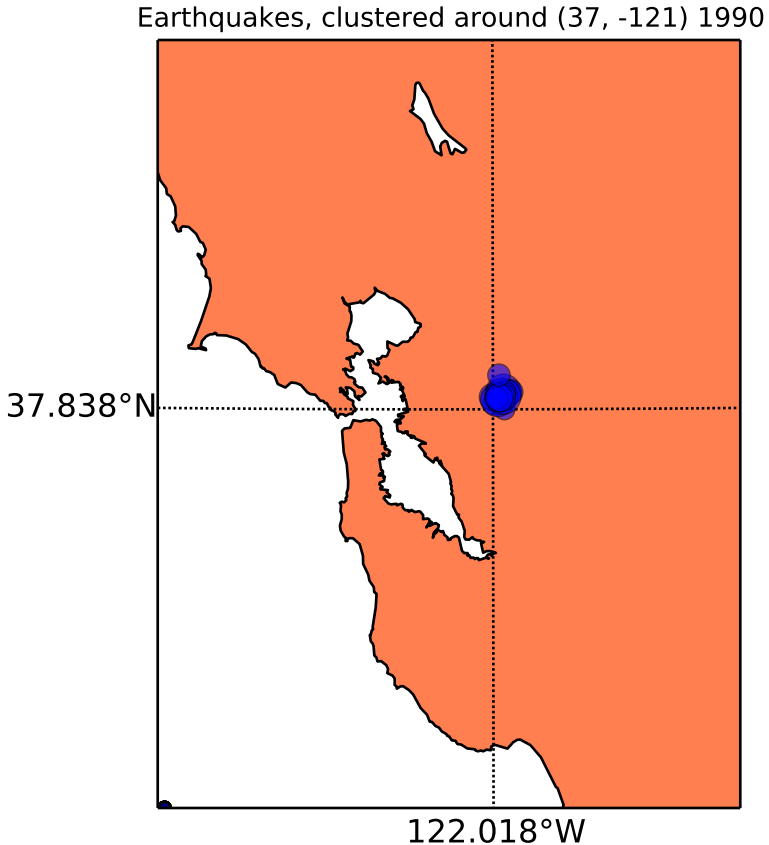

Kmeans Earthquake Clustering
Magnitude
Year
8
7
6
5
4
3
2
1984
1986
1988
1990
1992
1994
1996

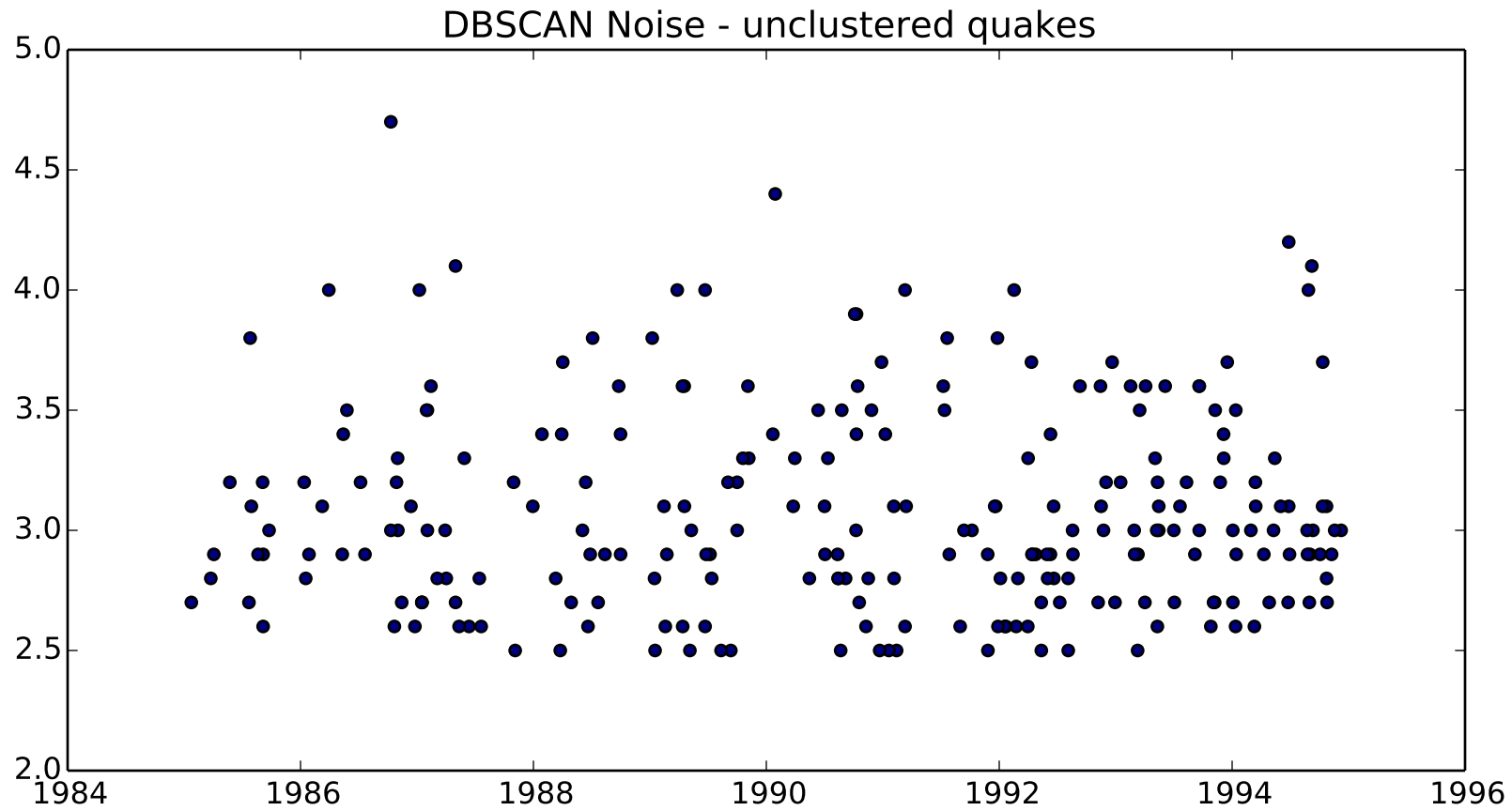

DBSCAN Earthquake Clustering
Magnitude
Year
8
7
6
5
4
3
2
1984
1986
1988
1990
1992
1994
1996

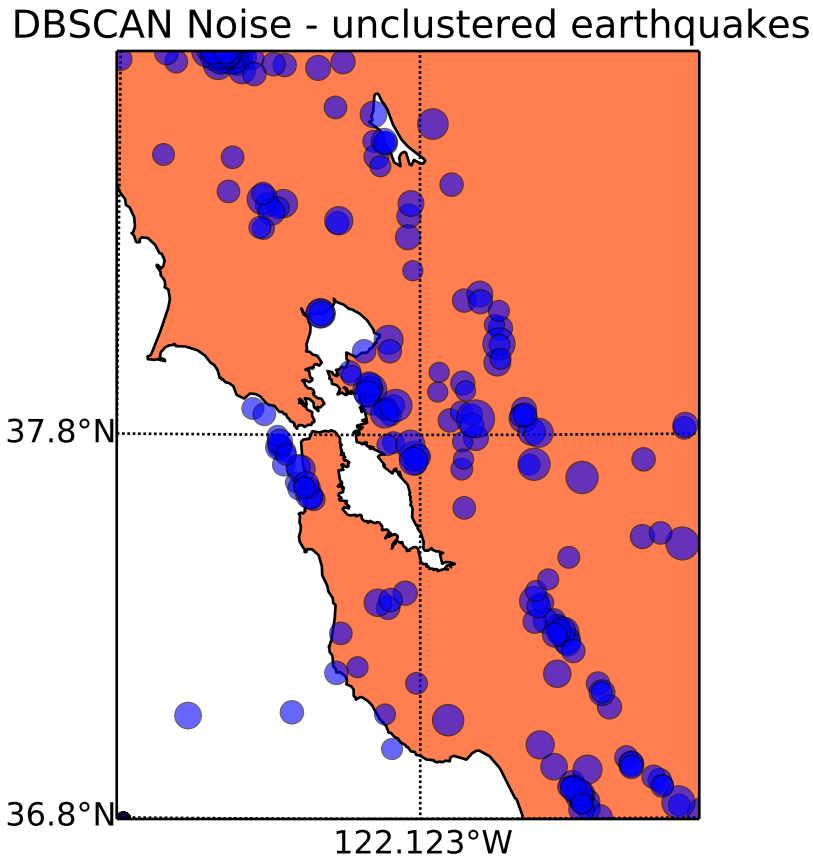

Earthquake cluster with density 0.676766
Magnitude
Year
8
7
6
5
4
3
2
1989.2
1989.4
1989.6
1989.8
1990.0
1990.2
1990.4
1990.6
1990.8
1991.0


Earthquakes, clustered around (37, -121) 1989
37.802°N
36.802°N
122.235°W


Earthquake cluster with density 0.471912
Magnitude
Year
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1990.20
1990.22
1990.24
1990.26
1990.28
1990.30
1990.32
1990.34
1990.36


Earthquakes, clustered around (37, -121) 1990
37.838°N
122.018°W


DBSCAN Noise - unclustered quakes
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1984
1986
1988
1990
1992
1994
1996


DBSCAN Noise - unclustered earthquakes
37.8°N
36.8°N
122.123°W