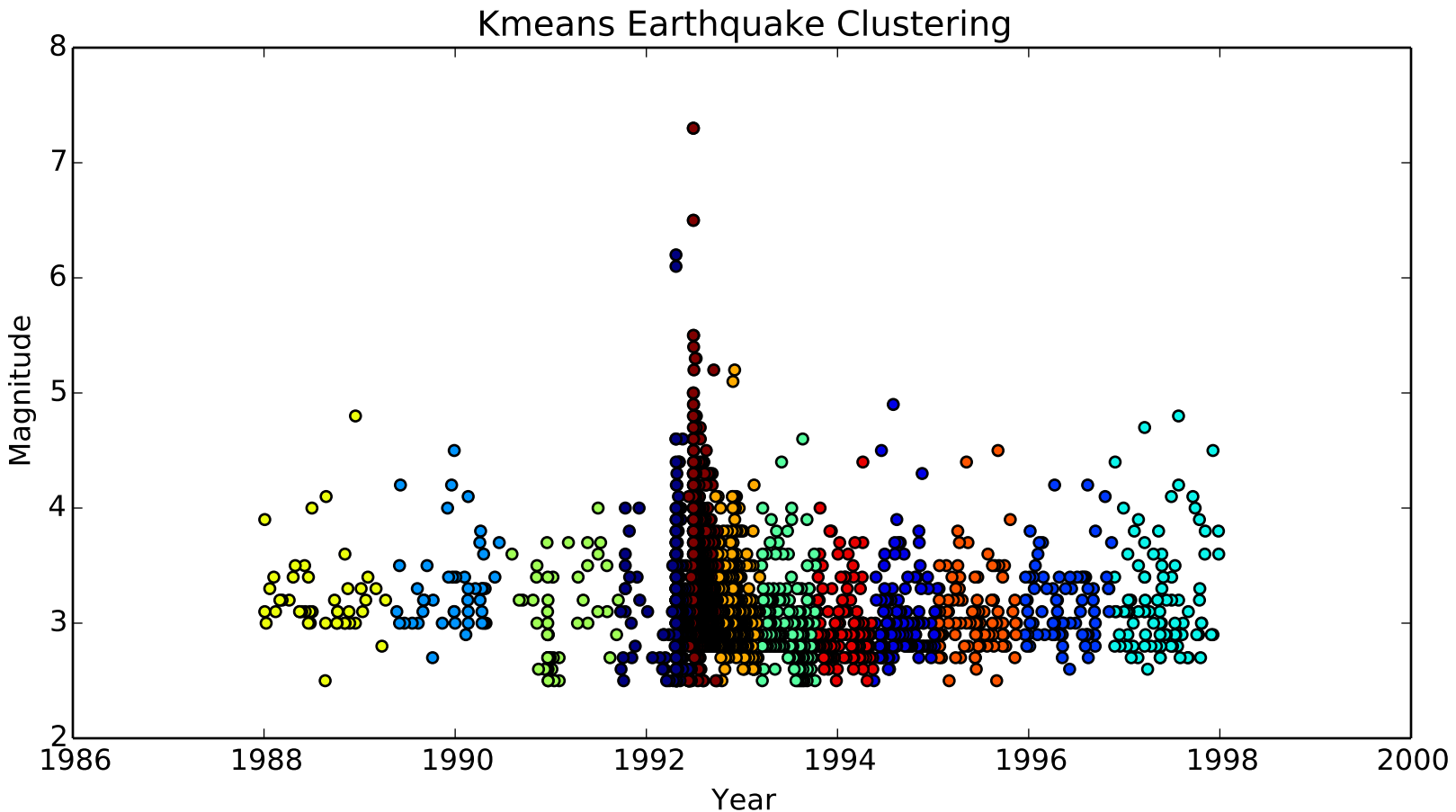
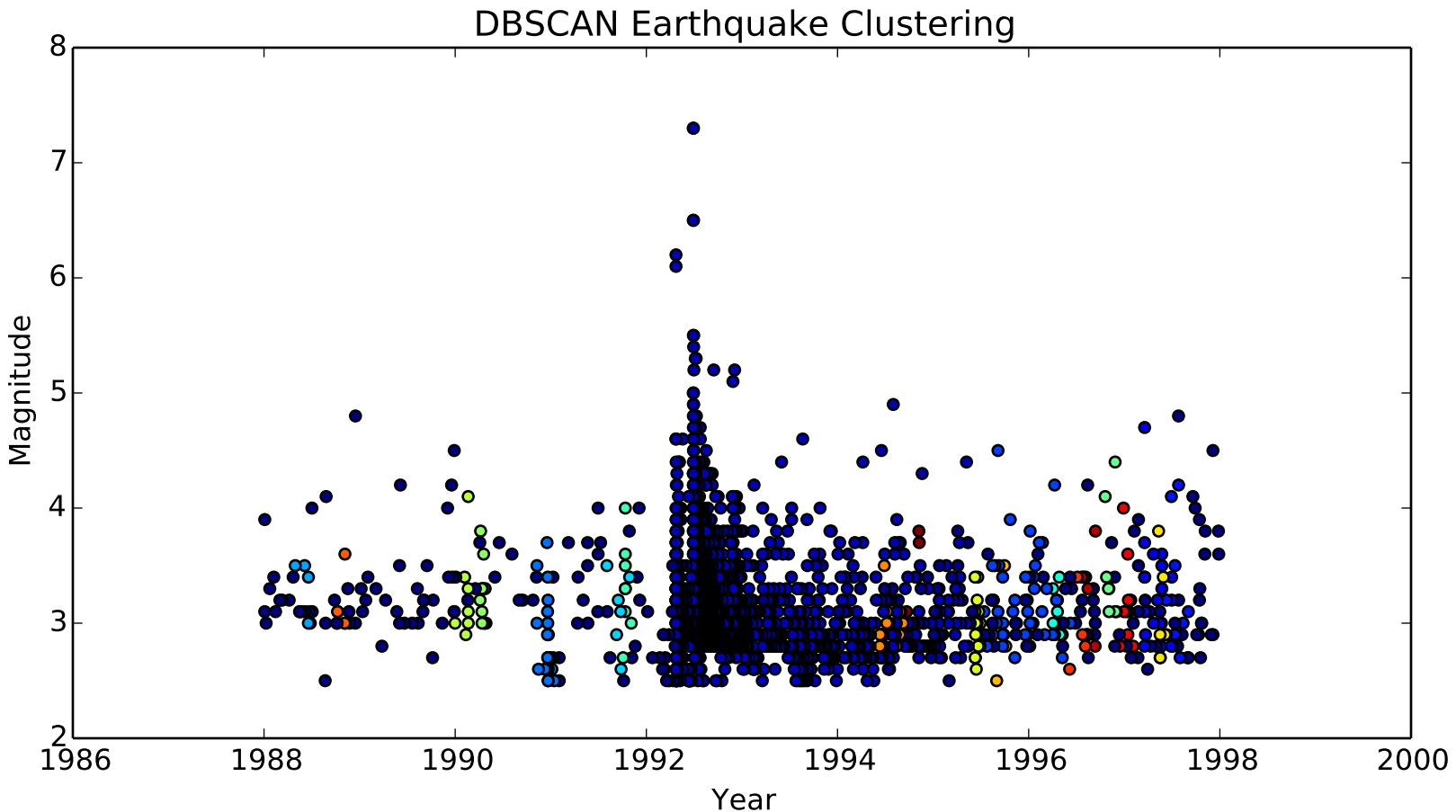
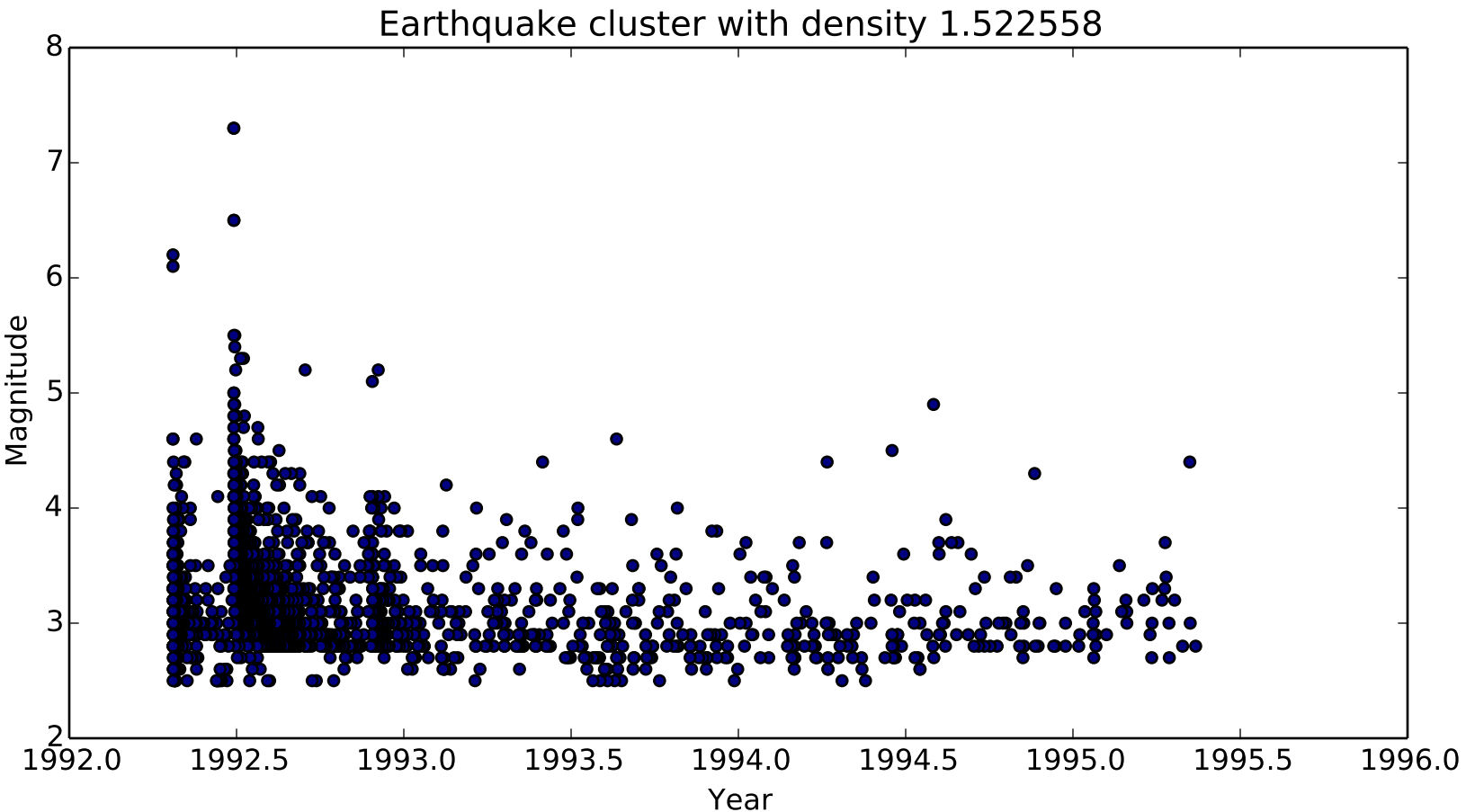
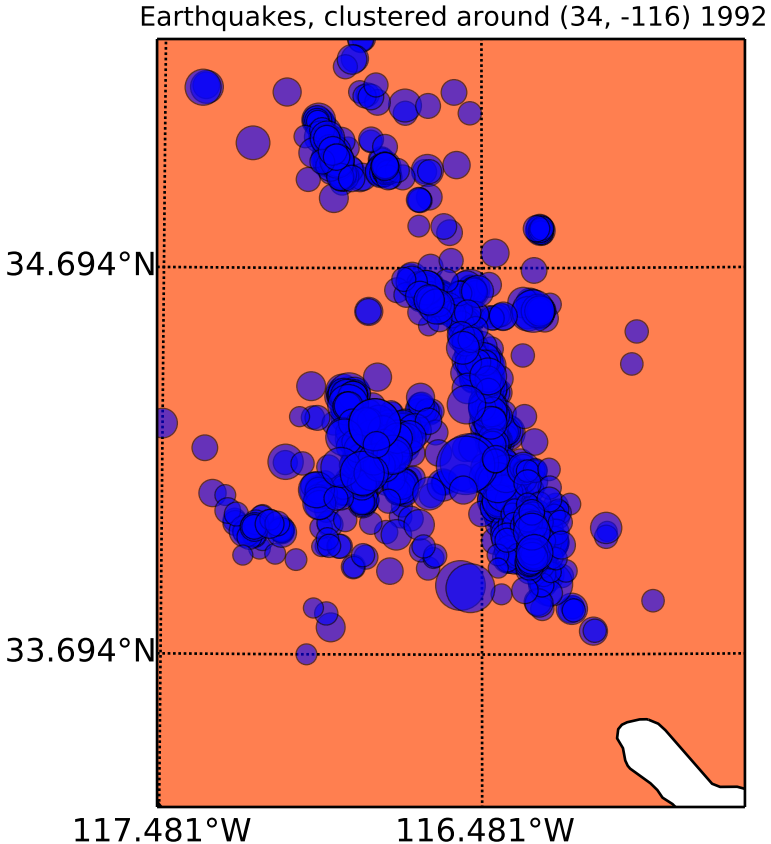
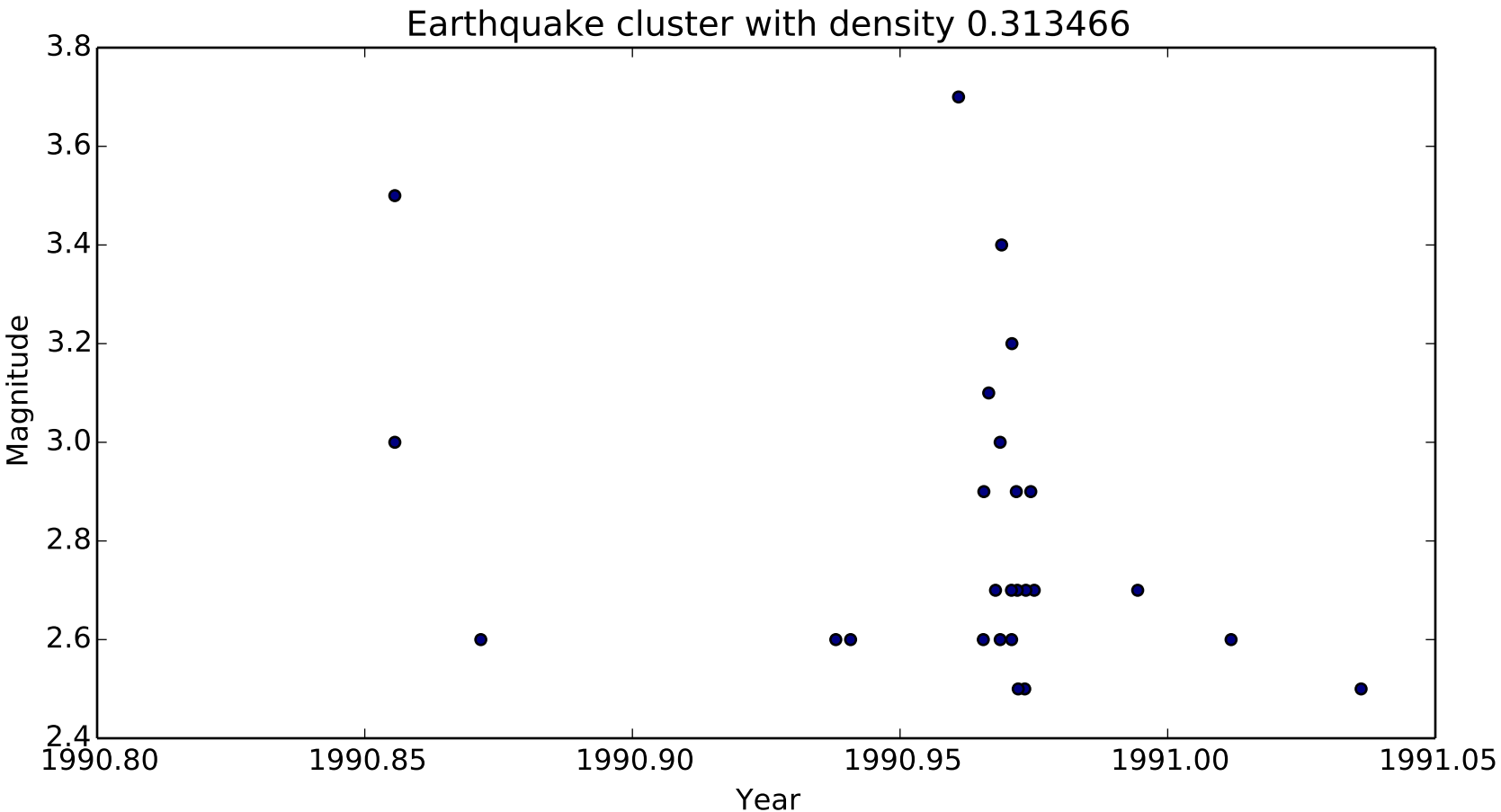
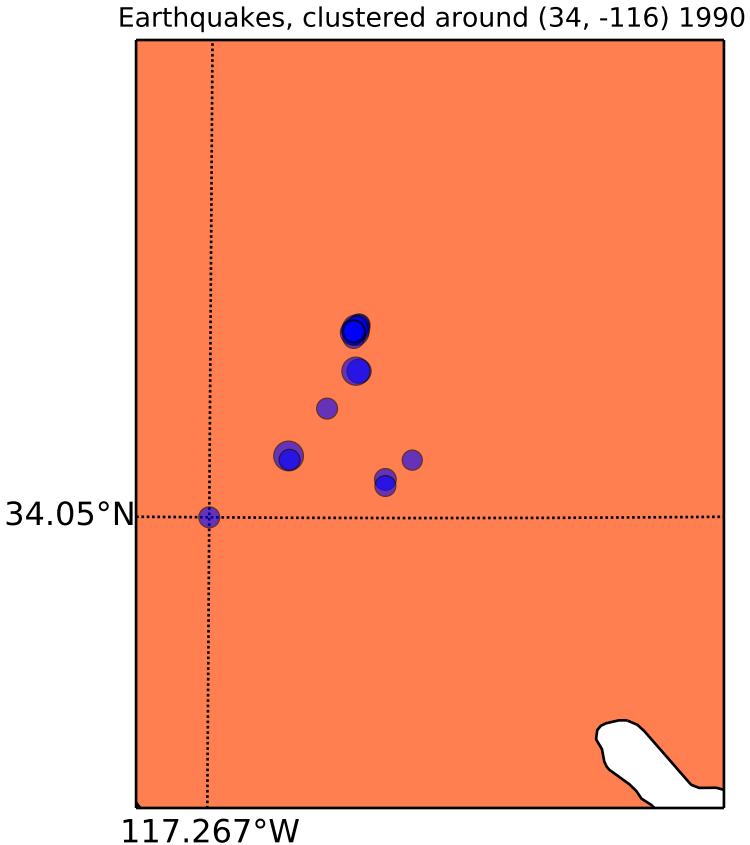

Kmeans Earthquake Clustering
Magnitude
Year
8
7
6
5
4
3
2
1986
1988
1990
1992
1994
1996
1998
2000

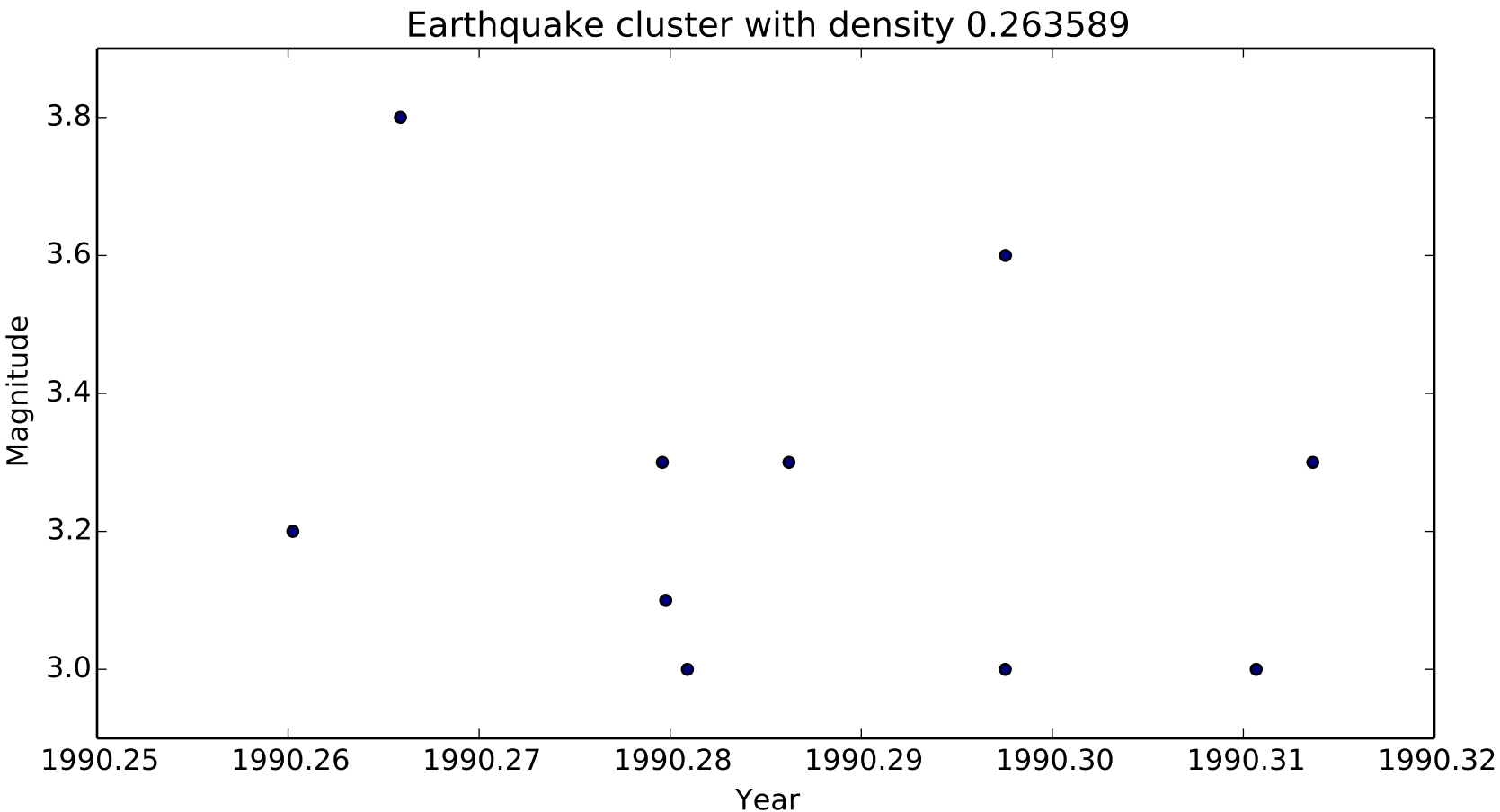

DBSCAN Earthquake Clustering
Magnitude
Year
8
7
6
5
4
3
2
1986
1988
1990
1992
1994
1996
1998
2000

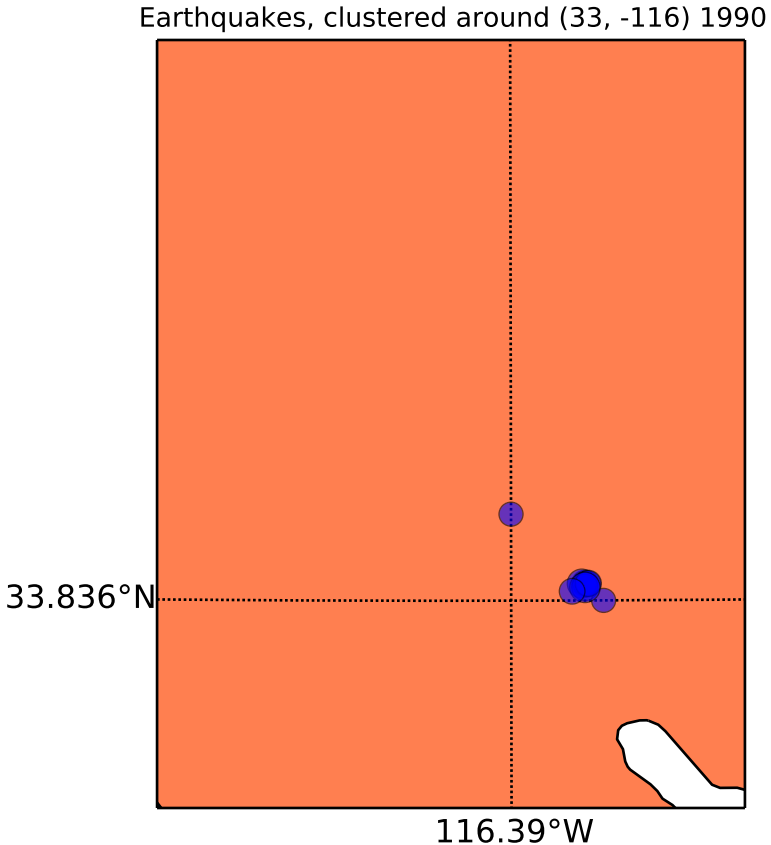

Earthquake cluster with density 1.522558
Magnitude
Year
8
7
6
5
4
3
2
1992.0
1992.5
1993.0
1993.5
1994.0
1994.5
1995.0
1995.5
1996.0

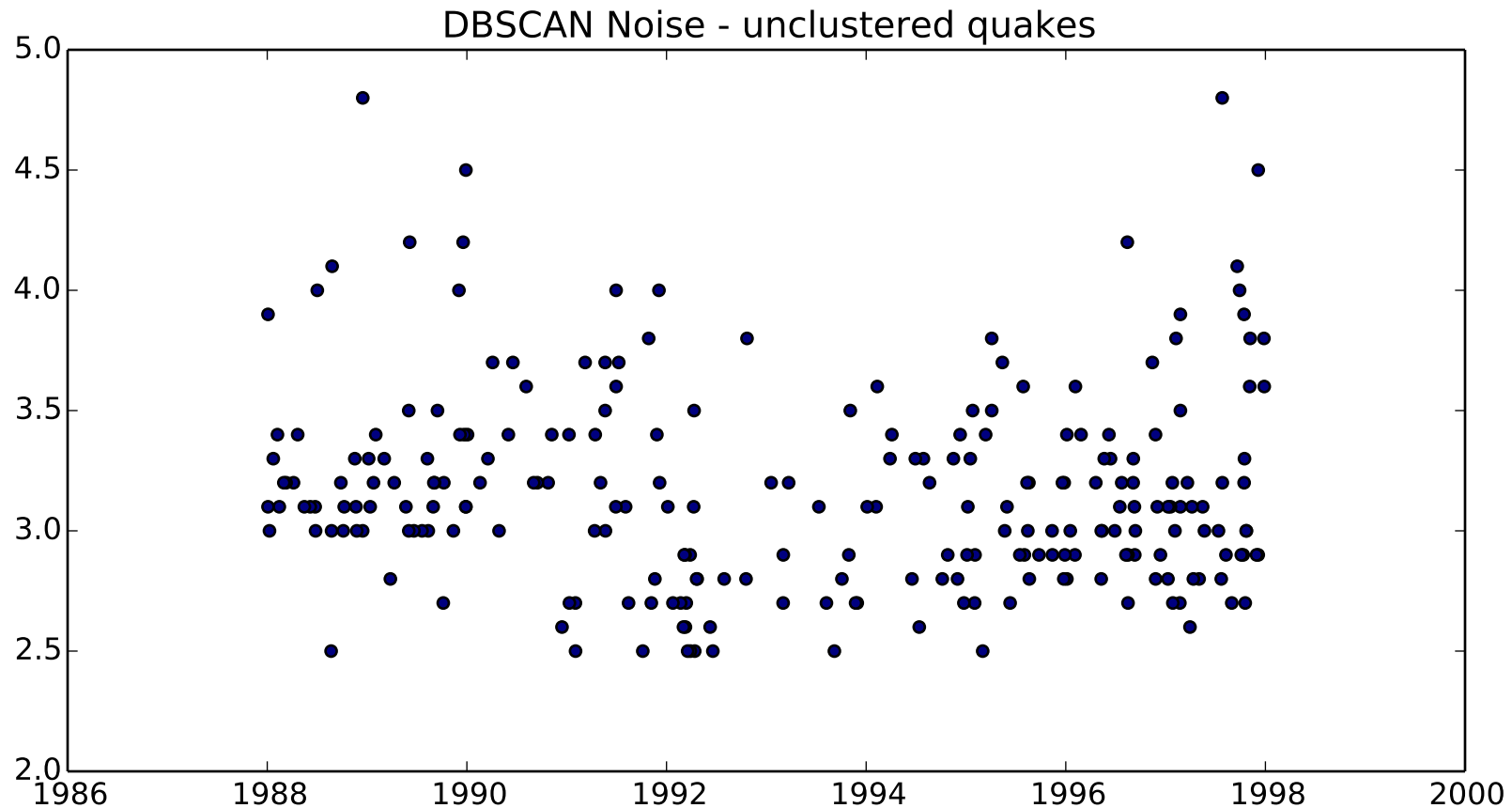

Earthquakes, clustered around (34, -116) 1992
34.694°N
33.694°N
117.481°W
116.481°W

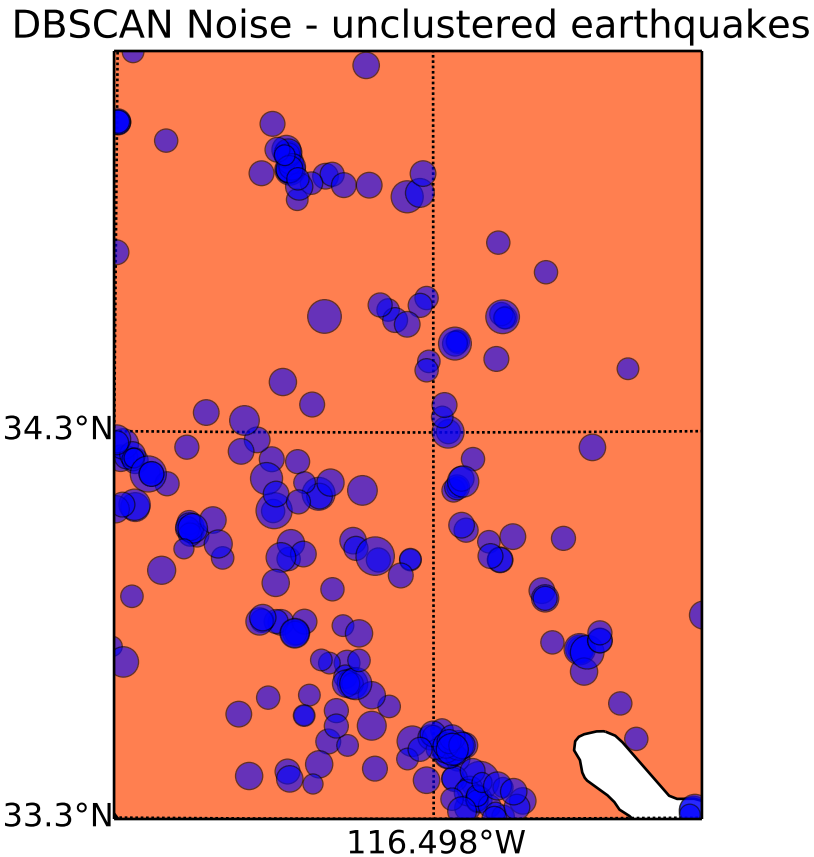

Earthquake cluster with density 0.313466
Magnitude
Year
3.8
3.6
3.4
3.2
3.0
2.8
2.6
2.4
1990.80
1990.85
1990.90
1990.95
1991.00
1991.05


Earthquakes, clustered around (34, -116) 1990
34.05°N
117.267°W


Earthquake cluster with density 0.263589
Magnitude
3.8
3.6
3.4
3.2
3.0
1990.25
1990.26
1990.27
1990.28
1990.29
1990.30
1990.31
1990.32
Year


Earthquakes, clustered around (33, -116) 1990
33.836°N
116.39°W


DBSCAN Noise - unclustered quakes
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1986
1988
1990
1992
1994
1996
1998
2000


DBSCAN Noise - unclustered earthquakes
34.3°N
33.3°N
116.498°W