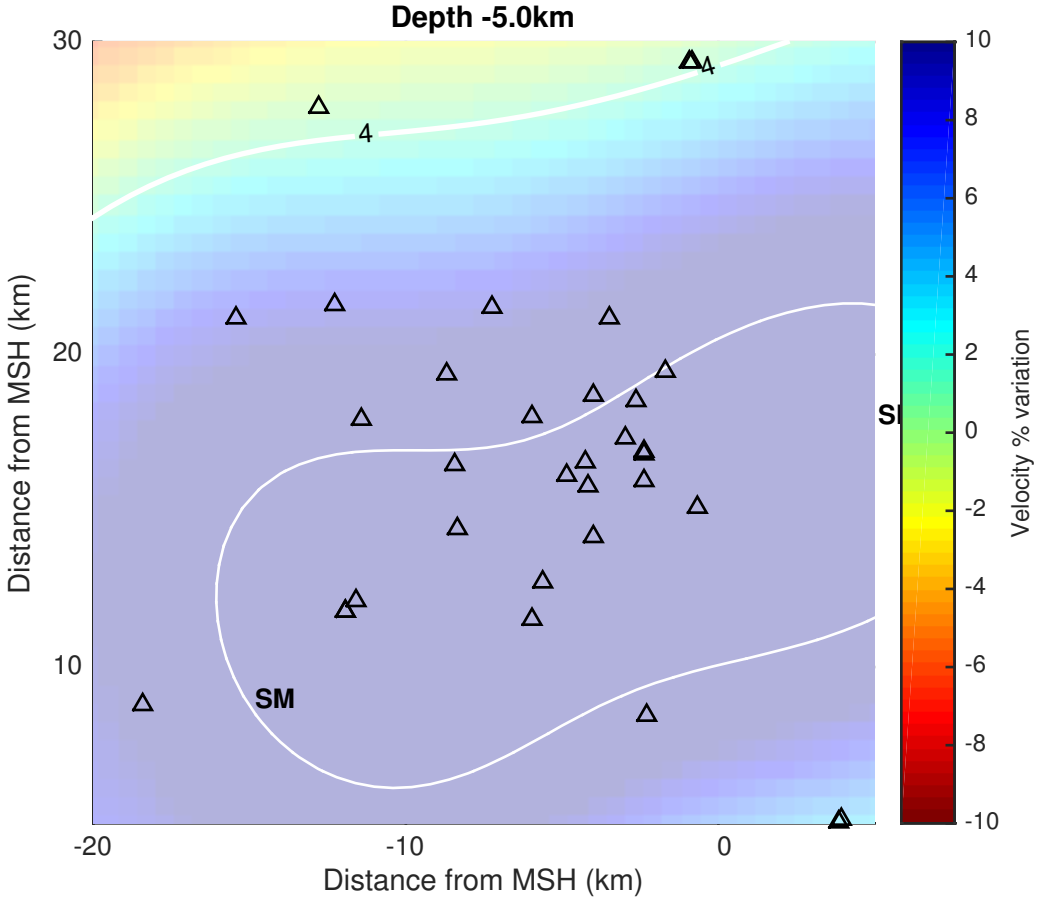
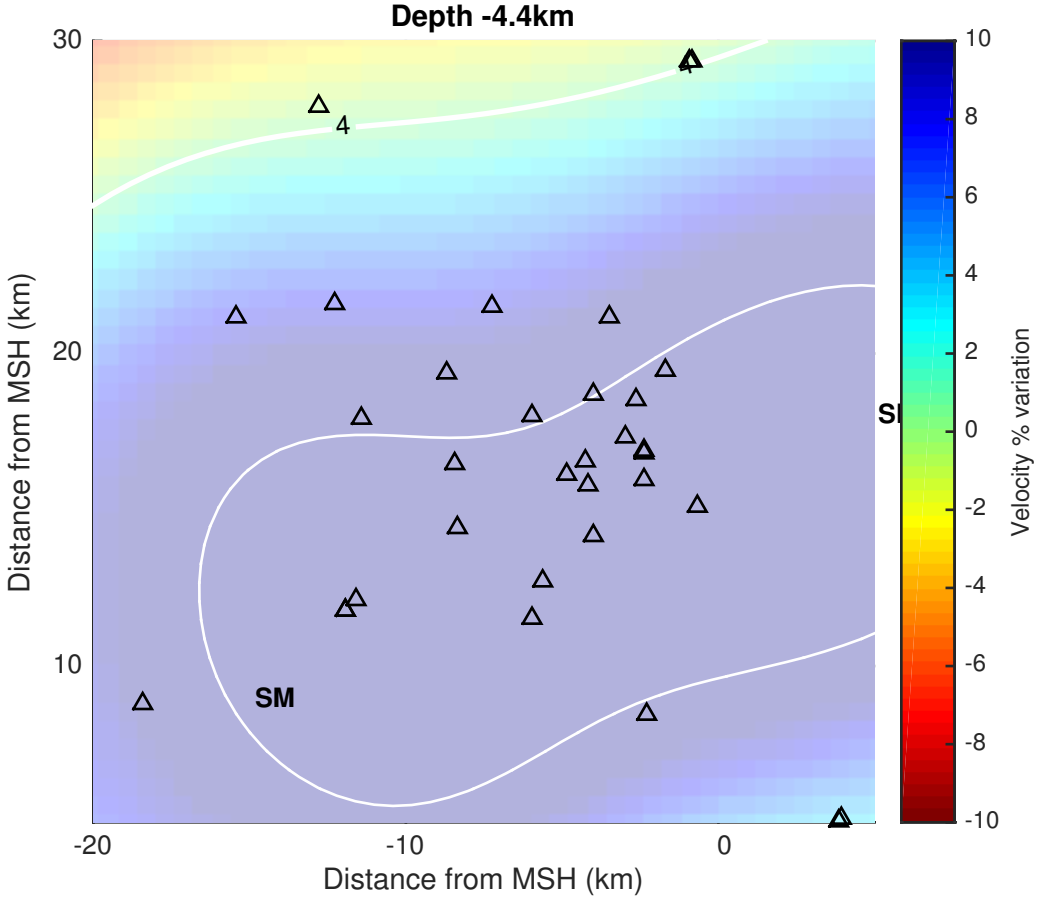

Depth -5.0km
30
20
10
-20
-10
0
Distance from MSH (km)
Distance from MSH (km)
4
4
SM
SI
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth -4.4km
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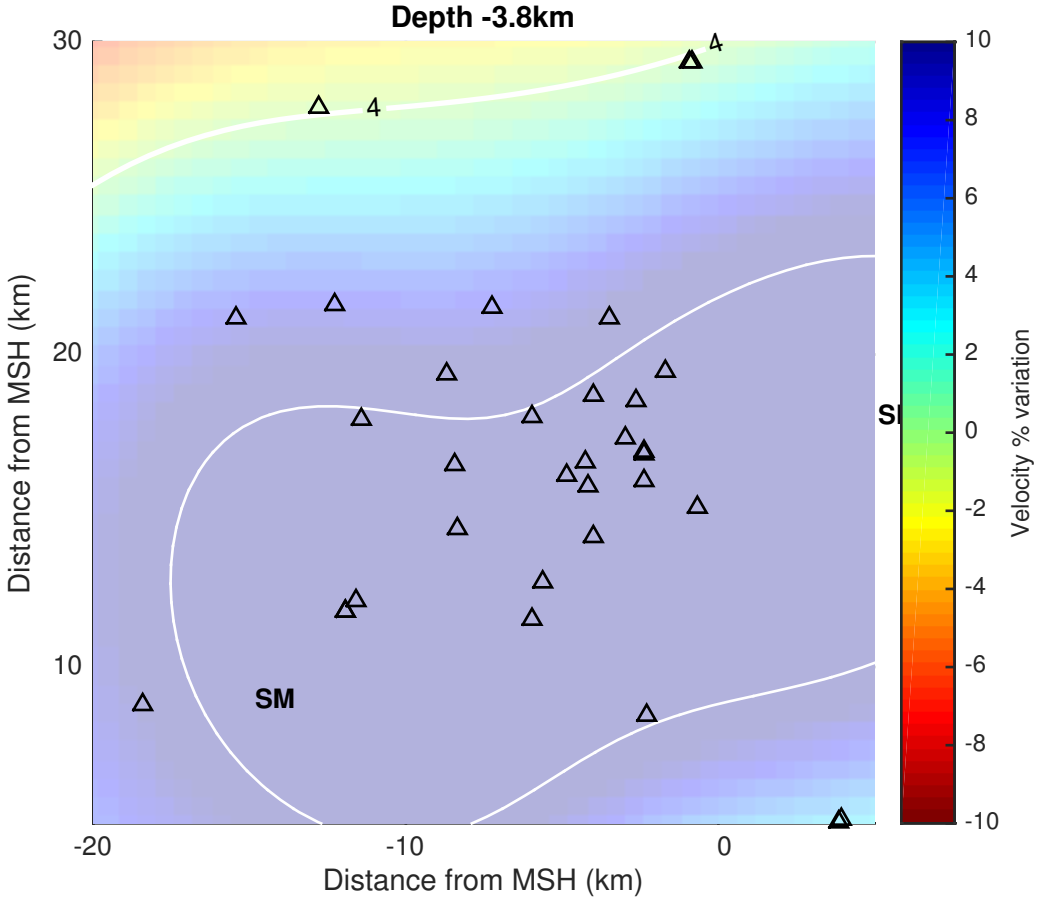
20
10
-20
-10
0
Distance from MSH (km)
Distance from MSH (km)
4
SM
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth -3.8km
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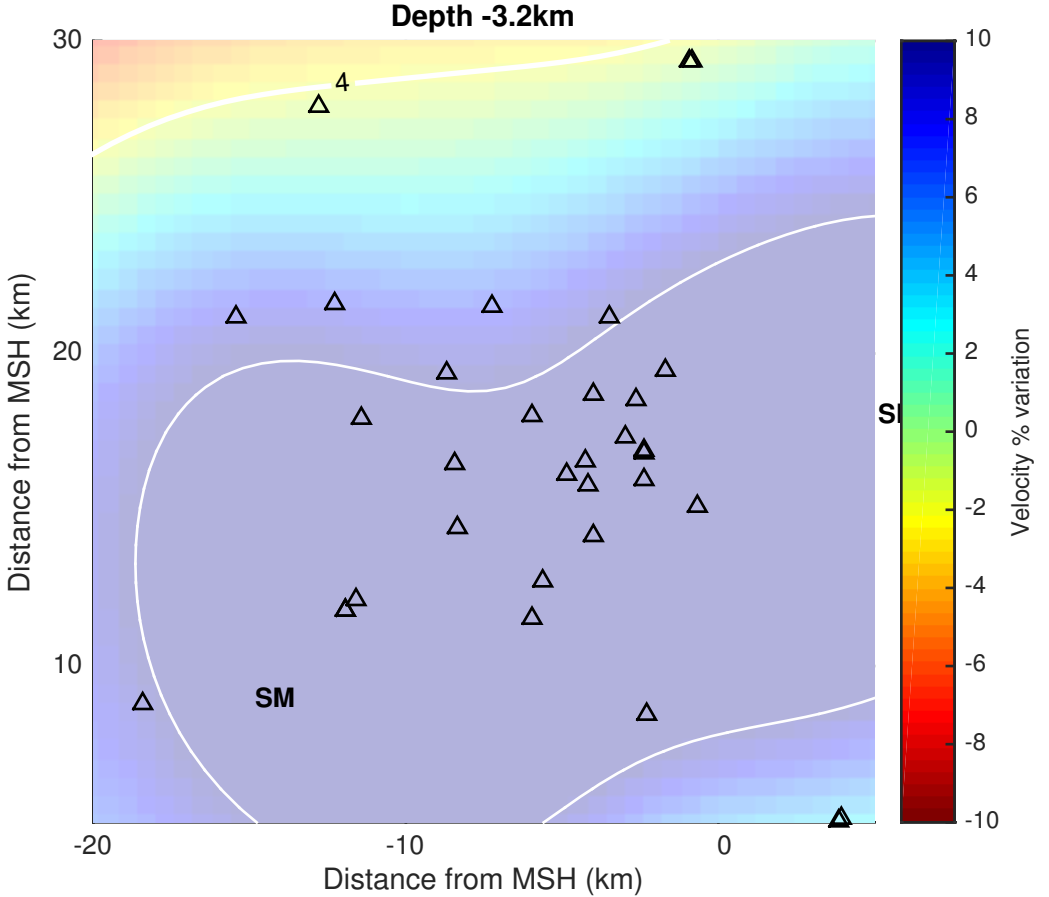
20
10
-20
-10
0
Distance from MSH (km)
Distance from MSH (km)
SM
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth -3.2km
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20
10
-20
-10
0
Distance from MSH (km)
Distance from MSH (km)
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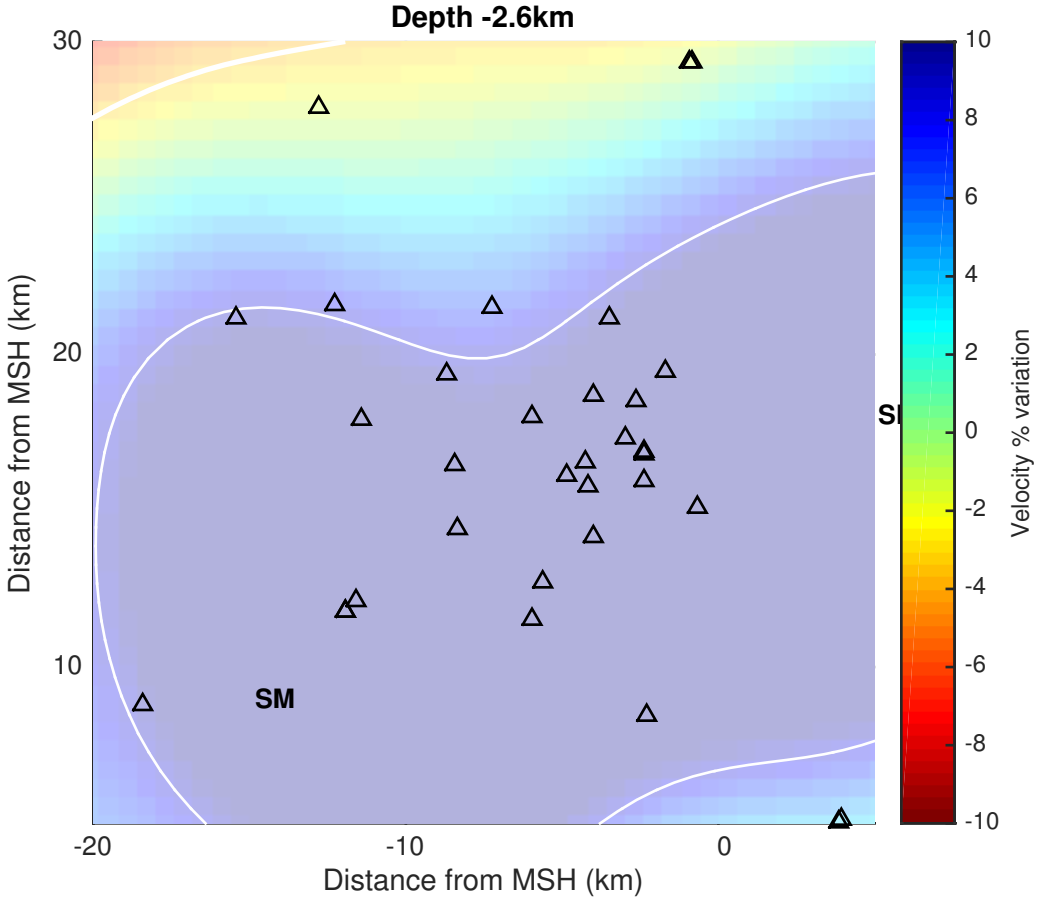
SM
SI
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth -2.6km
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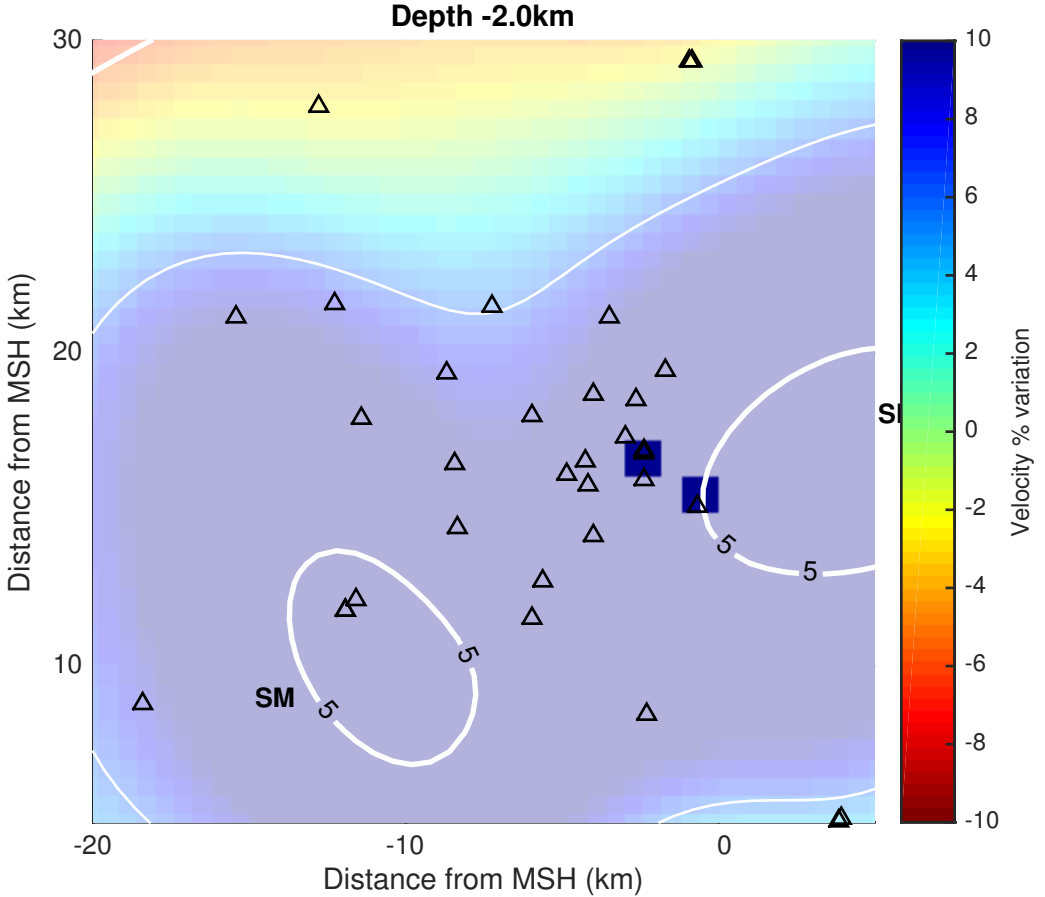
20
10
Distance from MSH (km)
-20
-10
0
Distance from MSH (km)
SM
SI
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth -2.0km
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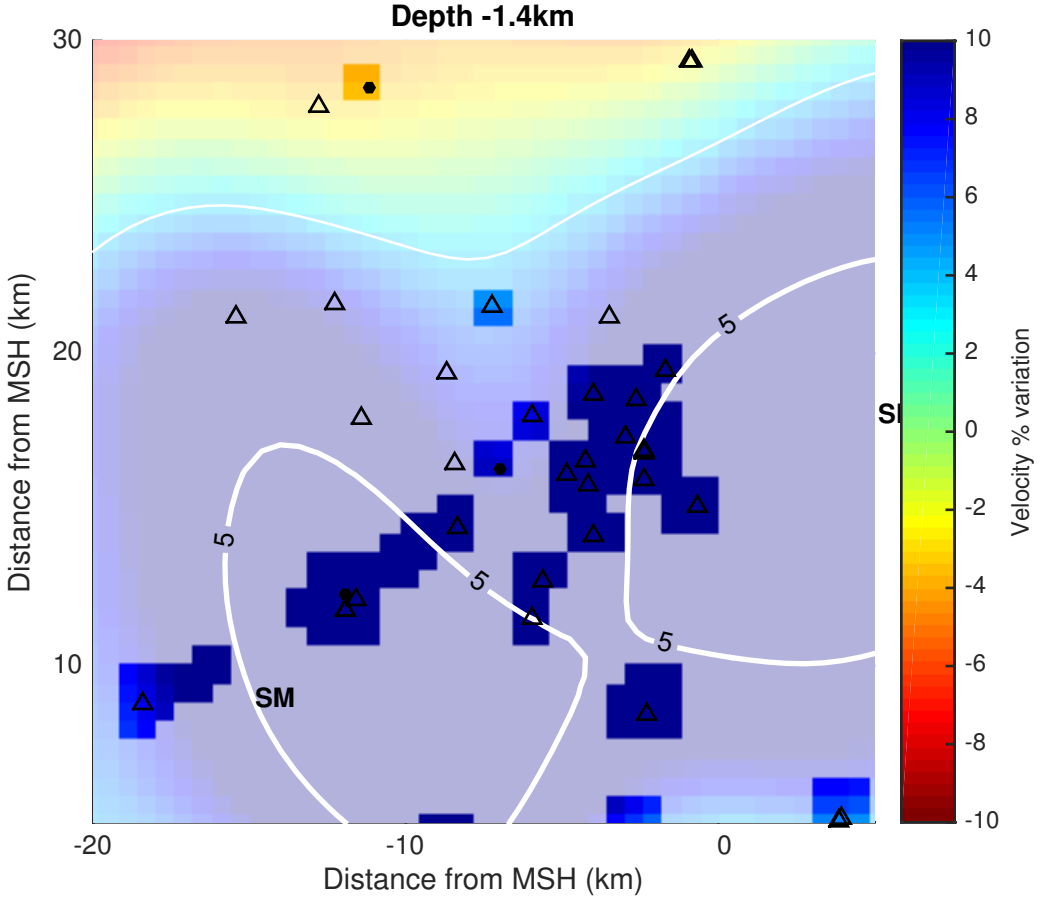
20
10
Distance from MSH (km)
-20
-10
0
Distance from MSH (km)
SM
5
5
5
5
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth -1.4km
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20
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-20
-10
0
Distance from MSH (km)
Distance from MSH (km)
SM
SI
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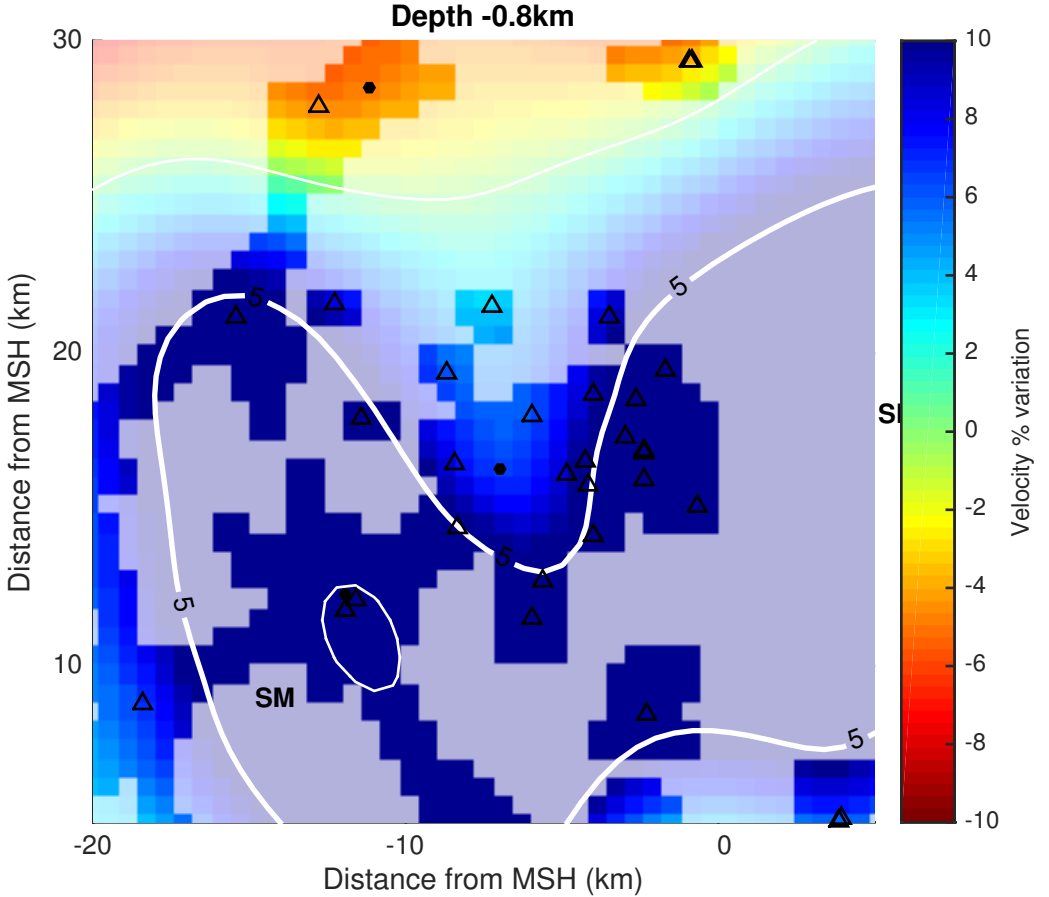
5
5
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth -0.8km
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-20
-10
0
Distance from MSH (km)
Distance from MSH (km)
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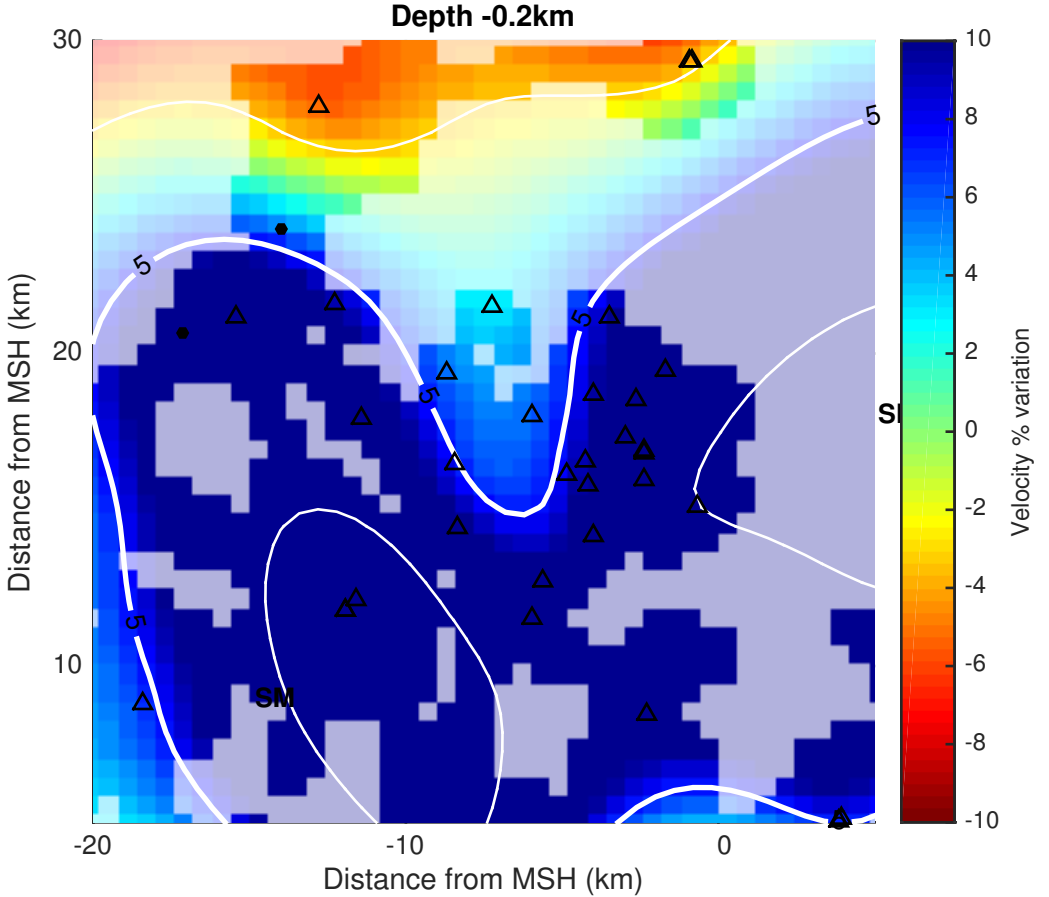
5
SM
SI
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth -0.2km
Distance from MSH (km)
Distance from MSH (km)
Velocity % variation
30
20
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-20
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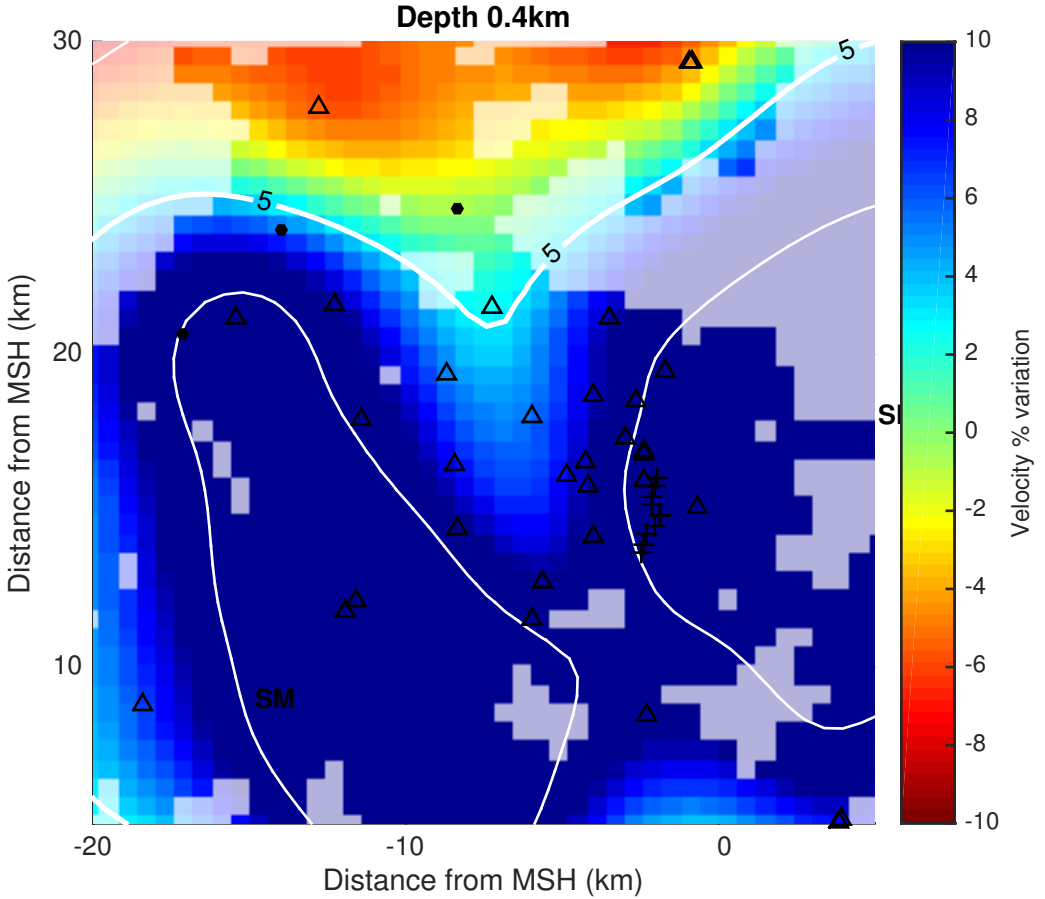
0
10
8
6
4
2
0
-2
-4
-6
-8
-10
5
SM


Depth 0.4km
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Distance from MSH (km)
-20
-10
0
Distance from MSH (km)
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SM
SI
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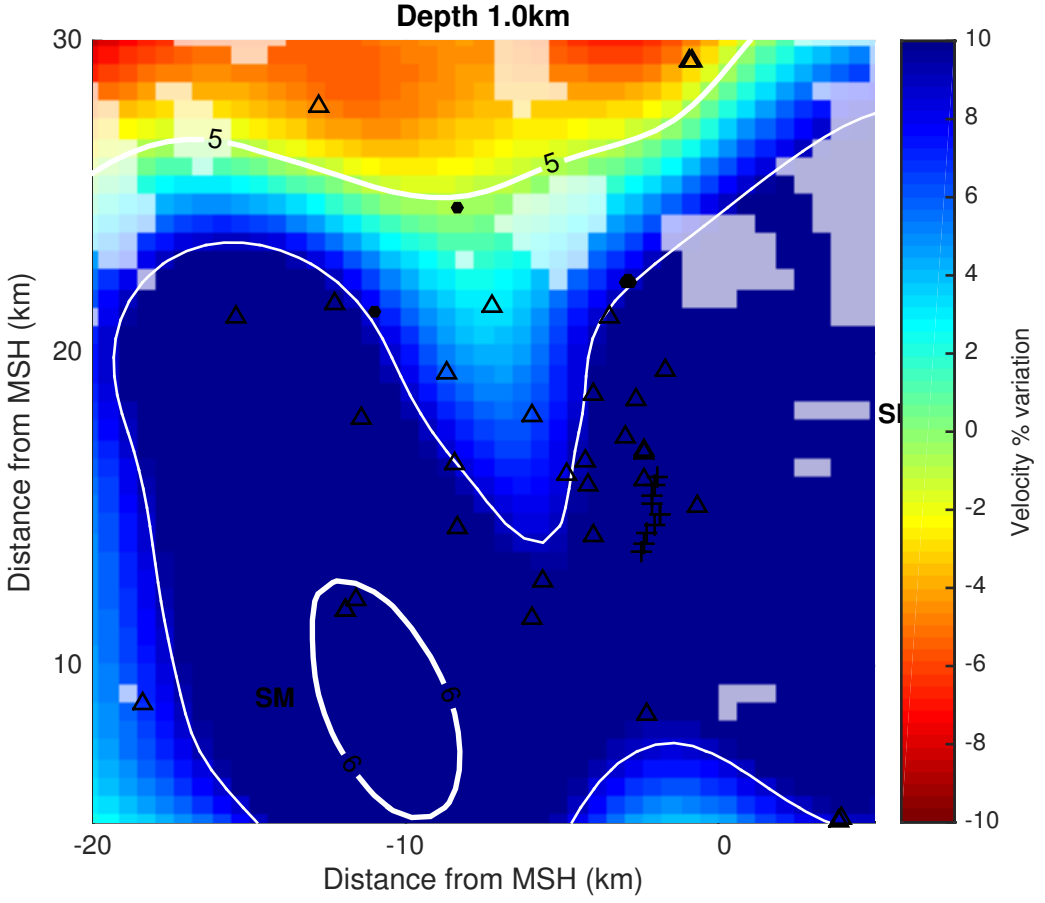
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth 1.0km
30
20
10
-20
-10
0
Distance from MSH (km)
Distance from MSH (km)
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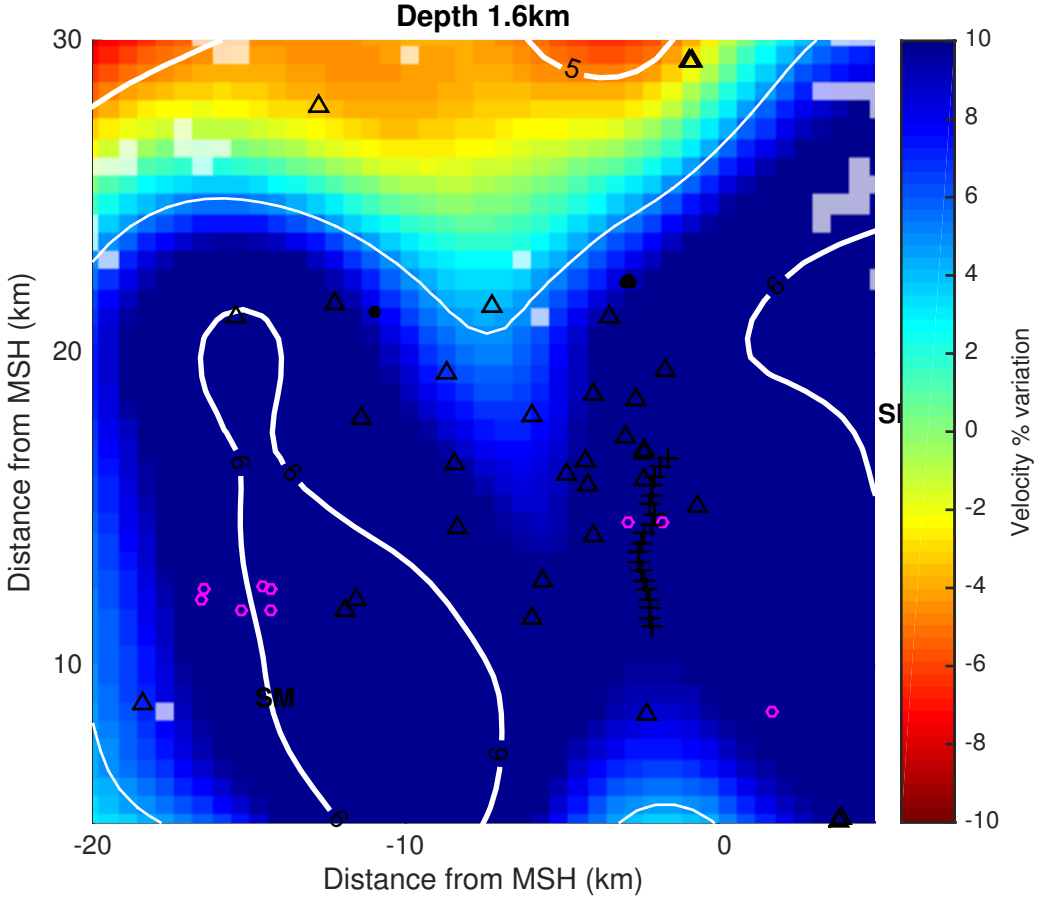
6
SM
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth 1.6km
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-20
-10
0
Distance from MSH (km)
Distance from MSH (km)
5
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SM
10
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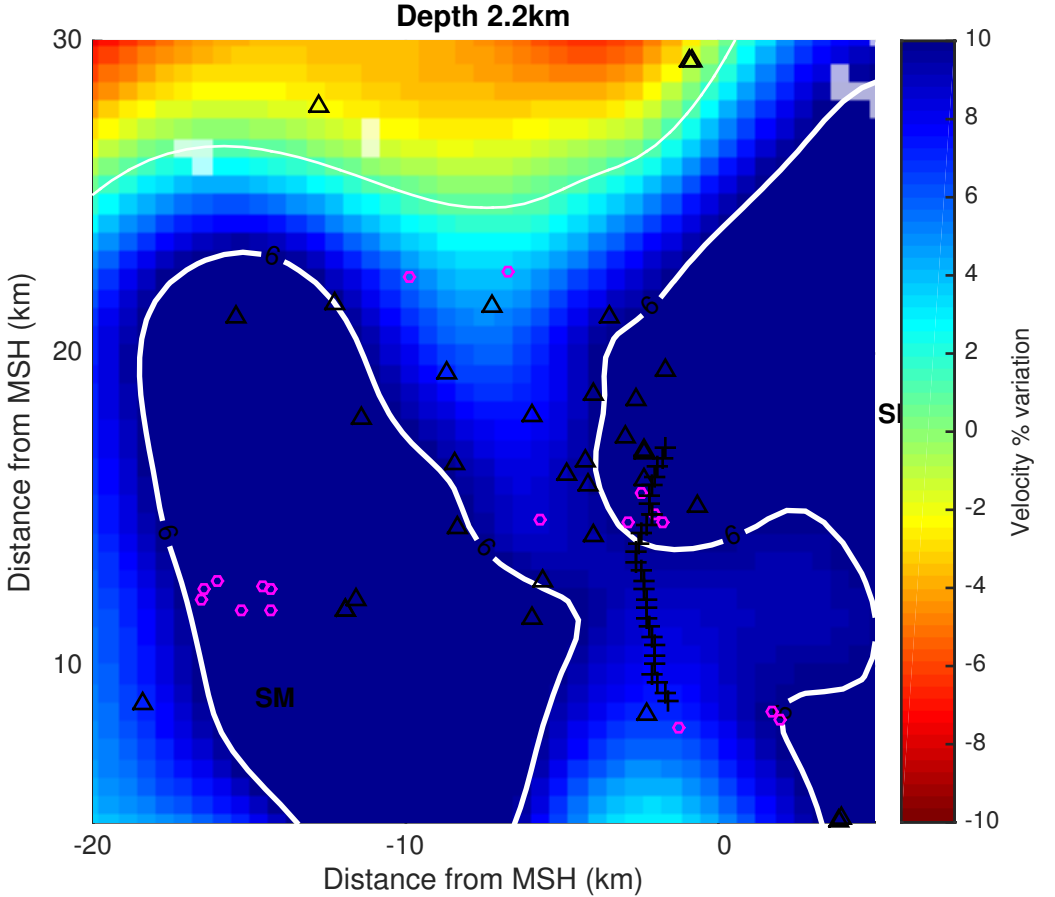
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth 2.2km
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20
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Distance from MSH (km)
-20
-10
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Distance from MSH (km)
SM
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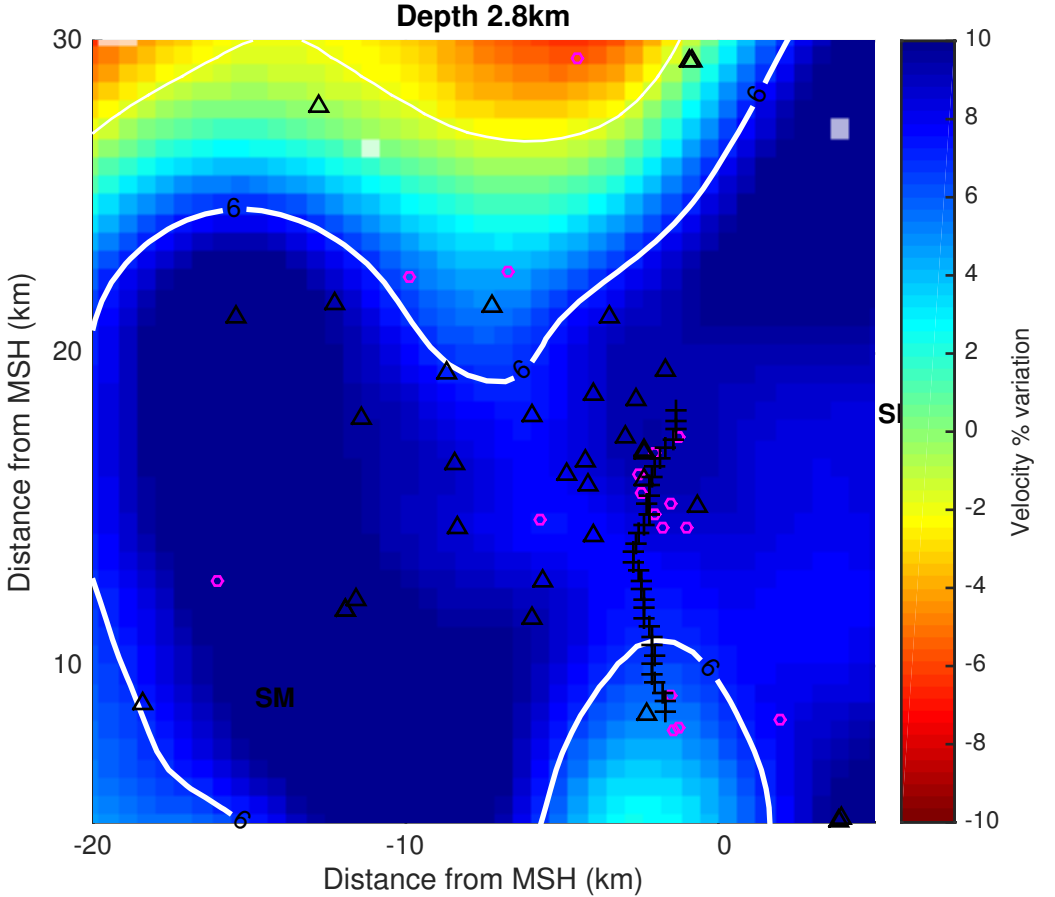
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth 2.8km
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Distance from MSH (km)
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-10
0
Distance from MSH (km)
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SM
10
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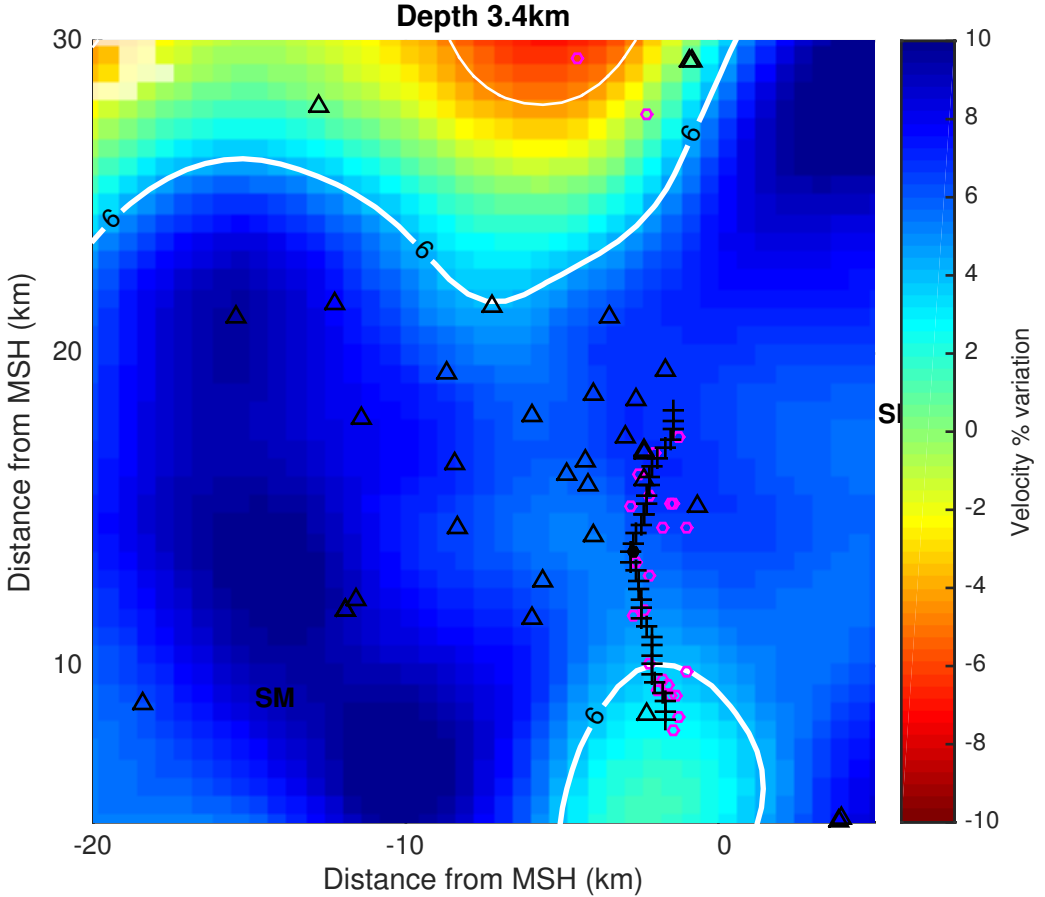
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth 3.4km
30
20
10
Distance from MSH (km)
-20
-10
0
Distance from MSH (km)
SM
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6
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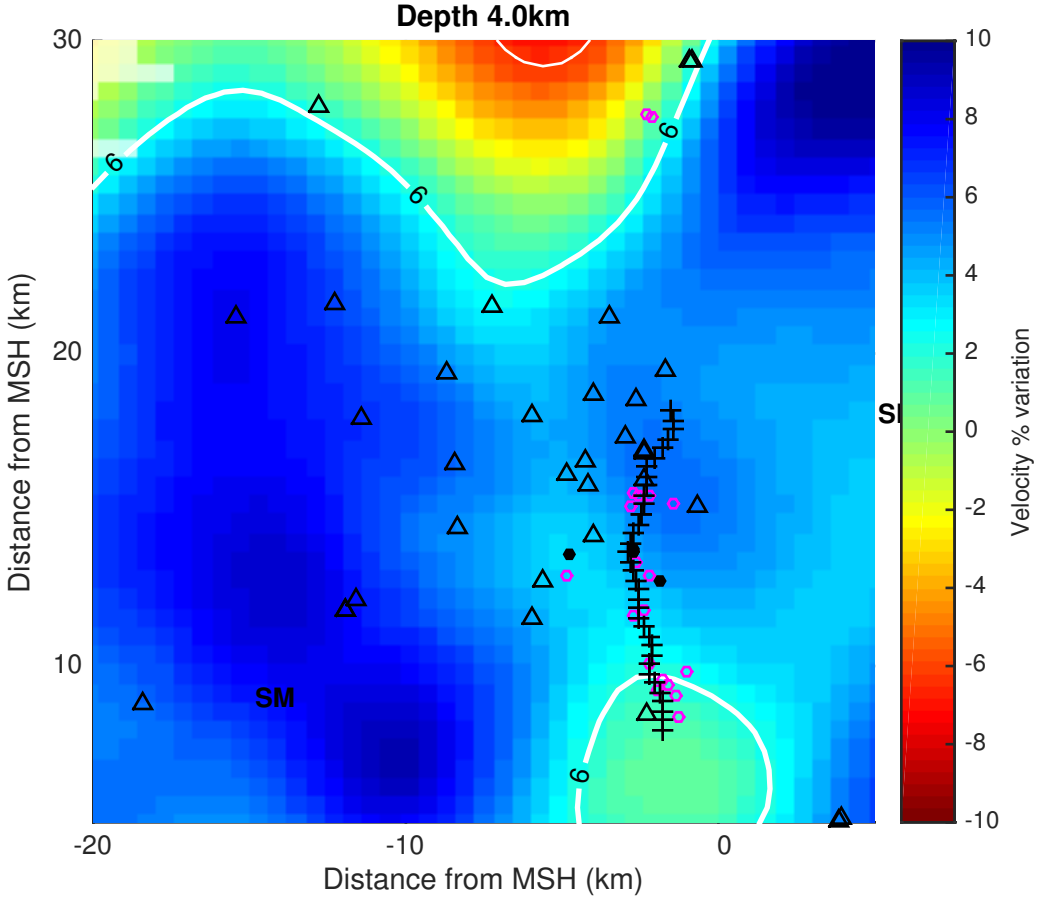
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth 4.0km
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10
Distance from MSH (km)
-20
-10
0
Distance from MSH (km)
SM
SI
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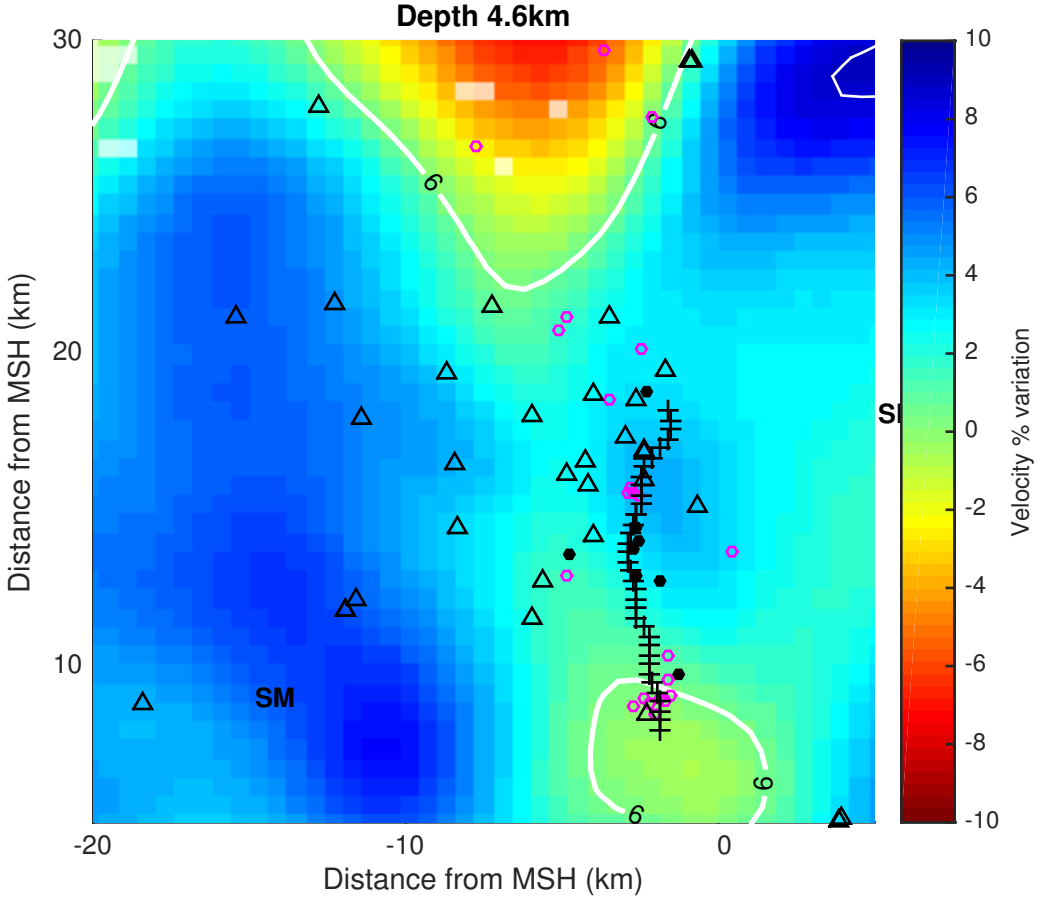
6
6
6
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth 4.6km
30
20
10
Distance from MSH (km)
-20
-10
0
Distance from MSH (km)
SM
SI
6
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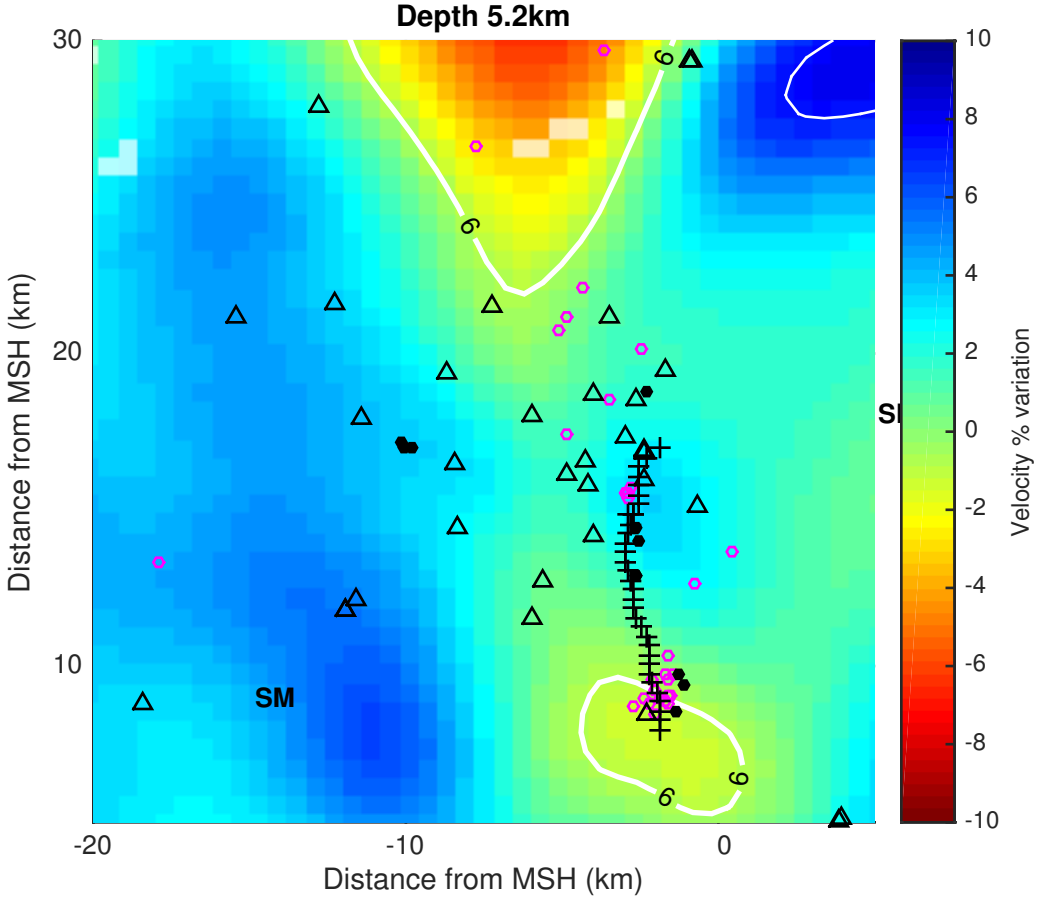
6
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth 5.2km
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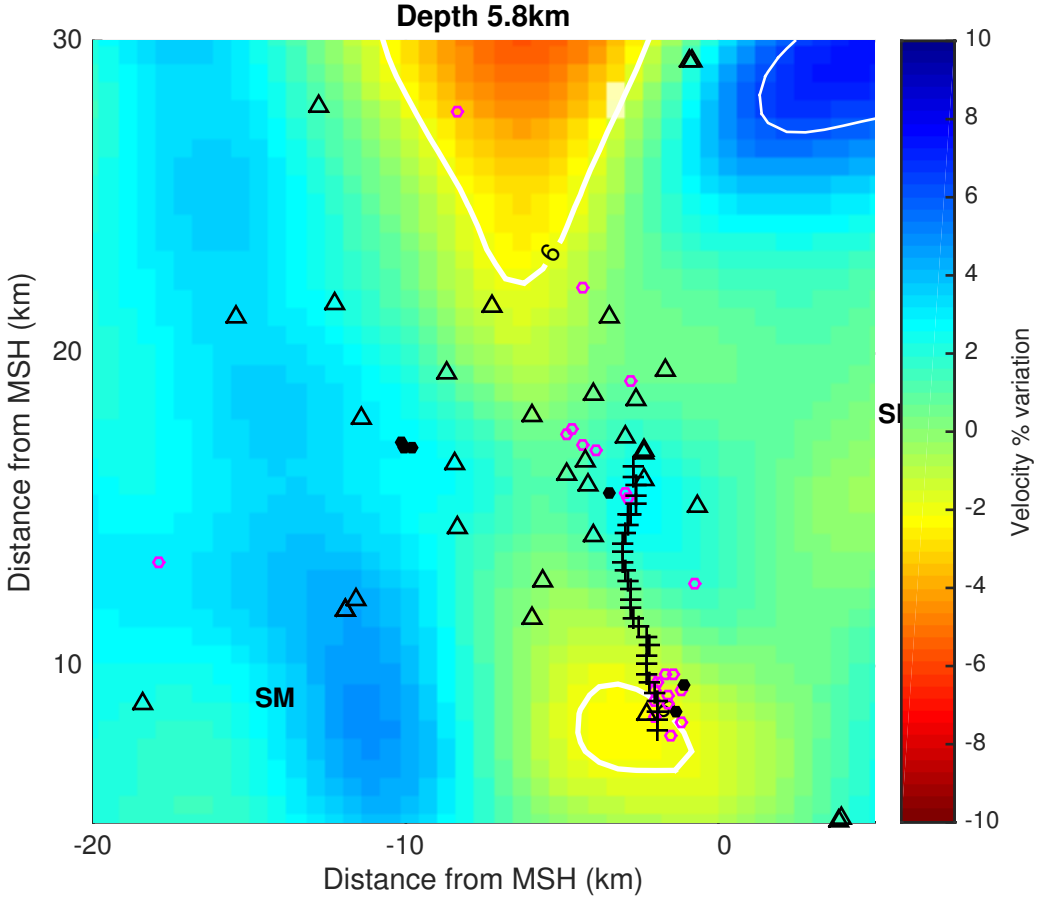
20
10
Distance from MSH (km)
-20
-10
0
Distance from MSH (km)
SM
SI
6
6
6
6
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth 5.8km
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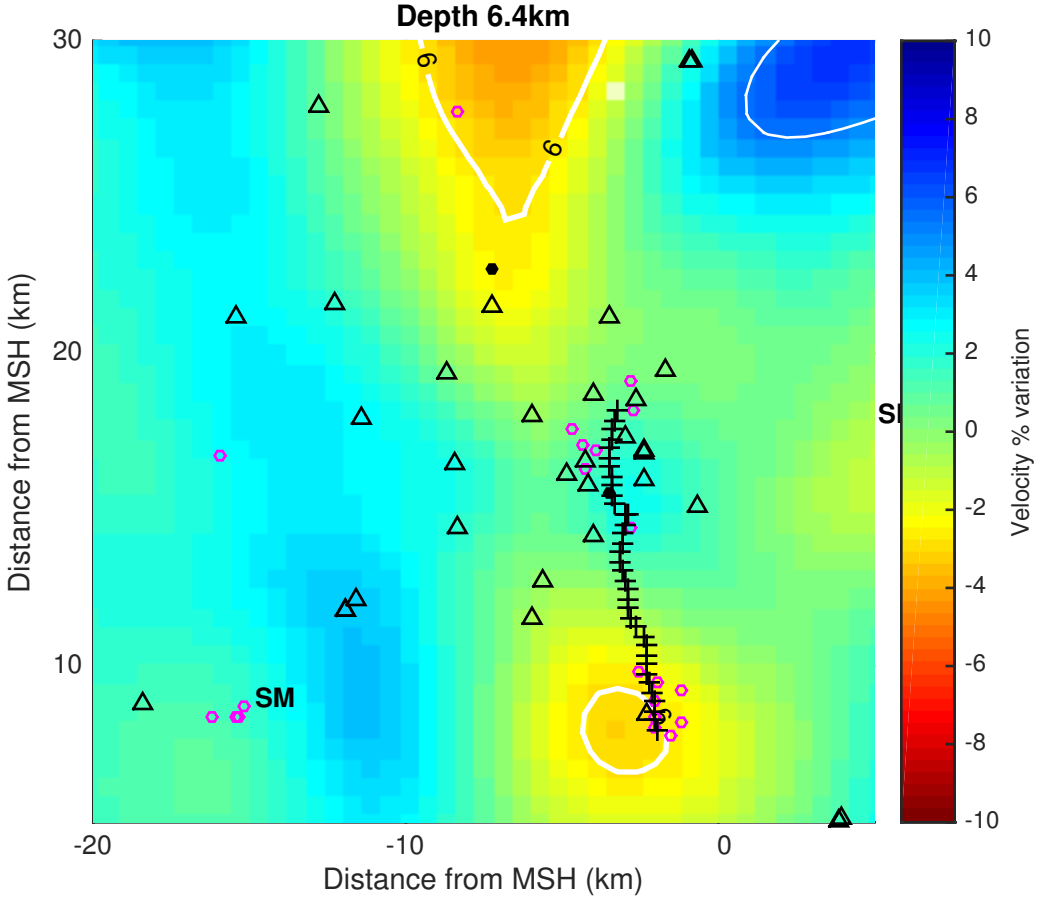
20
10
Distance from MSH (km)
-20
-10
0
Distance from MSH (km)
6
SM
SI
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth 6.4km
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Distance from MSH (km)
-20
-10
0
Distance from MSH (km)
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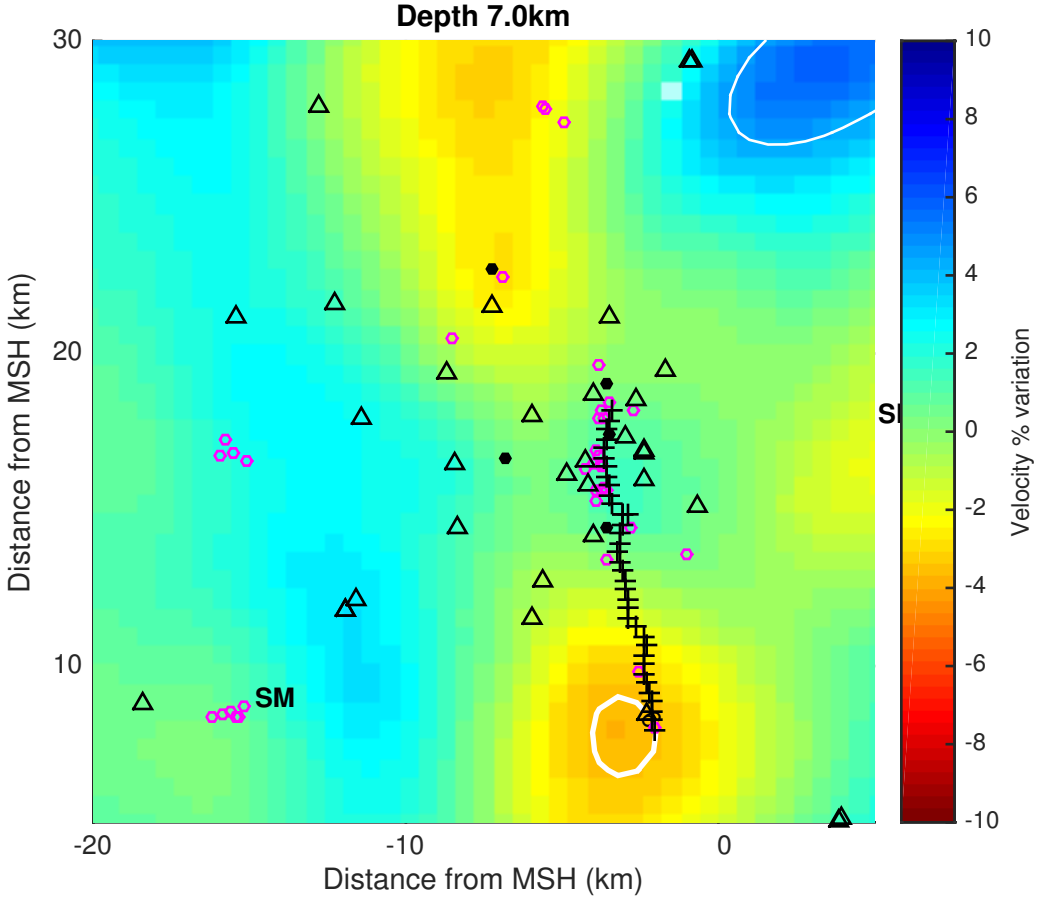
SM
SI
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth 7.0km
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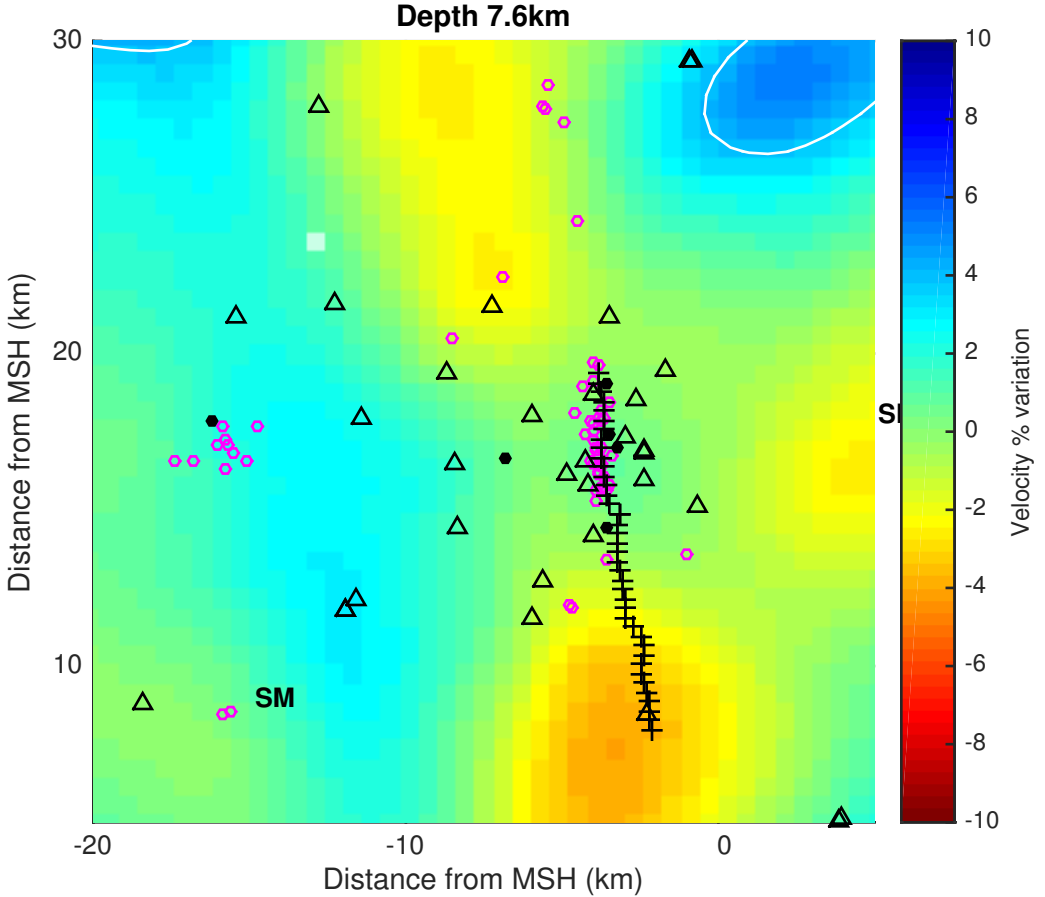
Distance from MSH (km)
-20
-10
0
Distance from MSH (km)
SM
SI
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth 7.6km
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20
10
Distance from MSH (km)
-20
-10
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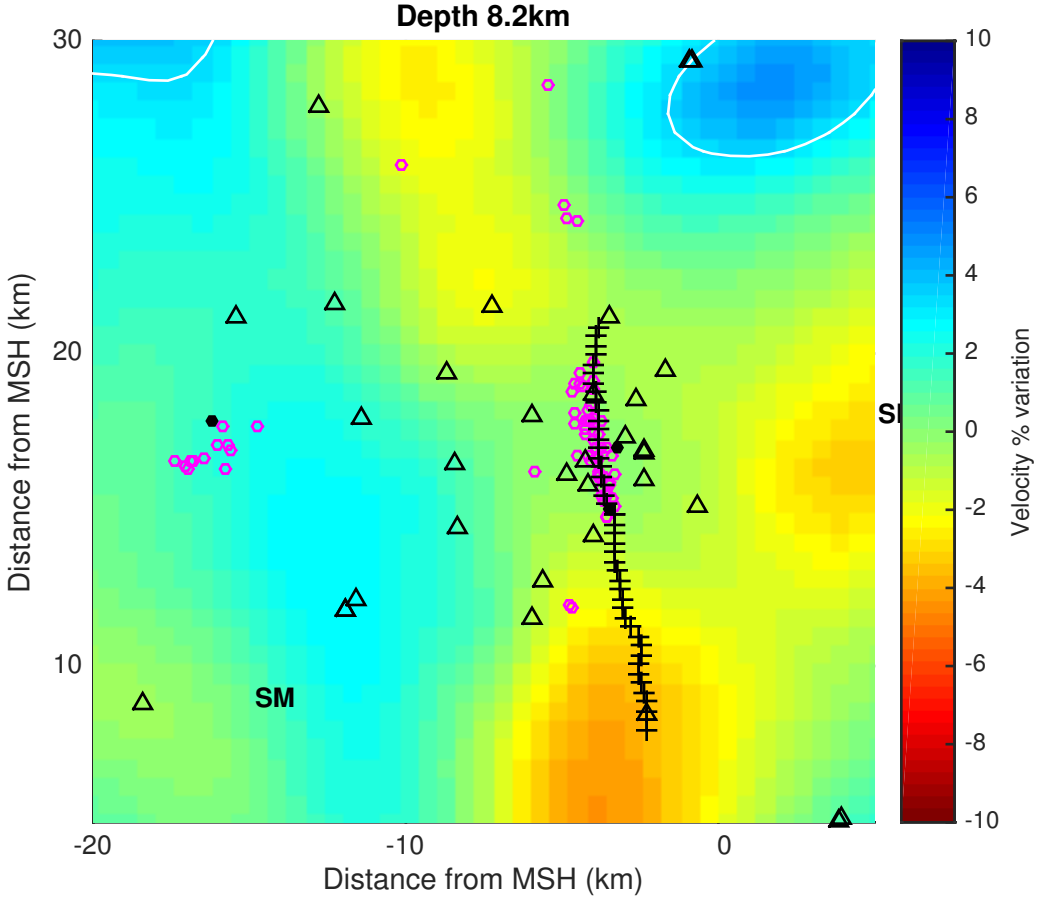
Distance from MSH (km)
SM
SI
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth 8.2km
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Distance from MSH (km)
-20
-10
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Distance from MSH (km)
SM
SI
10
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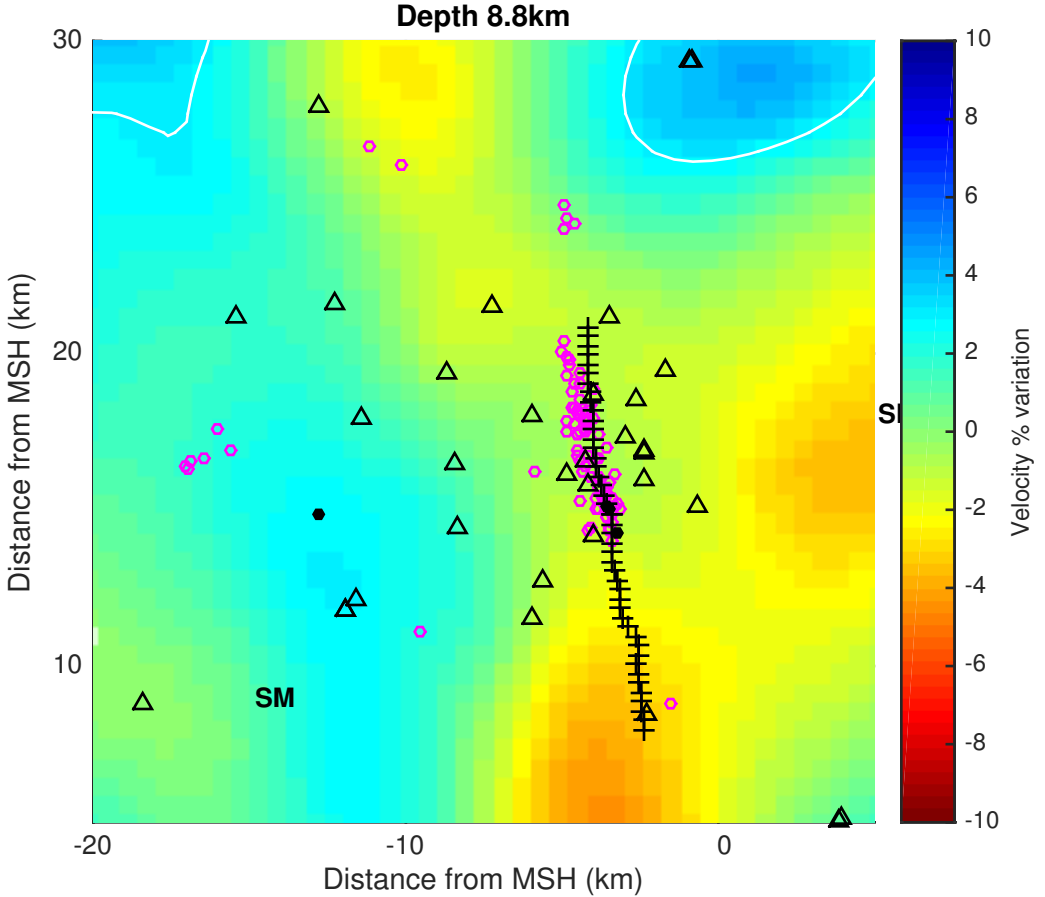
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth 8.8km
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20
10
Distance from MSH (km)
SM
SI
-20
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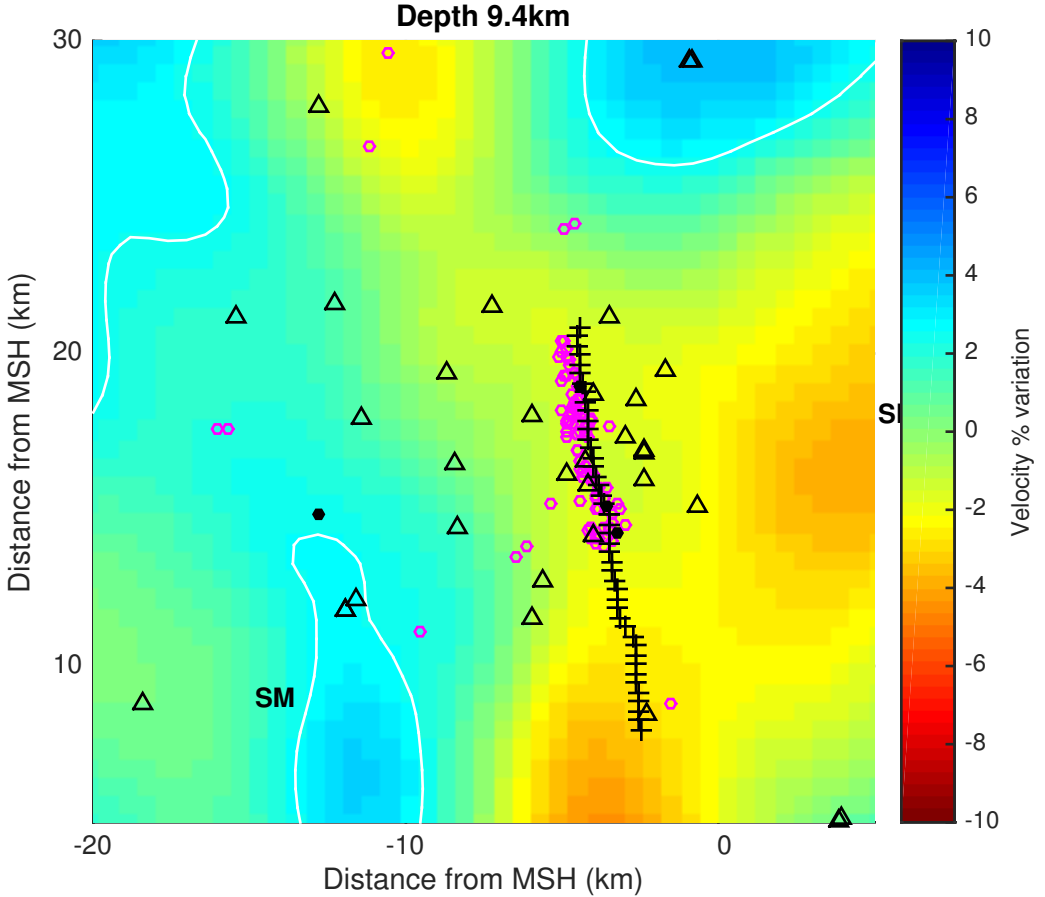
0
Distance from MSH (km)
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth 9.4km
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Distance from MSH (km)
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Distance from MSH (km)
SM
SI
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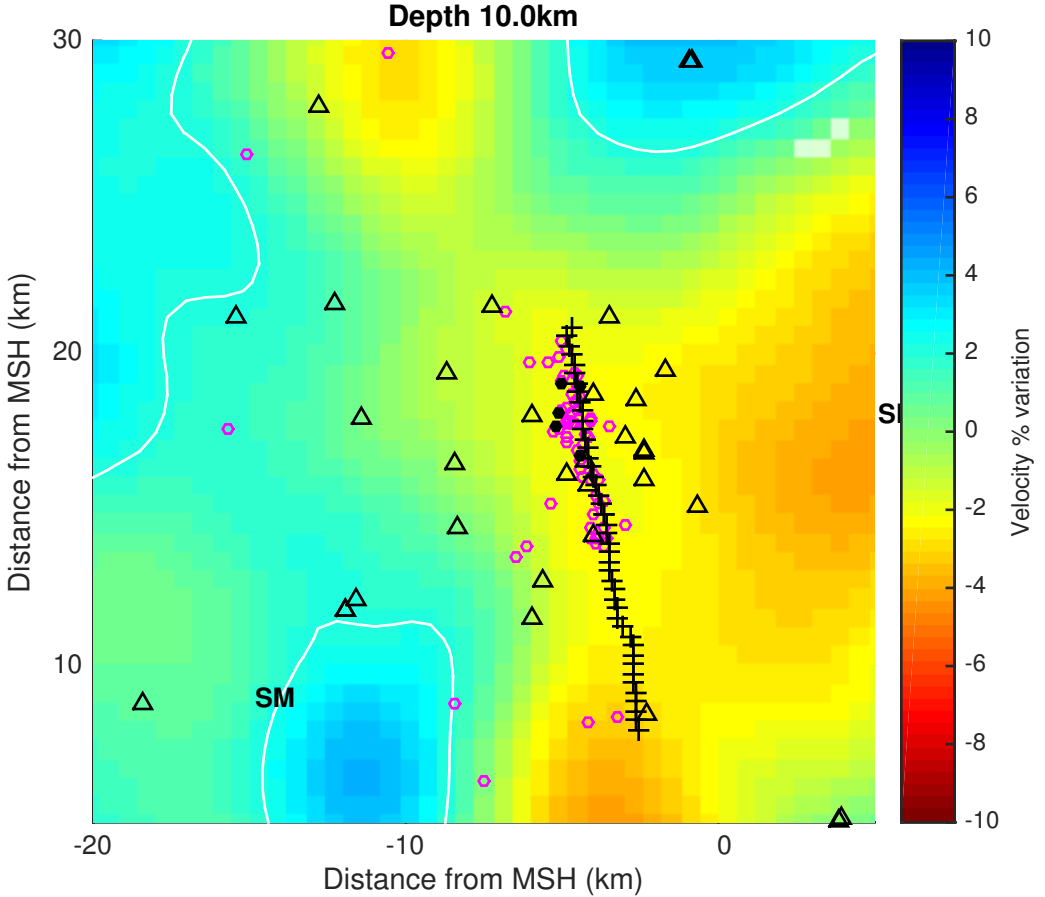
-2
-4
-6
-8
-10
Velocity % variation


Depth 10.0km
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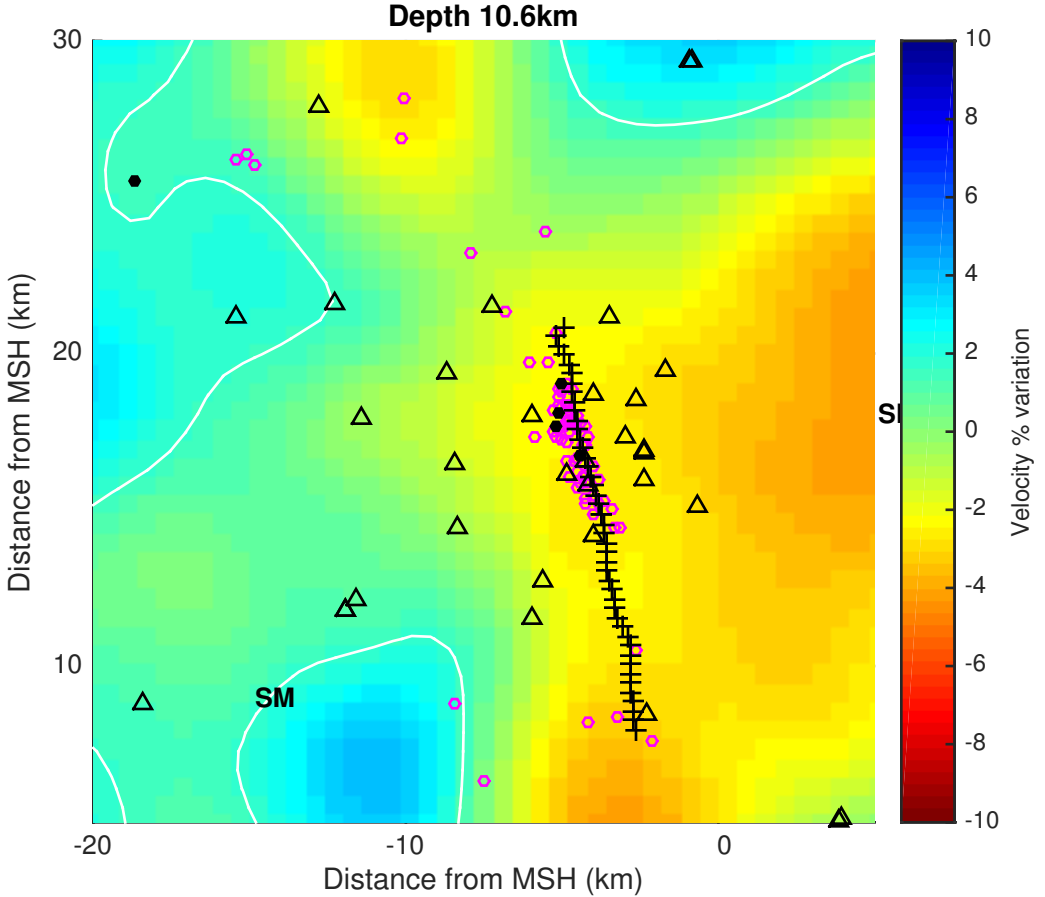
Distance from MSH (km)
-20
-10
0
Distance from MSH (km)
SM
SI
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth 10.6km
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20
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Distance from MSH (km)
-20
-10
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Distance from MSH (km)
SM
SI
10
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6
4
2
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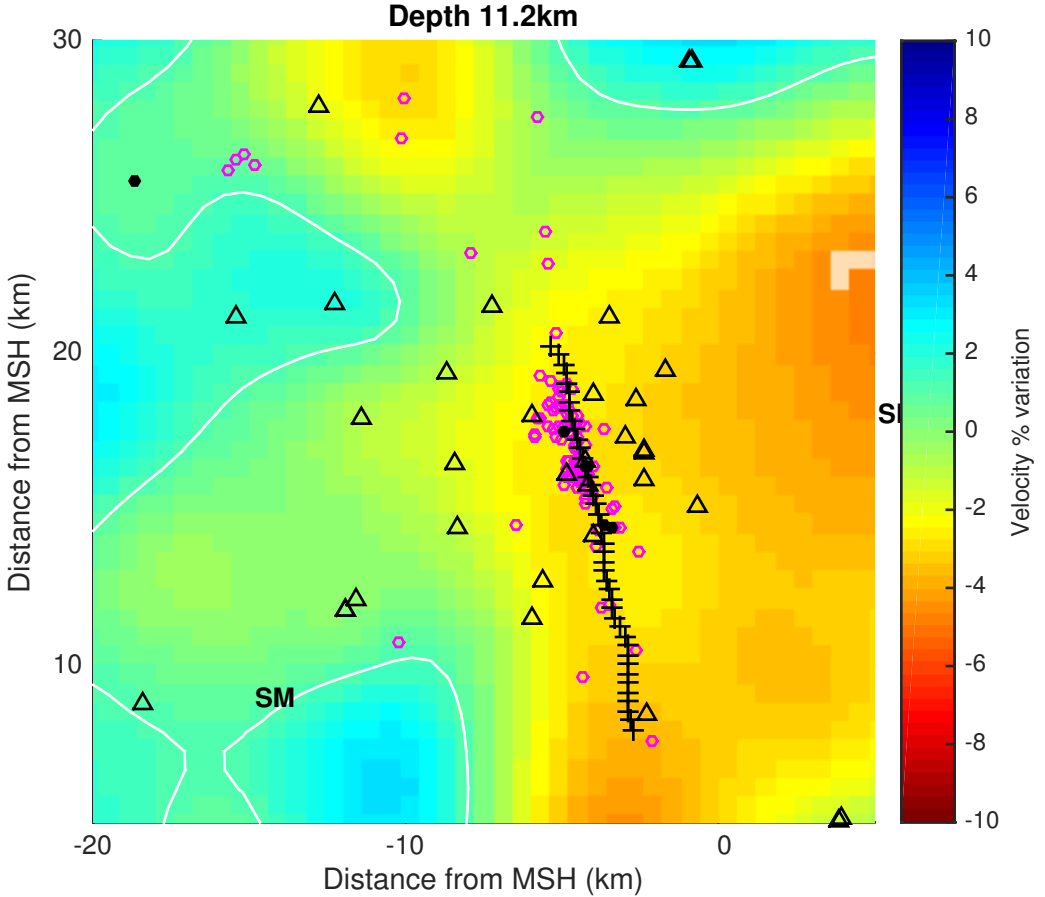
-2
-4
-6
-8
-10
Velocity % variation


Depth 11.2km
30
20
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Distance from MSH (km)
-20
-10
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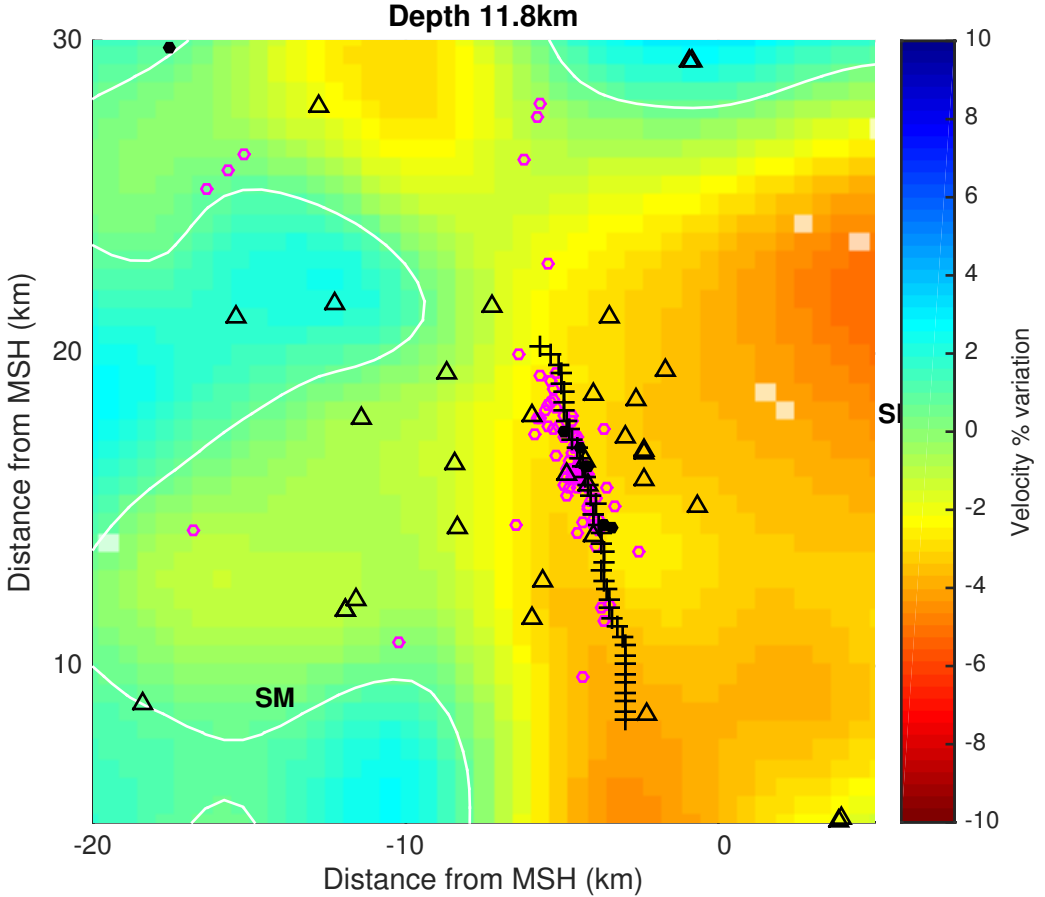
Distance from MSH (km)
SM
SI
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth 11.8km
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20
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Distance from MSH (km)
-20
-10
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Distance from MSH (km)
SM
SI
10
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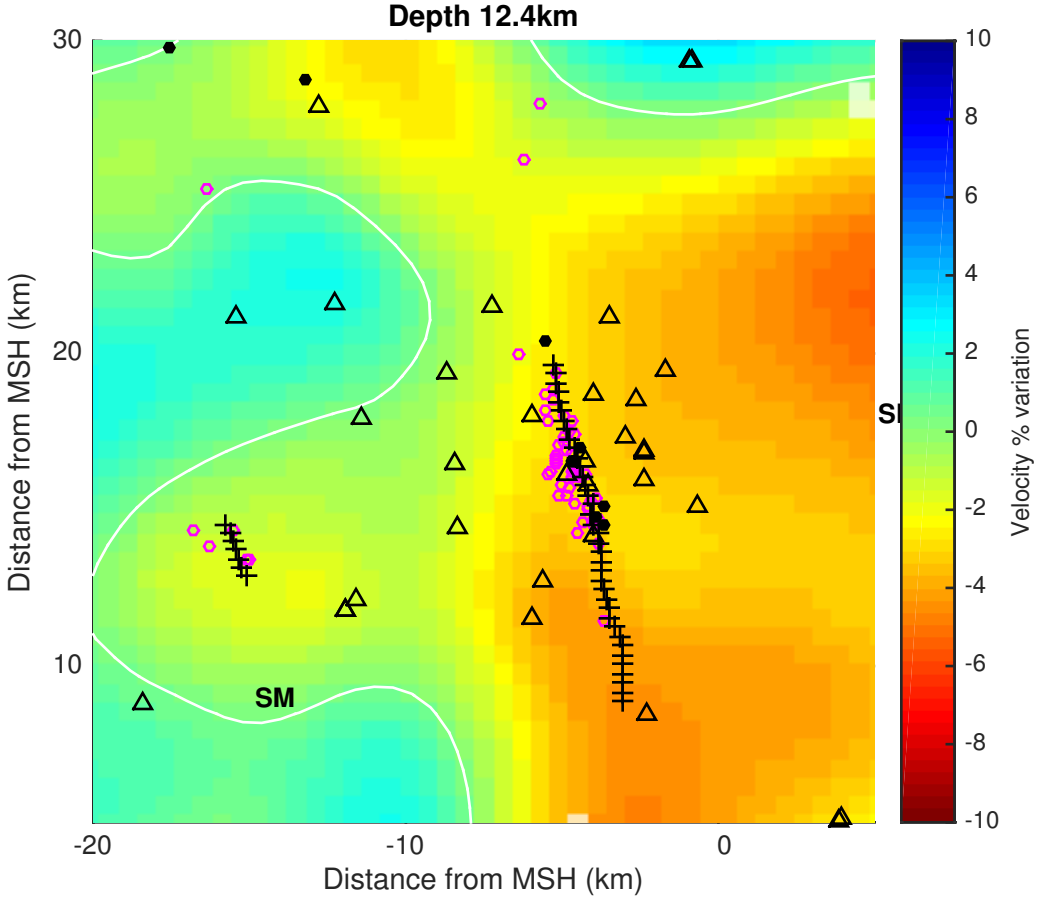
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth 12.4km
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20
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Distance from MSH (km)
-20
-10
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Distance from MSH (km)
SM
SI
10
8
6
4
2
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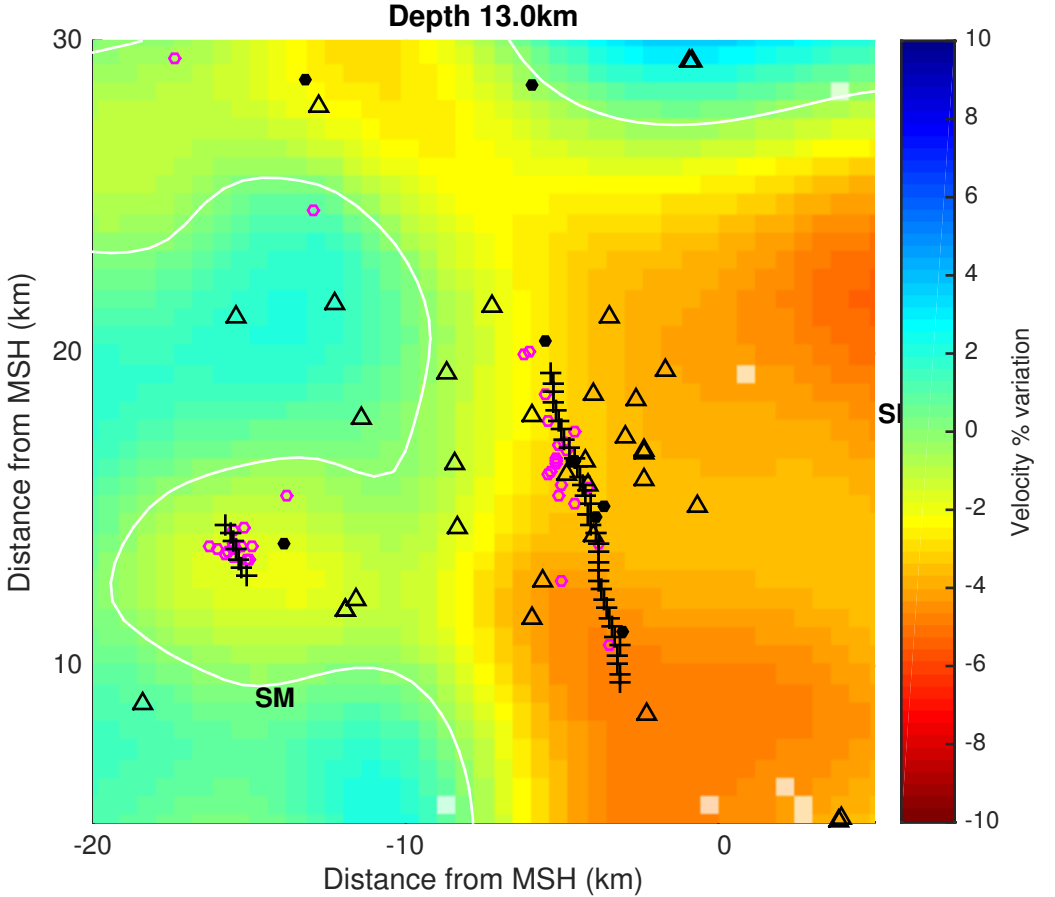
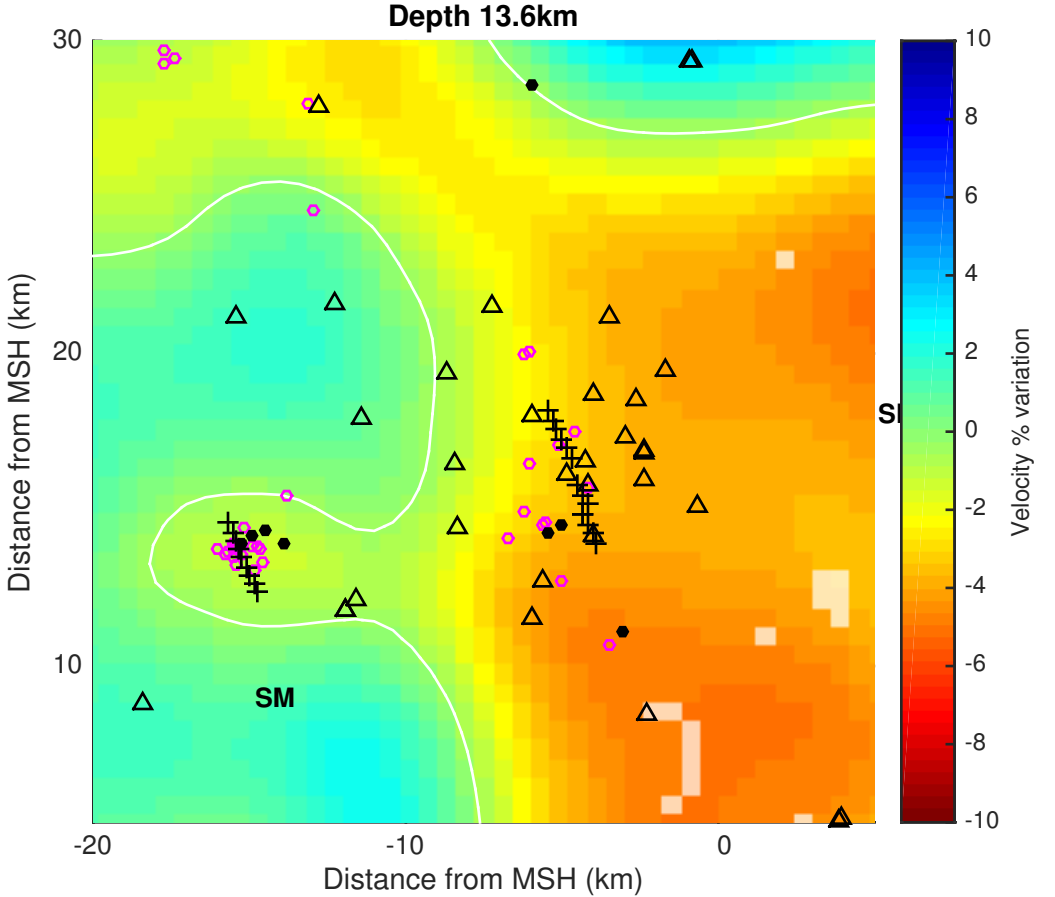
-2
-4
-6
-8
-10
Velocity % variation


Depth 13.0km
30
20
10
Distance from MSH (km)
-20
-10
0
Distance from MSH (km)
SM
SI
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth 13.6km
30
20
10
Distance from MSH (km)
-20
-10
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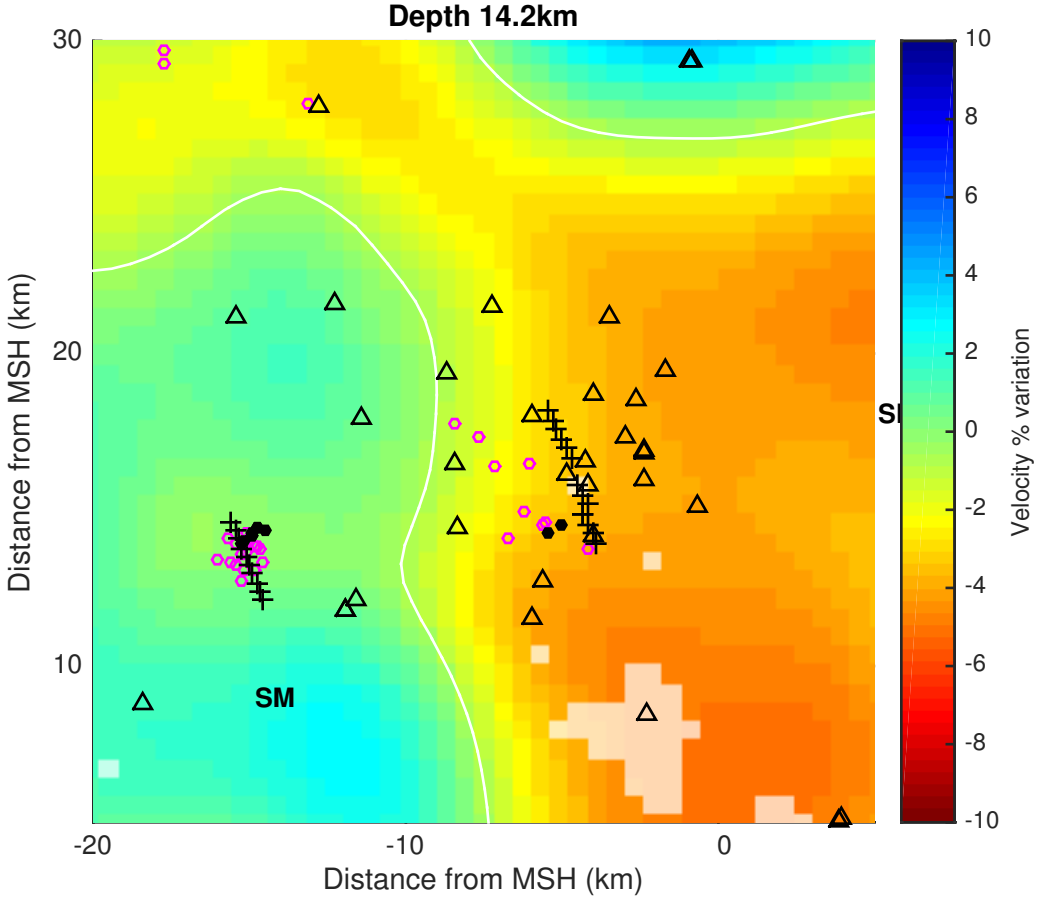
Distance from MSH (km)
SM
SI
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth 14.2km
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Distance from MSH (km)
-20
-10
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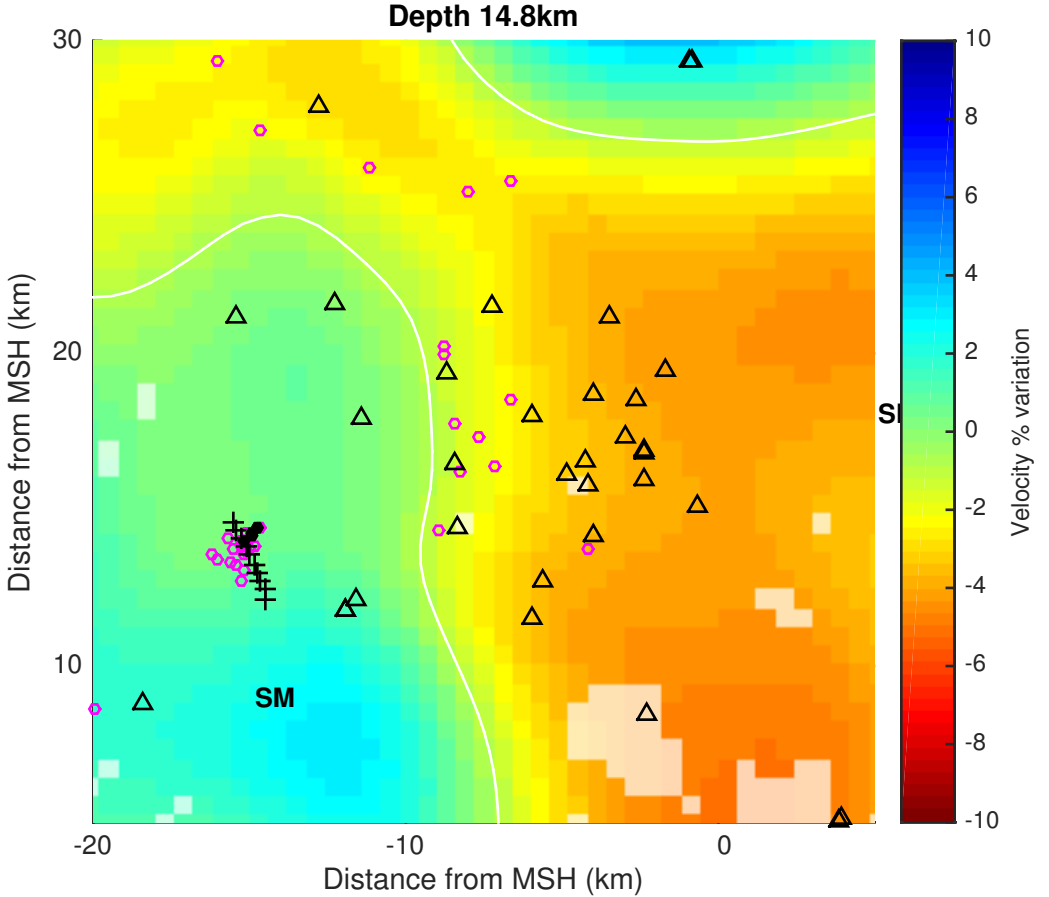
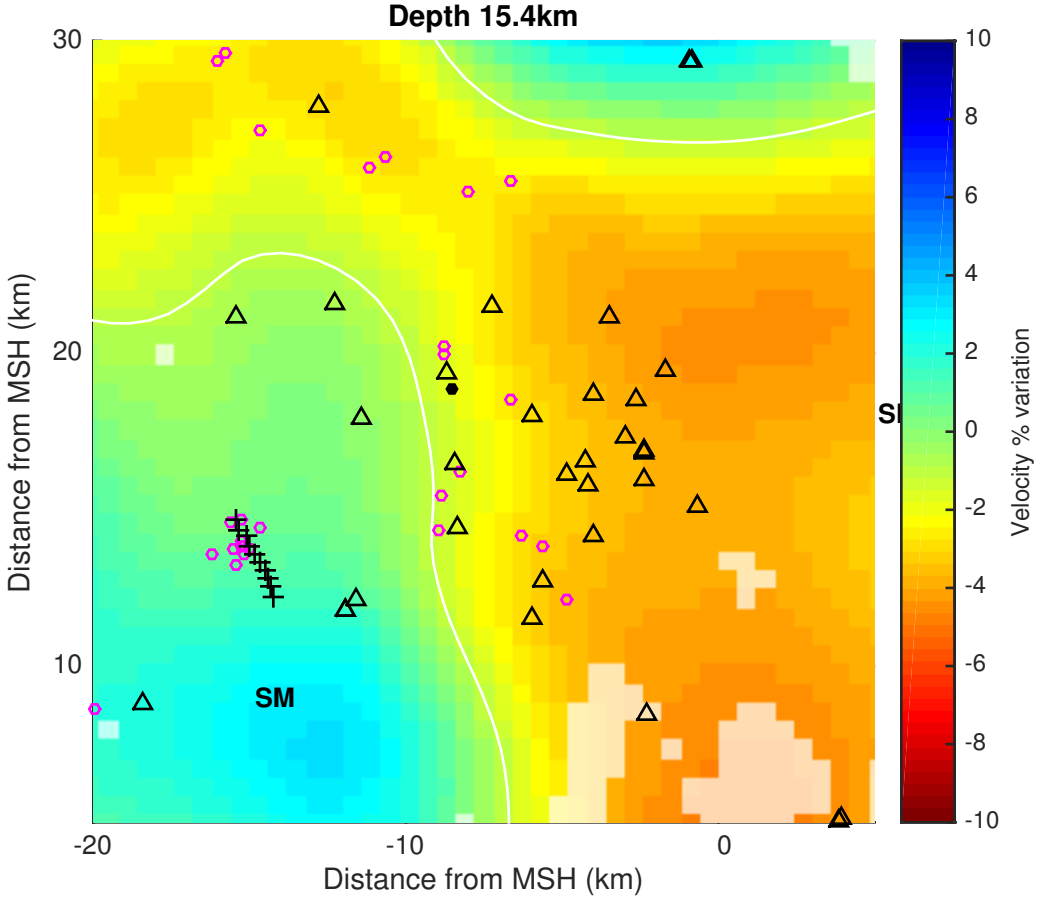
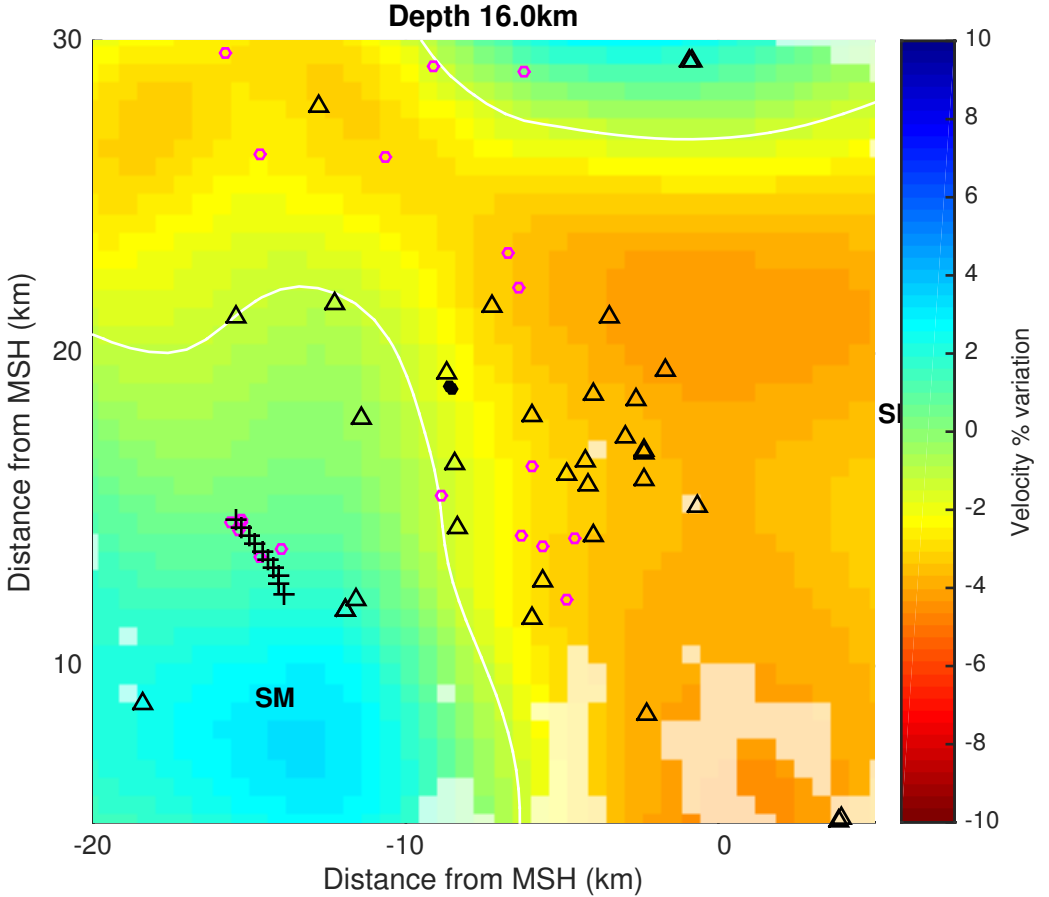
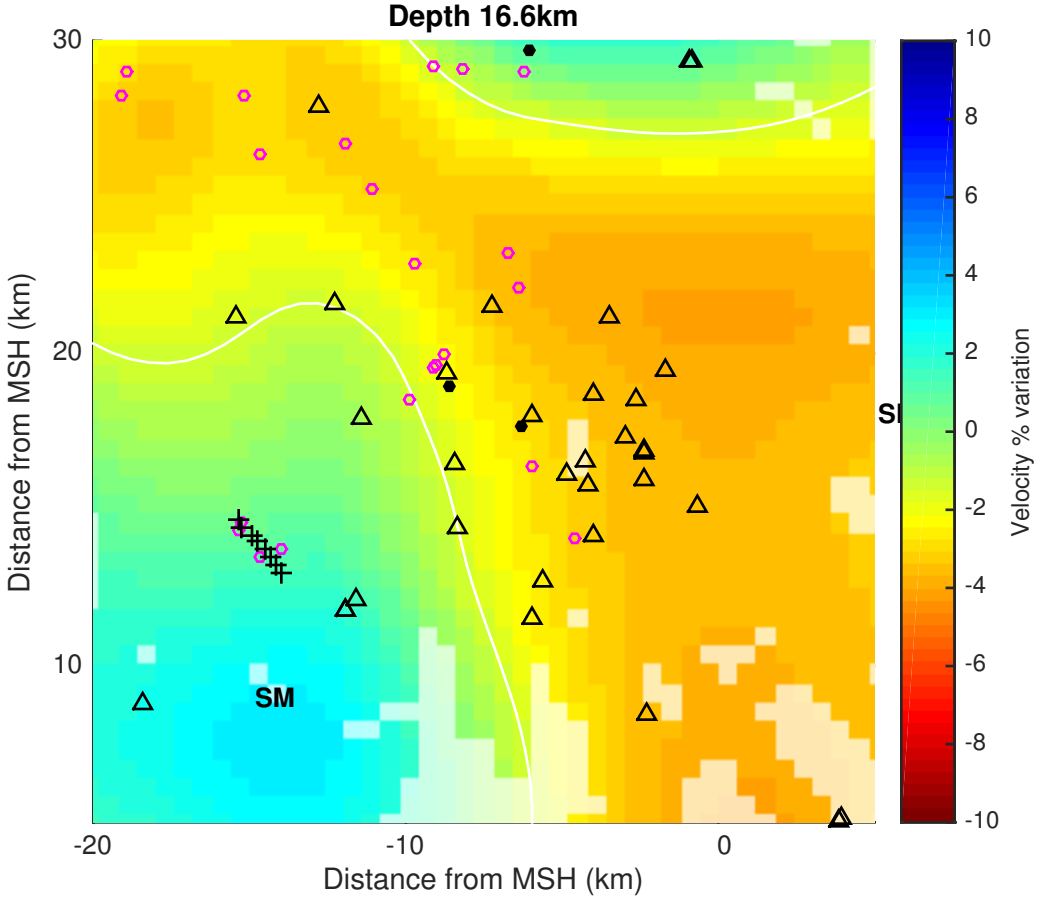
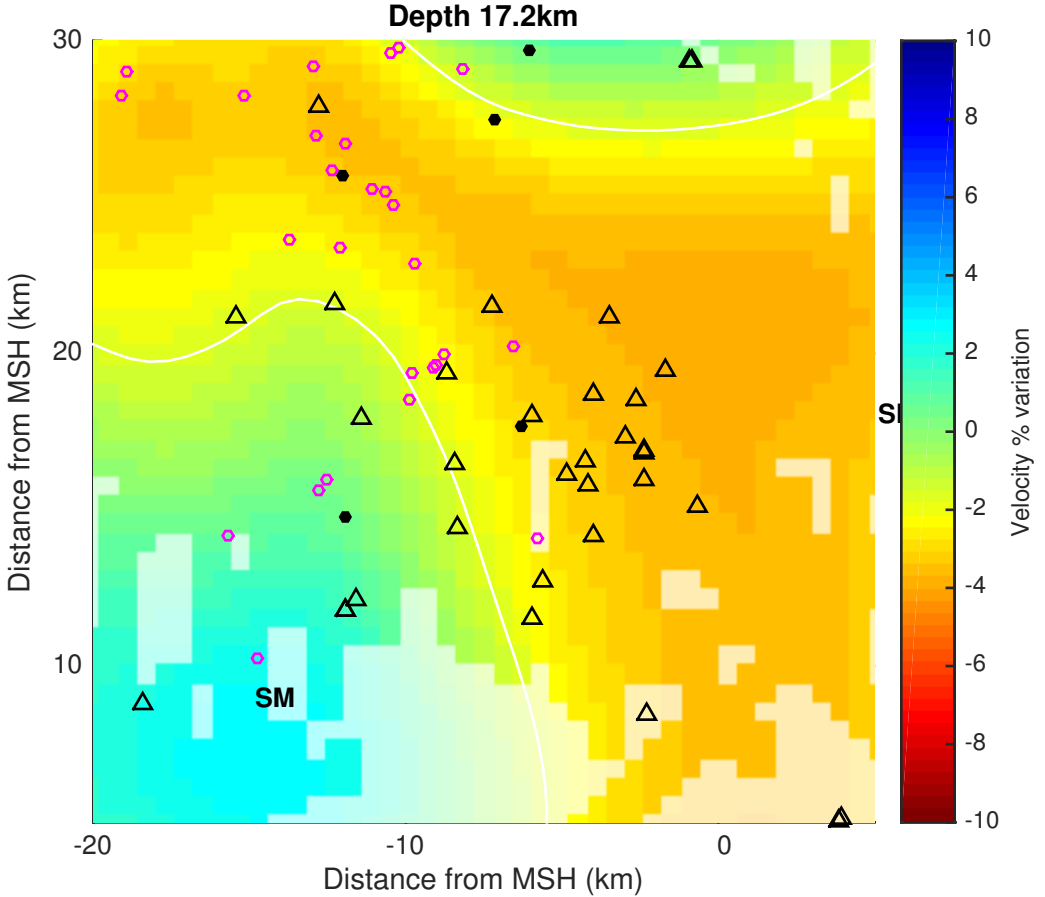
Distance from MSH (km)
SM
SI
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation

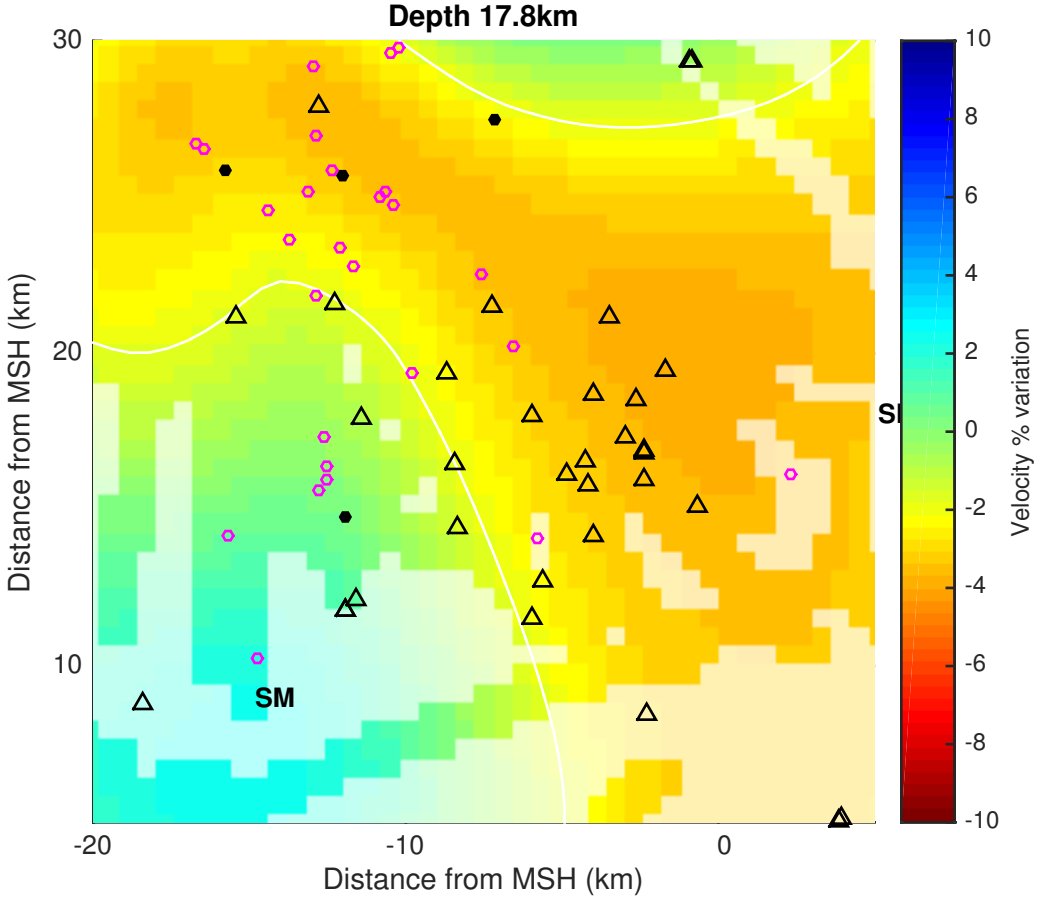

Depth 14.8km
30
20
10
Distance from MSH (km)
-20
-10
0
Distance from MSH (km)
SM
SI
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation

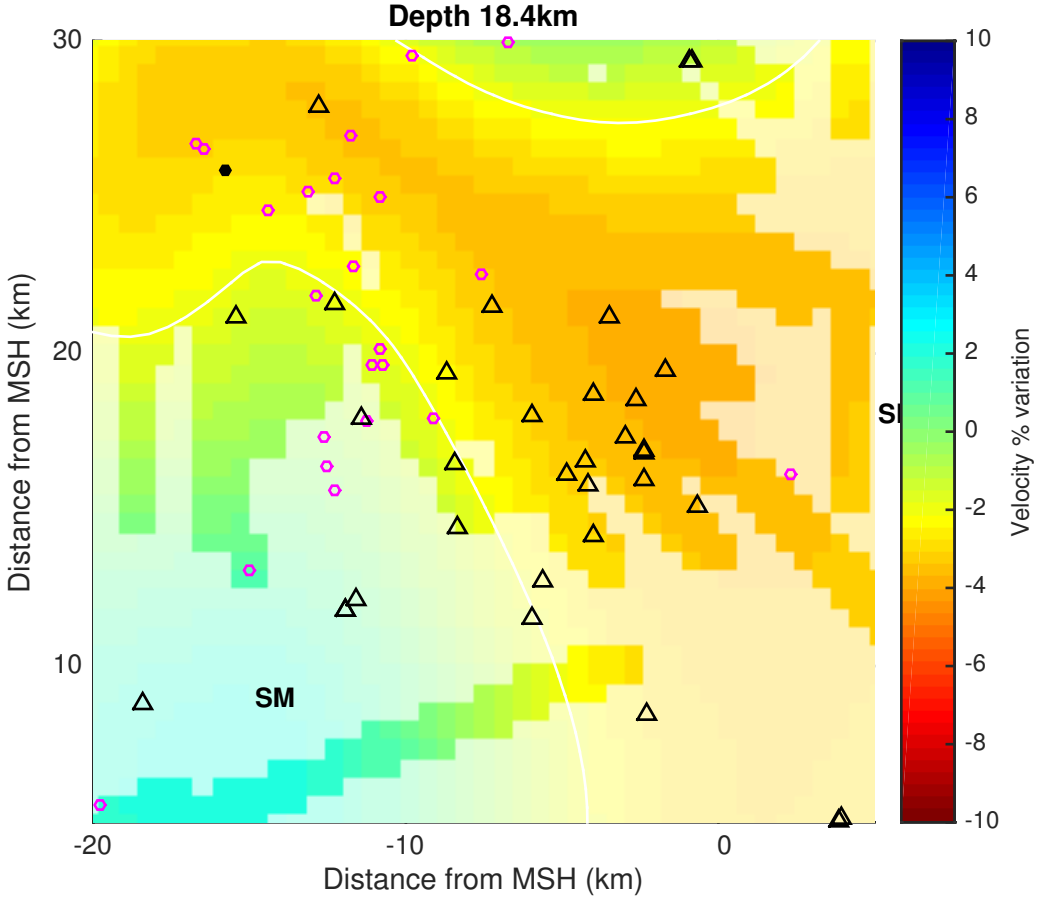

Depth 15.4km
30
20
10
Distance from MSH (km)
-20
-10
0
Distance from MSH (km)
SM
SI
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation

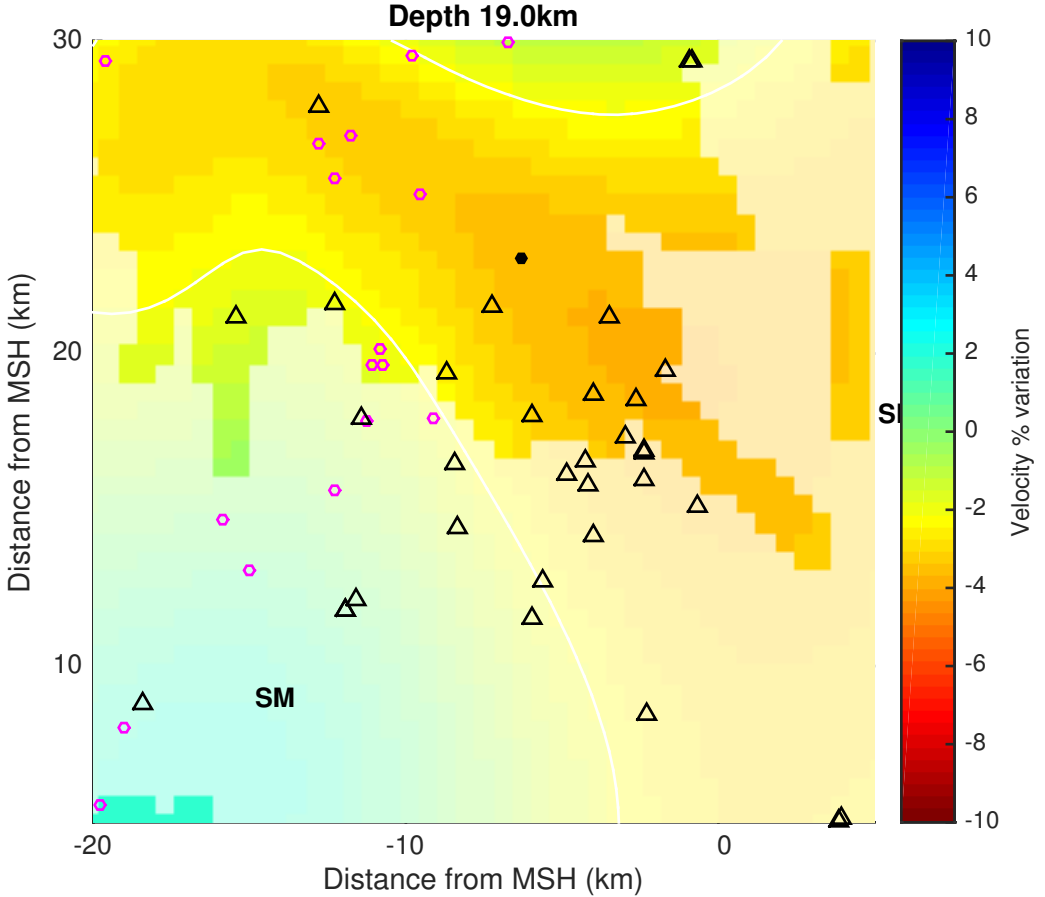

Depth 16.0km
30
20
10
Distance from MSH (km)
-20
-10
0
Distance from MSH (km)
SM
SI
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation

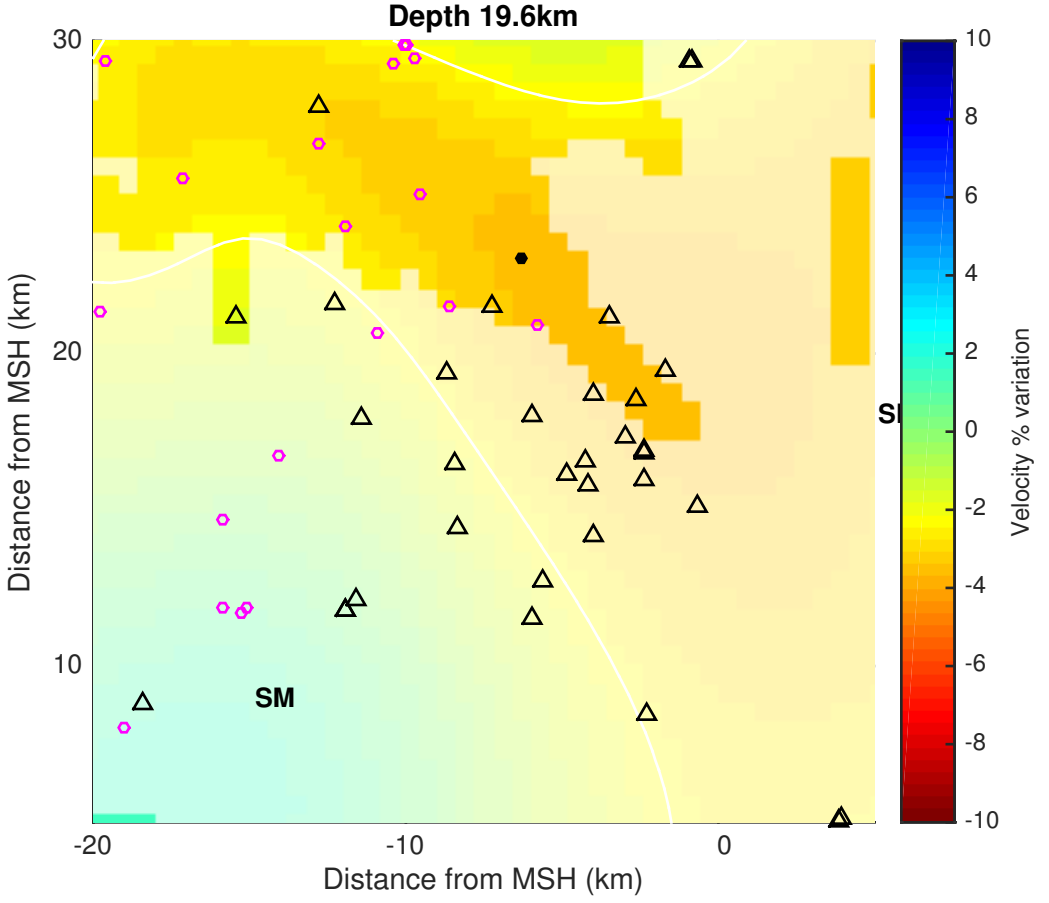

Depth 16.6km
30
20
10
Distance from MSH (km)
-20
-10
0
Distance from MSH (km)
SM
SI
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation

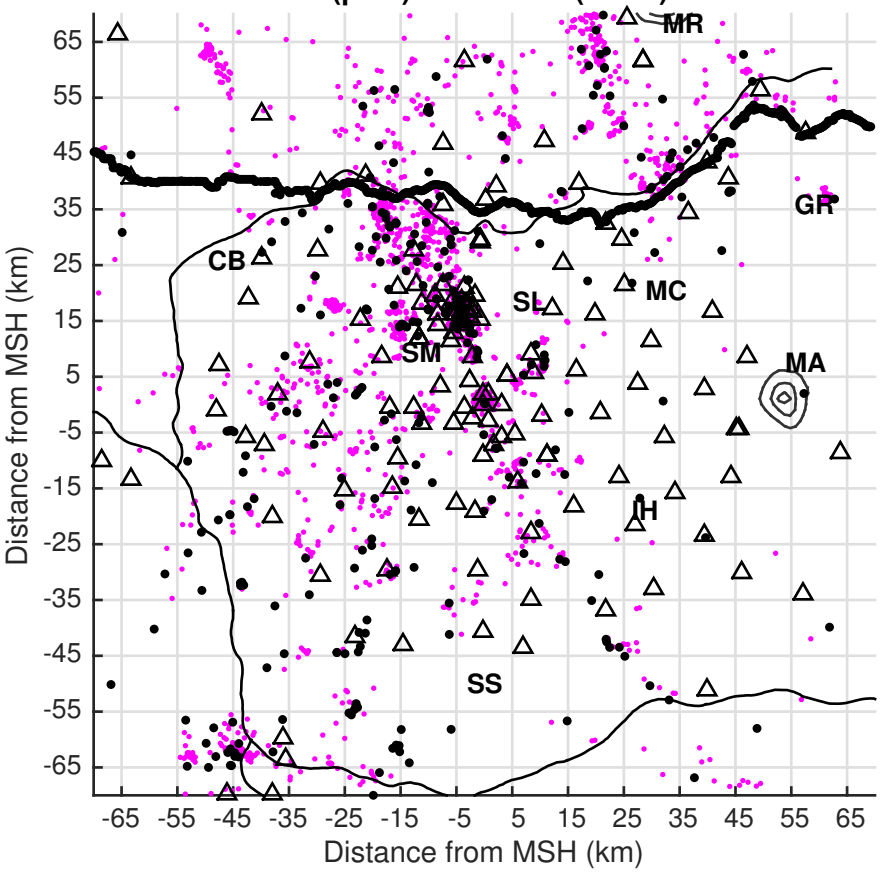

Depth 17.2km
30
20
10
Distance from MSH (km)
-20
-10
0
Distance from MSH (km)
SM
SI
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth 17.8km
30
20
10
Distance from MSH (km)
-20
-10
0
Distance from MSH (km)
SM
SI
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth 18.4km
30
20
10
Distance from MSH (km)
-20
-10
0
Distance from MSH (km)
SM
SI
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth 19.0km
30
20
10
Distance from MSH (km)
-20
-10
0
Distance from MSH (km)
SM
SI
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


Depth 19.6km
30
20
10
Distance from MSH (km)
-20
-10
0
Distance from MSH (km)
SM
SI
10
8
6
4
2
0
-2
-4
-6
-8
-10
Velocity % variation


All PNSN (pink) and model (black) events
MR
GR
CB
SL
MC
SM
MA
IH
SS
Distance from MSH (km)
Distance from MSH (km)
65
55
45
35
25
15
5
-5
-15
-25
-35
-45
-55
-65