



MONIFAULT Project

Hugo's research work

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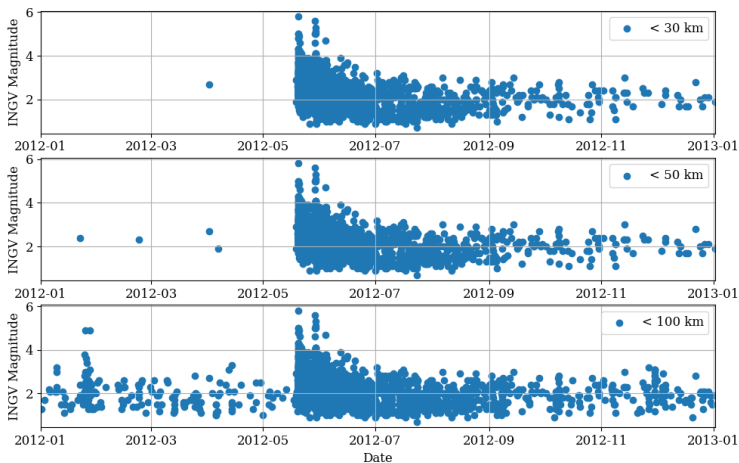
Thursday 16th July, 2020

ISTerre, Université Grenoble Alpes

Catalog

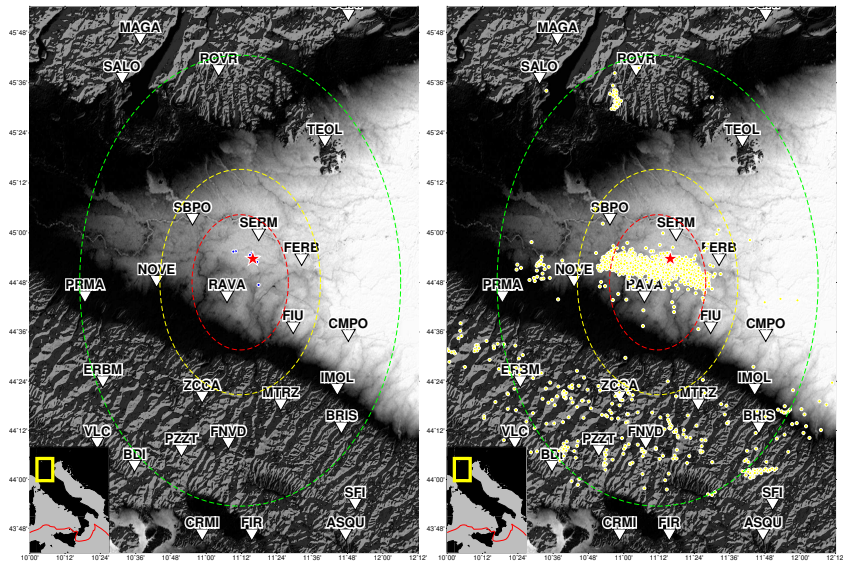
Catalog

INGV Catalog around 2012 Emilia



6 foreshocks at < 30 km

Only



Only 7 foreshocks at < 30 km

2012-04-01T10:22:12.620000 ML 2.7

2012-05-18T19:40:15.960000 ML 2.9

2012-05-18T19:44:41.000000 ML 1.9

2012-05-19T17:09:31.820000 ML 2.6

2012-05-19T23:13:25.620000 Mw 4.0

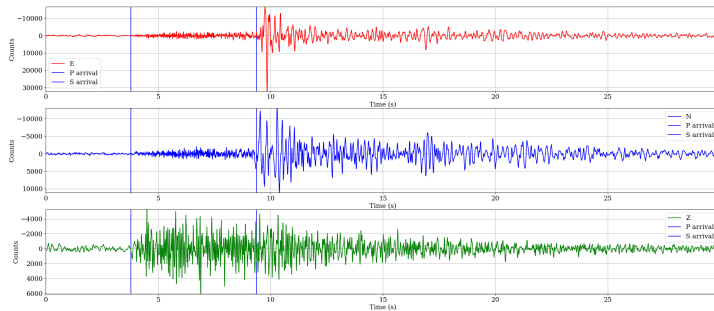
2012-05-19T23:42:51.990000 ML 2.2

2012-05-20T01:41:35.240000 ML 1.8

2012-05-20T02:03:50.170000 Mw 5.8

Event 0 (ML 2.7) at RAVA (closest station)

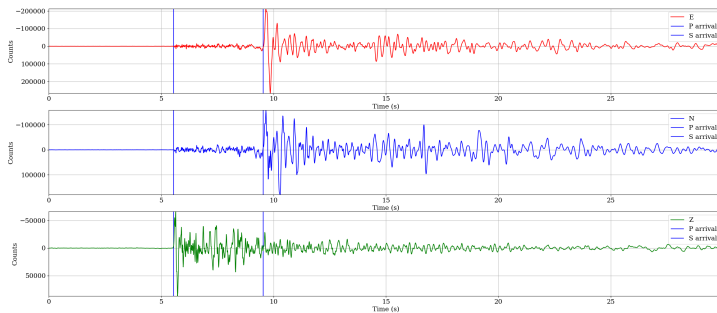
RAVA distance = 20.3739727653 km



Traveltimes estimated first with Pyrocko and then corrected with PhaseNet

Event 1 (ML 2.9) at RAVA (closest station)

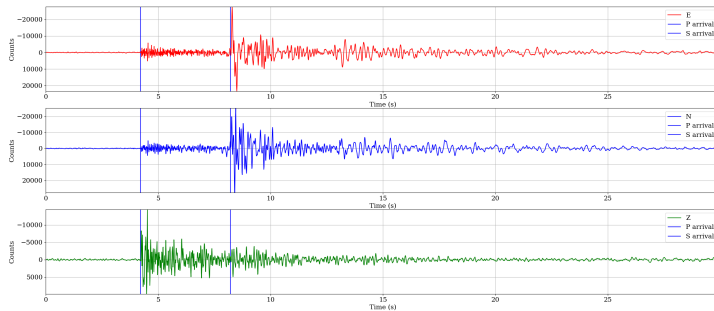
RAVA distance = 20.3196783675 km



Traveltimes estimated first with Pyrocko and then corrected with PhaseNet

Event 2 (ML 1.9) at RAVA (closest station)

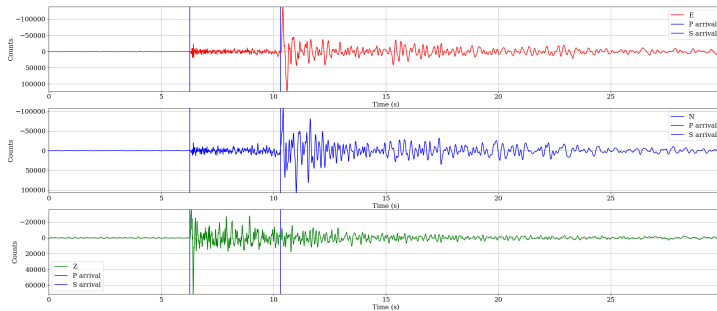
RAVA distance = 24.1202862118 km



Traveltimes estimated first with Pyrocko and then corrected with PhaseNet

Event 3 (ML 2.6) at RAVA (closest station)

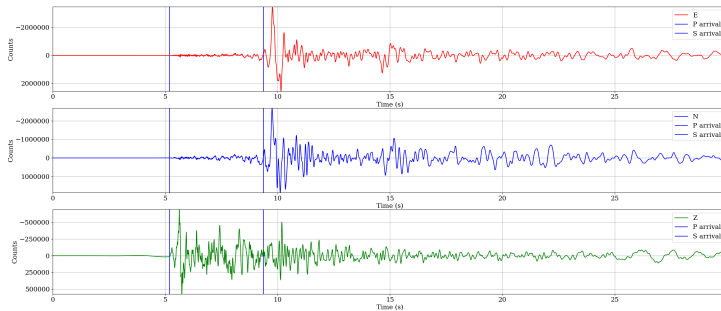
RAVA distance = 19.8174551881 km



Traveltimes estimated first with Pyrocko and then corrected with PhaseNet

Event 4 (Mw 4.0) at RAVA (closest station)

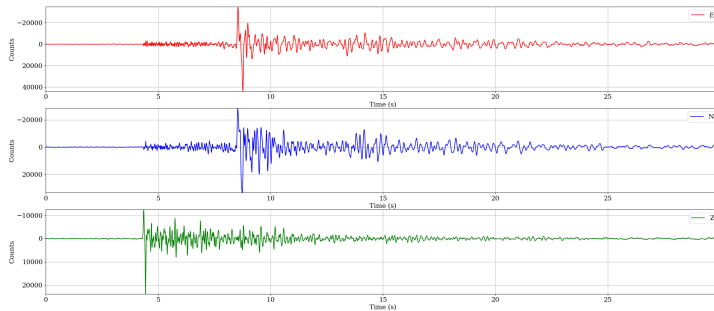
RAVA distance = 22.9801038585 km



Traveltimes estimated first with Pyrocko and then corrected with PhaseNet

Event 5 (ML 2.2) at RAVA (closest station)

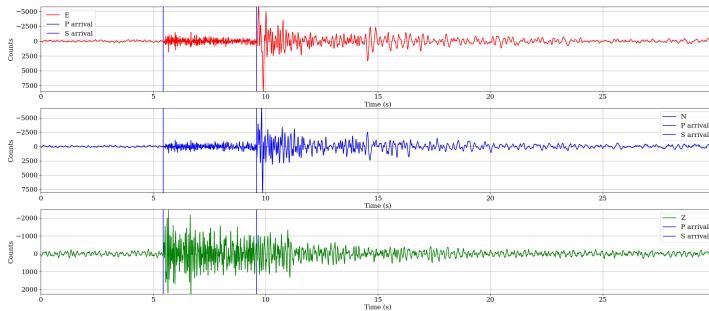
RAVA distance = 25.9120013384 km



Traveltimes estimated first with Pyrocko and then corrected with PhaseNet

Event 6 (ML 1.8) at RAVA (closest station)

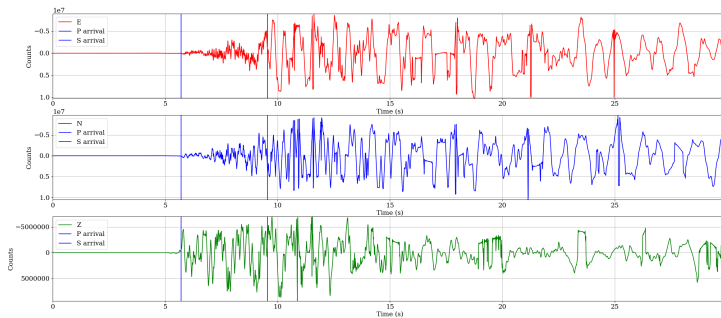
RAVA distance = 24.0795654135 km



Traveltimes estimated first with Pyrocko and then corrected with PhaseNet

Event 7 MAINSHOCK (Mw 5.8) at RAVA (closest station)

RAVA distance = 22.9393830602 km



Traveltimes estimated first with Pyrocko and then corrected with PhaseNet

Event 0 (ML 2.7) at RAVA (closest station) 2012-04-01

