A 3-D shear-wave velocity model across the Alpine-Mediterranean mobile belt from high-resolution Rayleigh wave tomography

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measurements were obtained dispersion curves”. The measurements ~200,000 Unprecedented number of the top of each other as function velocity curves are plotted on averaged inter-station phase dispersion curve and its directions plotted on top of events from both propagation curves for all the considered WDD from the two representing events recorded (red and black circles showing the processed events measurements: station phase velocity Figure 2

PHASE VELOCITY MEASUREMENTS

Figure 2: Top: Example of a 3D shear-wave velocity model across the Alpine-Mediterranean mobile belt from high-resolution Rayleigh wave tomography. The color of each station represents the number of available waveforms for each single station.

3-D SHEAR WAVE VELOCITY MODEL

Figure 3: Example of 3D shear-wave velocity model across the Alpine-Mediterranean mobile belt from high-resolution Rayleigh wave tomography. The color represents the number of events recorded in each single station.

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REFERENCES