

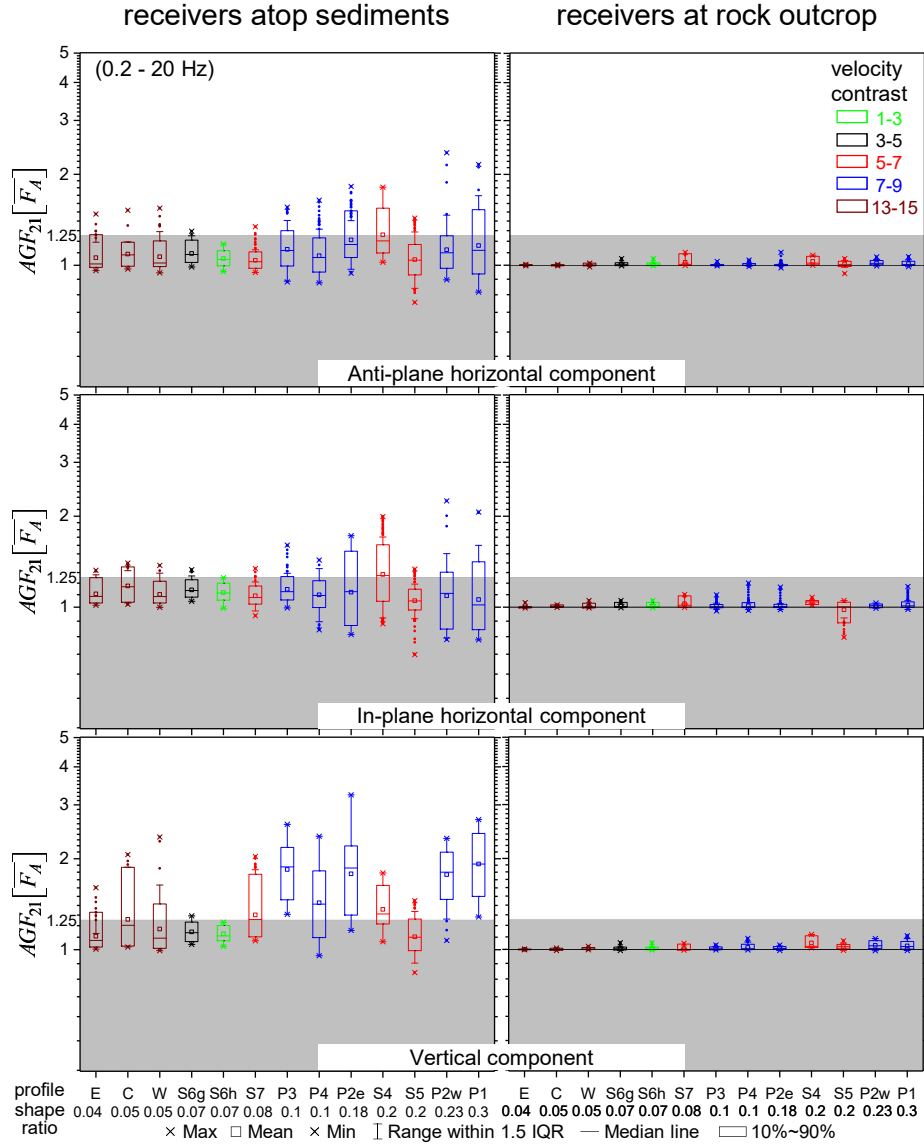


Fig. 1a 2D/1D aggravation factor for $\overline{F_A}$ for all profiles ordered according to the value of the shape ratio (maximum sediment thickness over width). An additional colour code is provided as an index for the sediment / bedrock velocity contrast. Frequency range: 0.2-20 Hz.

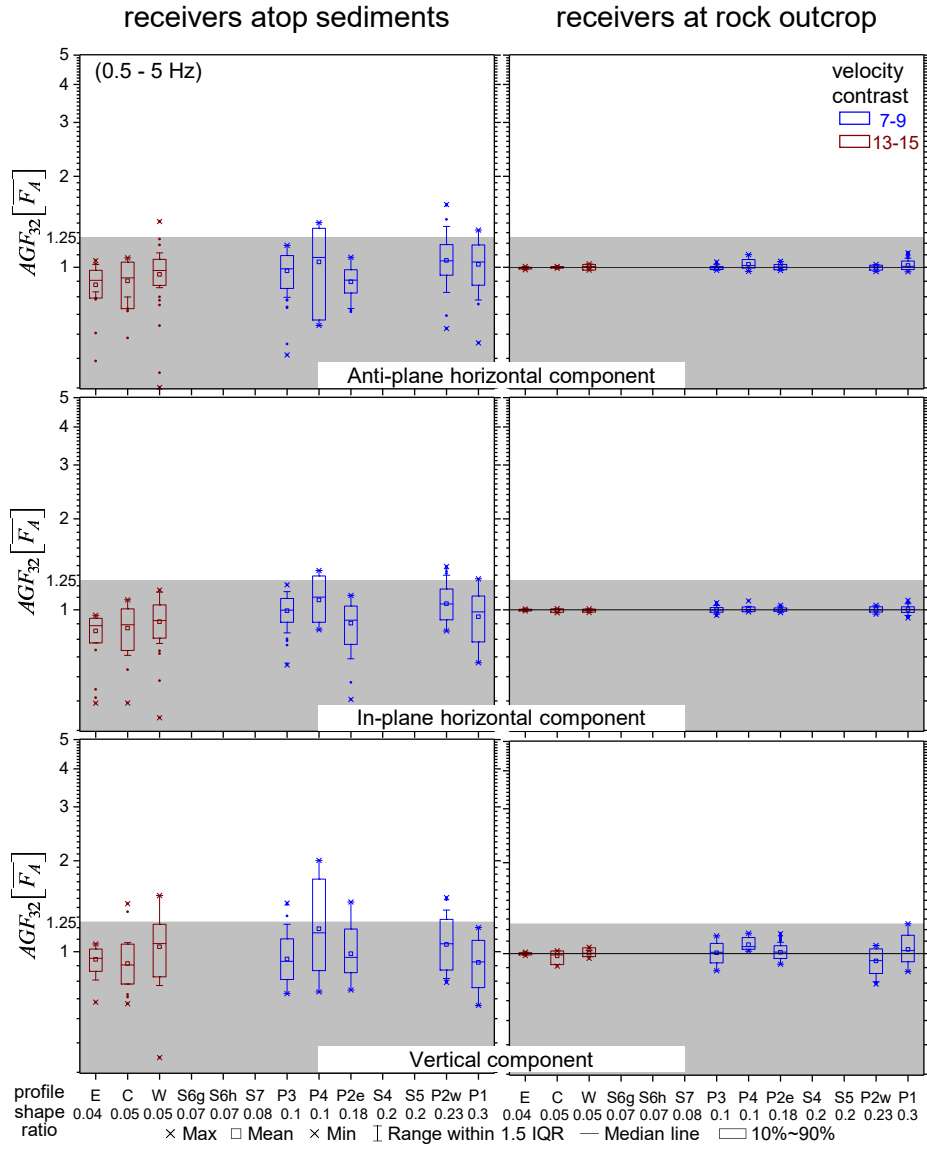


Fig. 1b 3D/2D aggravation factor for $\overline{F_A}$ for all profiles ordered according to the value of the shape ratio (maximum sediment thickness over width). An additional colour code is provided as an index for the sediment / bedrock velocity contrast. Frequency range: 0.5-5 Hz.

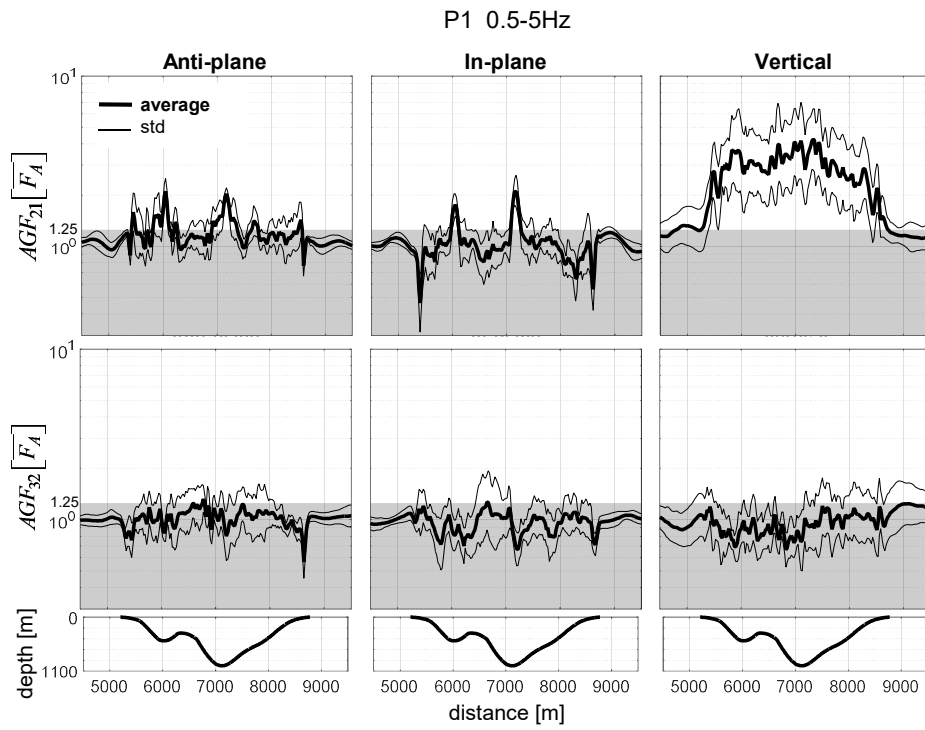


Fig. 2 3D/2D and 2D/1D aggravation factors for $\overline{F_A}$ along profile P1 in the Grenoble valley, Site 2. Note that here we show the 2D/1D factor only up to 5 Hz for comparison with the 3D/2D factors.

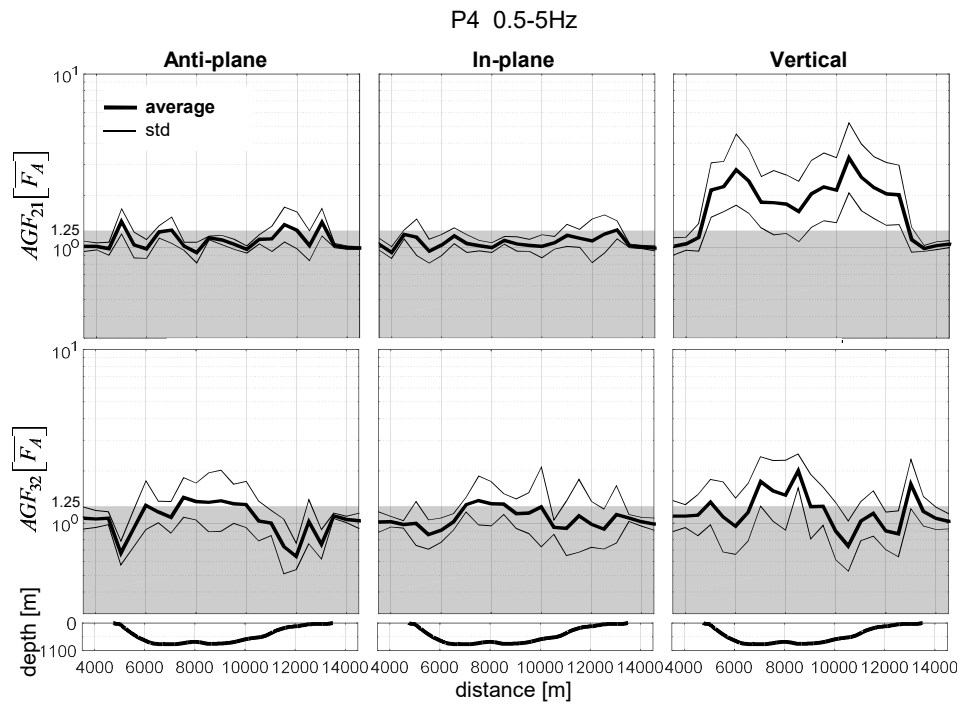


Fig. 3 3D/2D and 2D/1D aggravation factors for $\overline{F_A}$ along profile P4 in the Grenoble valley, Site 2. Note that here we show the 2D/1D factor only up to 5 Hz for comparison with the 3D/2D factors.