Supplementary Material: Breaking Wave Induced Pressure and Acceleration on a Cliff-top Boulder

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1. Times Series of Repeated Tests

Figure 1 presents the pressure and x-axis acceleration time series of the 7, nominally identical, tests carried out at $x_f = 0$.

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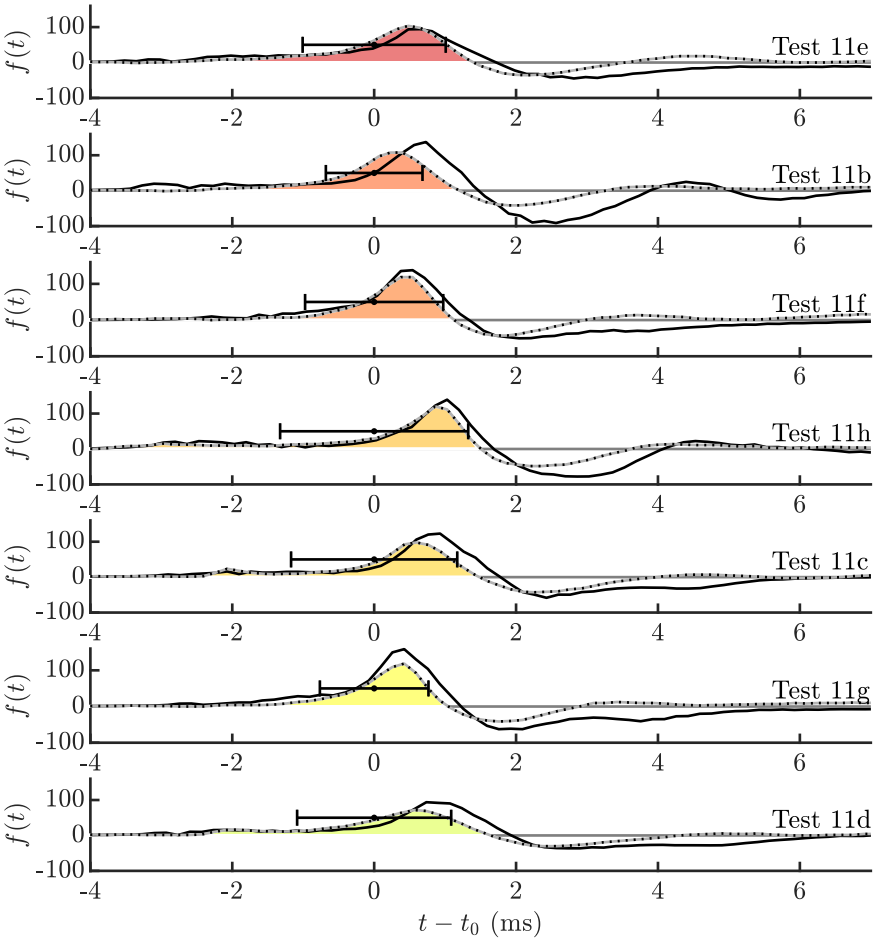

FIGURE 1. Pressure (grey line accented with black dots with units of kPa) and x-acceleration (black line with units of $\mathrm{m\,s^{-2}}$) time series represented generically in the y-axis label by $f(t)$ of repeated tests. Time series are presented in order of the measured boulder displacement, defined by the impact range colour. Each test is centred horizontally about its expected time t_0. Coloured areas denote the pressure impact time range of the tests. Error bars stretch across twice the impact duration.