



Supplemental Figure 5. Comparison of the Ca^{2+} signal transmission speed between full, one-sided NaCl and PEG treated samples at the differentiation zone and tip. Schematic diagrams of a root depicting treatment orientations and localisations. Box graphs with unpaired t test Welch's correction two-tailed test (P -value ≤ 0.01). (a) Longitudinal Ca^{2+} signal speed ($\mu\text{m/s}$) following full NaCl and PEG treatment at the differentiation zone, (b) full NaCl and PEG treatment at the tip, (c) one-sided NaCl and PEG treatment at the differentiation zone, (d) and one-sided NaCl and PEG treatment at the tip.