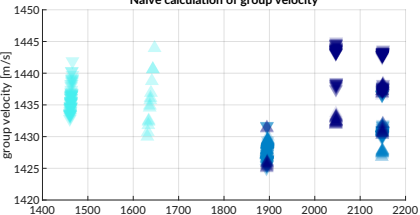
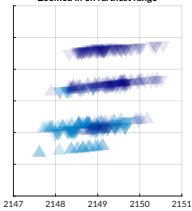


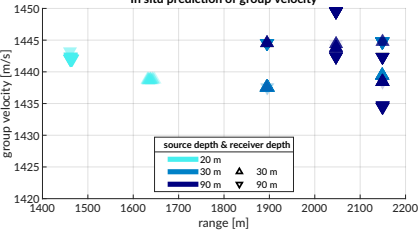
Naive calculation of group velocity



Zoomed in on furthest range



In situ prediction of group velocity



Zoomed in on furthest range

