Travel time distribution of later phases observed in condense strong-motion seismograph network

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We analyzed the travel time of converted and reflected body waves at sediments and basement layers ineterface observed by the Yokohama City condense strong-motion seismograph network. The travel time differences from direct body waves show the spacial pattern which corresponds to the depth distibution of its interface. The rough pattern shows the depth of interface increases in eastern area. We will discuss the relation to the amplification distribution at 1Hz and longer period range.

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