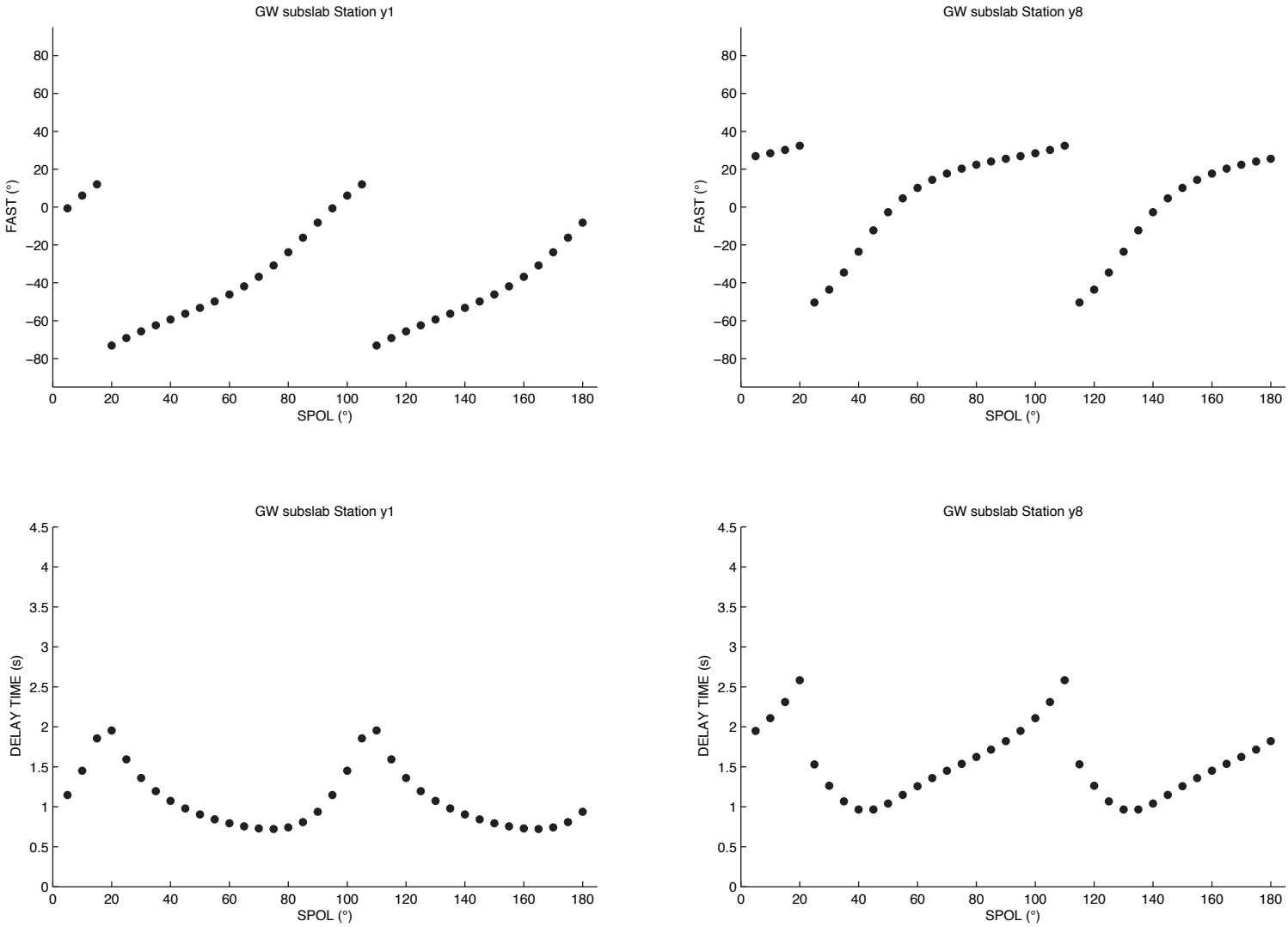

Fig. S2: Splitting parameters fast orientation (top) and delay time (bottom) plotted against backazimuth for the two seaward-side stations shown in Figs. 7 (left) and 8 (right). Although there is a 90° periodicity, fitting a simple two-layer model is not possible, which becomes clear when looking at the associated textures.