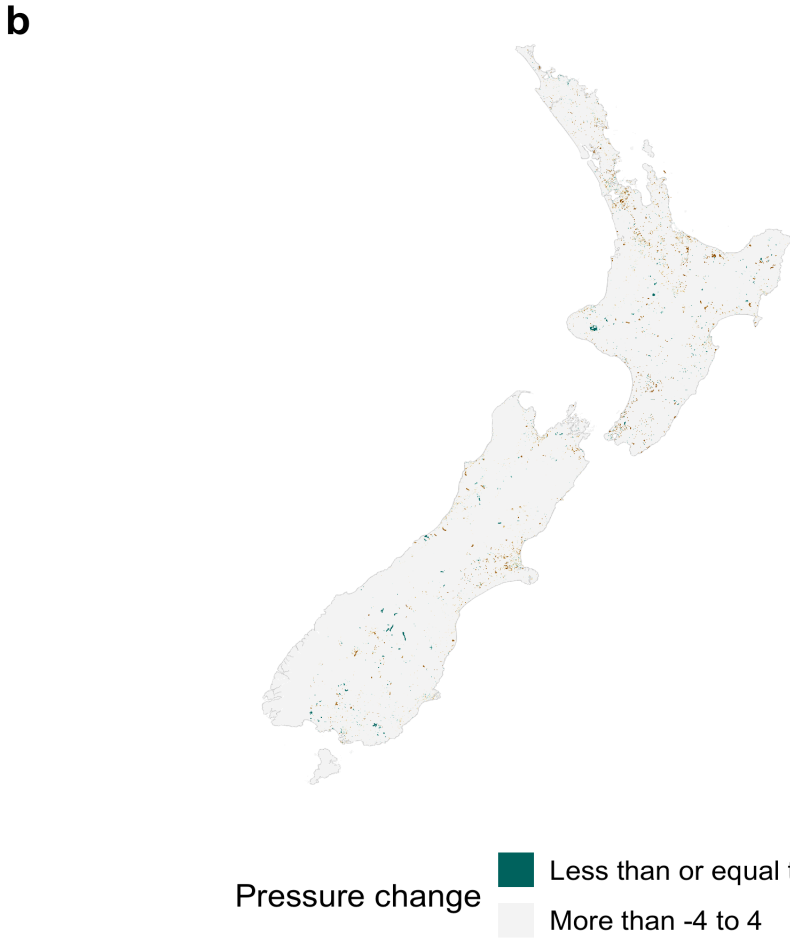
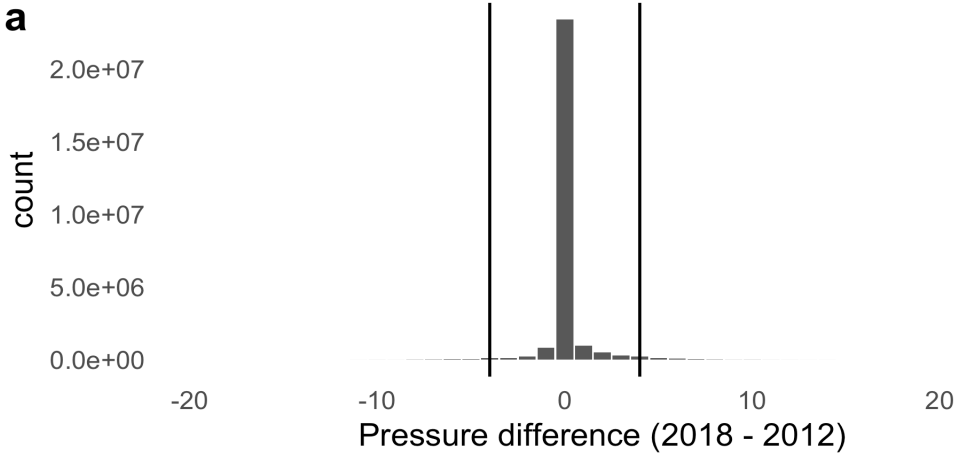


Supplementary material



Appendix S1: difference between the local layers (2012 and 2018); (a) shows a histogram of difference in pressures between 2012 and 2018. The dashed vertical lines are at -4, 4; in (b) pressure values outside of -4, 4 are shown in the map as green and brown respectively. We refer to the main text for the average difference.