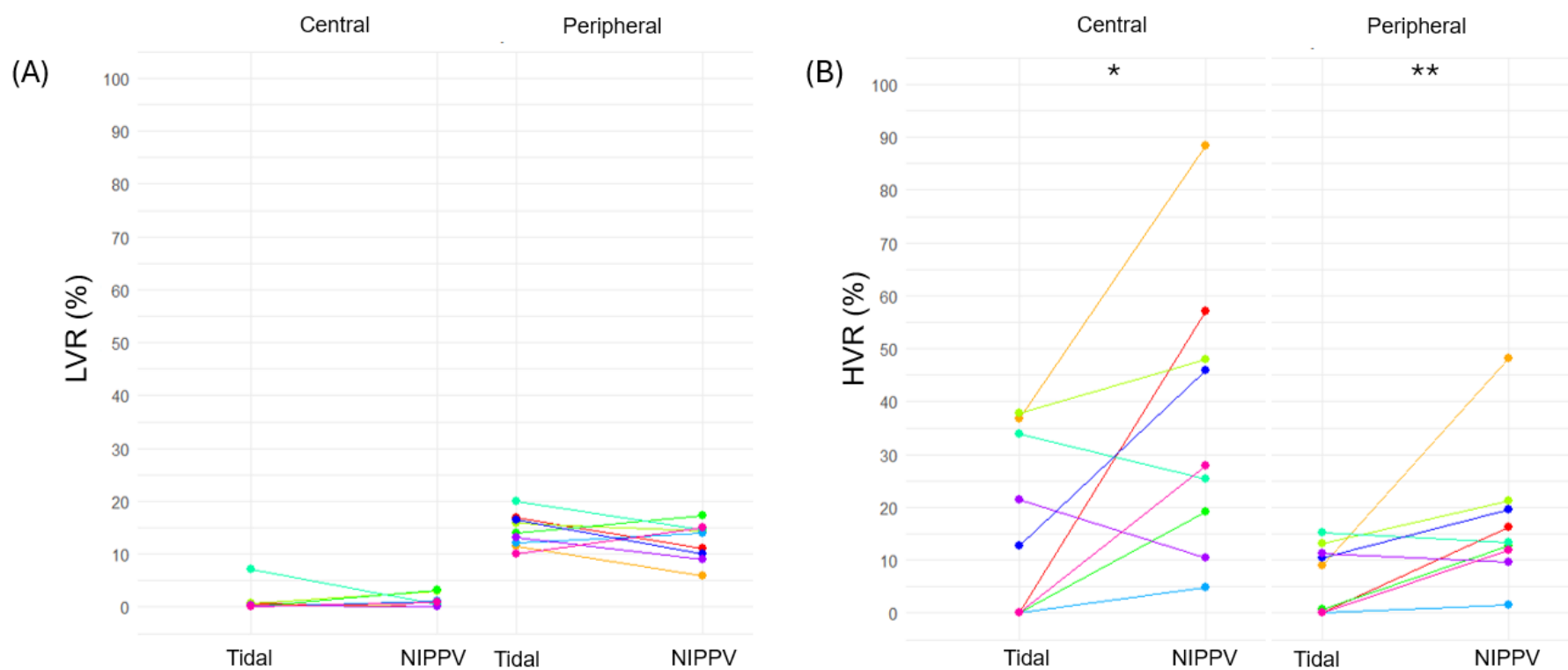


Figure S4. Changes in (a) low volume regions (LVR) and (b) high volume regions (HVR) in central and peripheral areas during tidal breathing and breathing with NIPPV.



*Significant increase in high volume regions in the peripheral regions after NIPPV ($p=0.03$)

**Significant increase in high volume regions in the central regions after NIPPV ($p=0.03$)