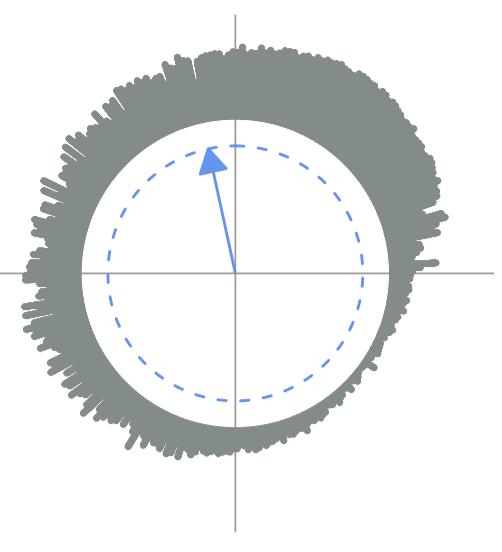
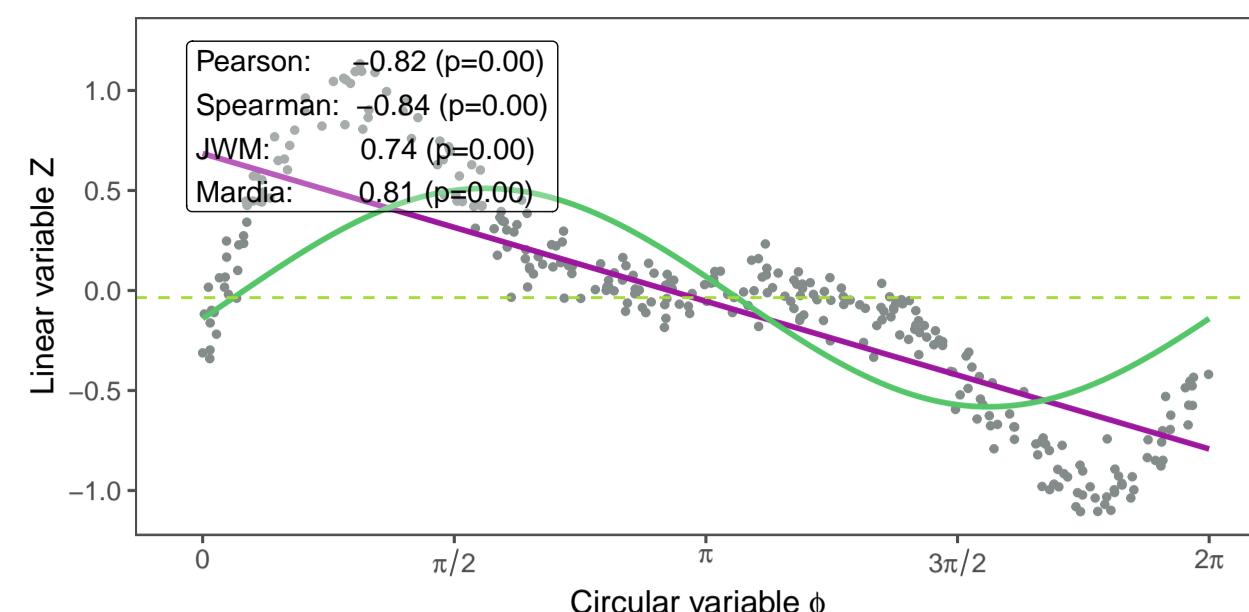
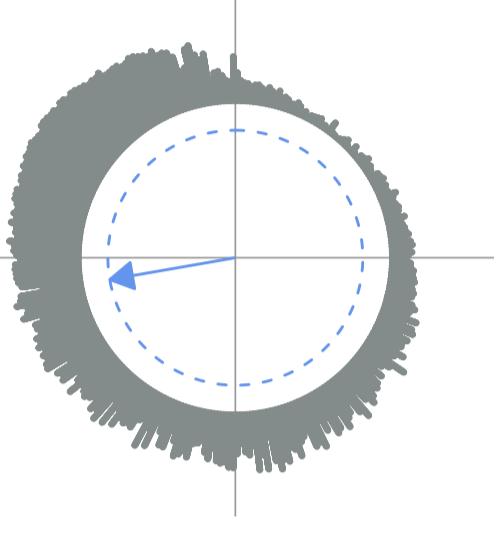
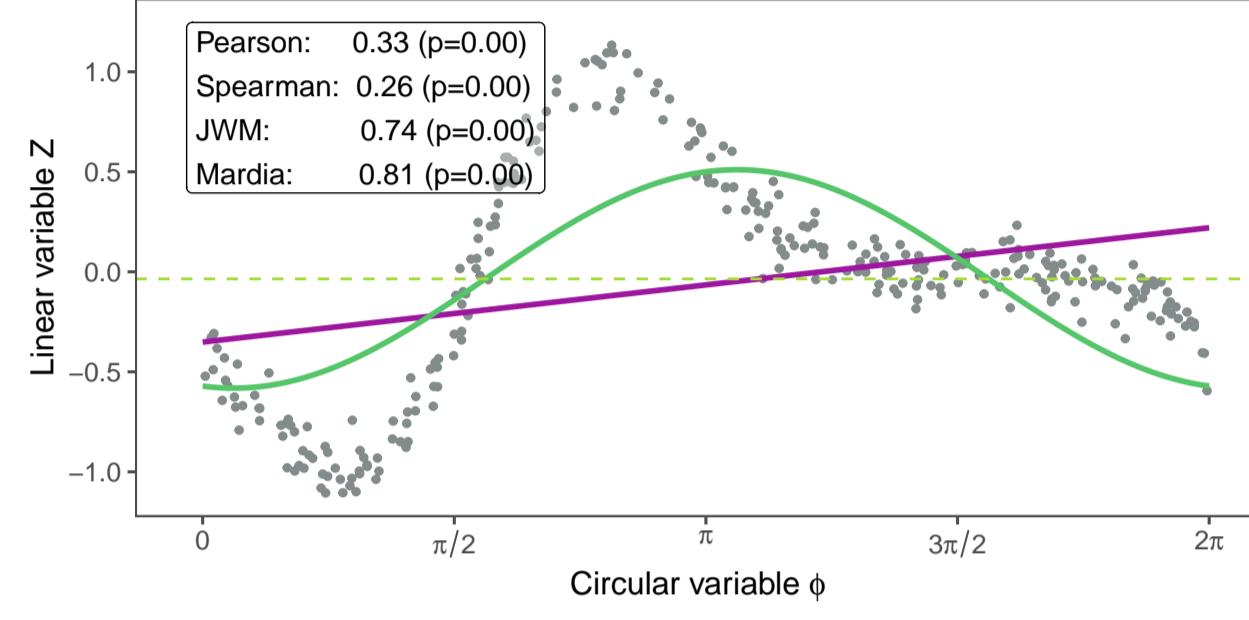


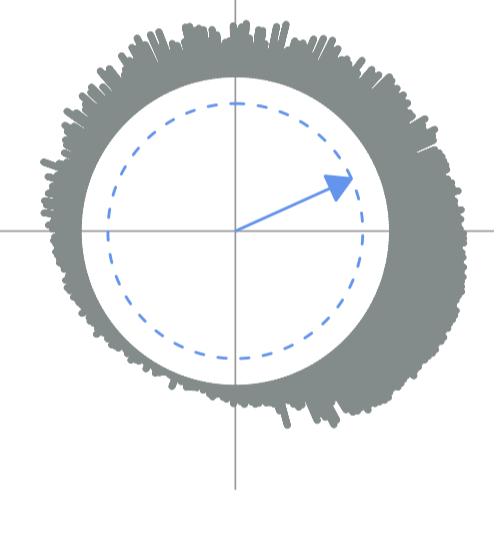
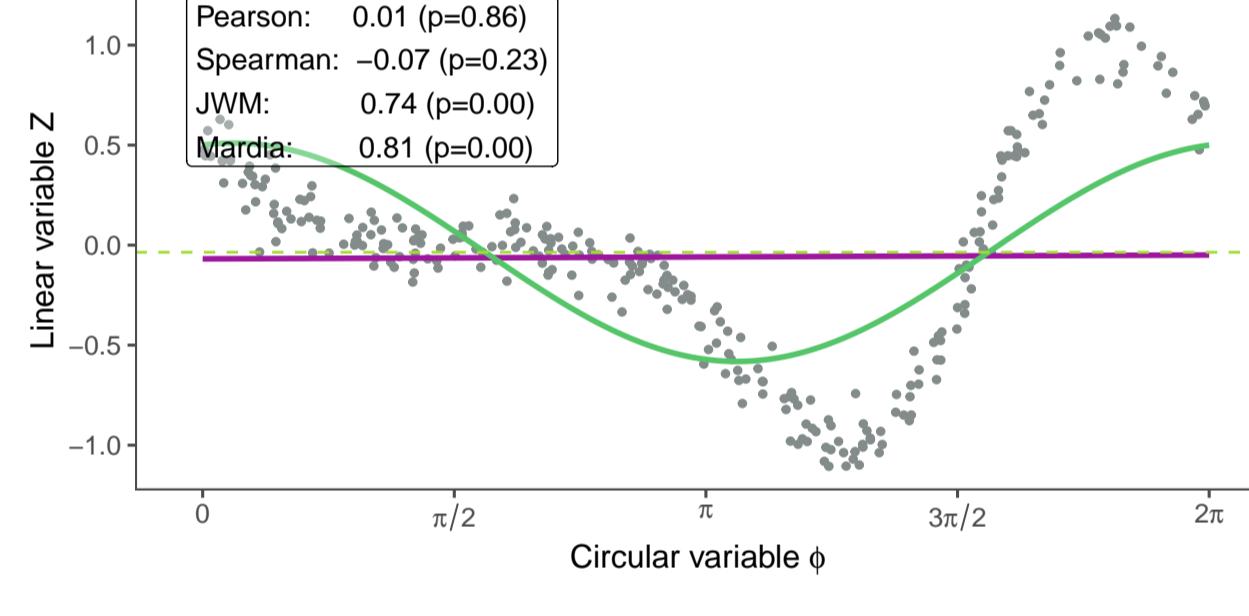
## Raw simulated data



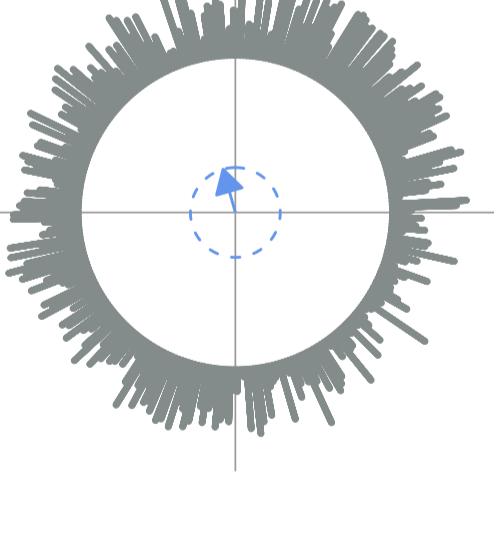
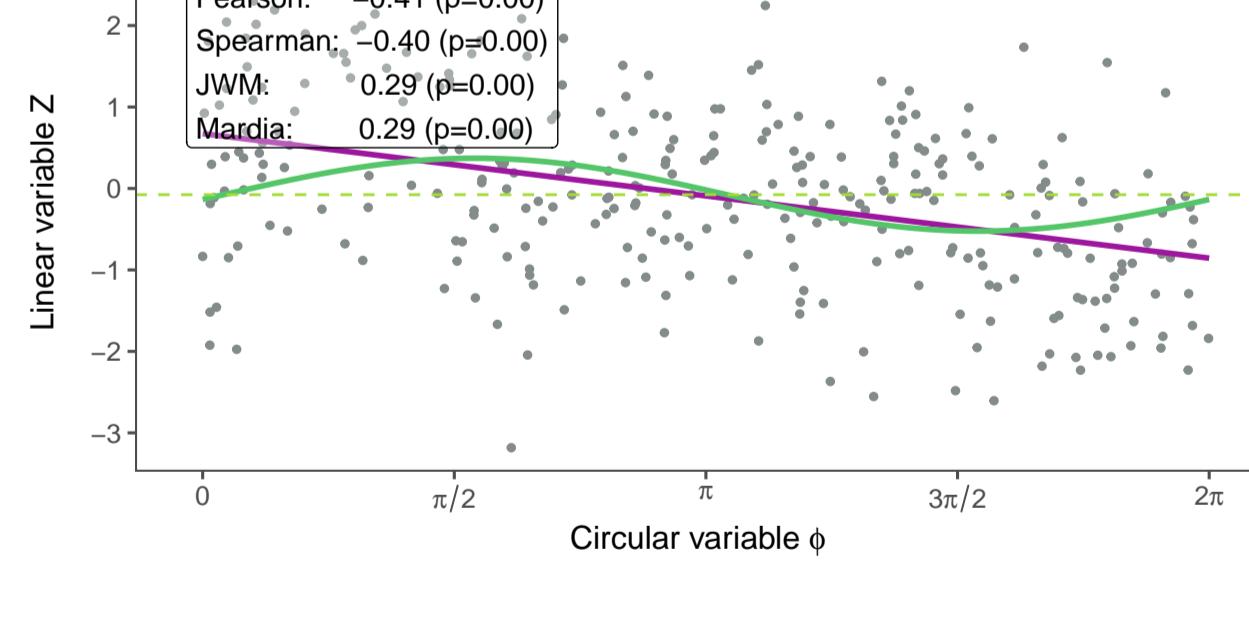
$\phi$  shifted by  $+\pi/2$



$\phi$  shifted by  $-\pi/2$



More noise added  $Z$



More noise added to  $Z$ ,  $\phi$  shifted by  $+\pi/2$

