



Supplemental Material A. Euclidean Norms for Population group motion estimates. Motion estimate by Euclidean norm per population groups with age demonstrated as a factor for head motion (i.e. older subjects with higher head motion) (Young vs. Old: $t=3.145$, $p=0.002$), but with head motion in the acute and subacute stroke groups not differing from motion observed in the healthy older group (Old vs. Acute: $t=1.371$, $p=0.184$; Old vs. Subacute: $t=1.714$, $p=0.100$)