

SUPPORTING INFORMATION

Additional Supporting Information may be found online in the Supporting Information section.

FIGURE S1 Subtraction images produced by subtracting each image series acquired with an in-plane acceleration factor of 3.5 and above from the corresponding series acquired with an in-plane acceleration factor of 2.5. Resultant subtracted signal intensities are normalized to 25% of the maximum signal of the reference image (S_{\max}). Normalized RMS errors are presented as a percentage of the signal range of the reference image (in-plane acceleration = 2.5)

FIGURE S2 Example pseudorandom k-space trajectories for the proposed undersampling scheme. A, k-Space trajectory of the dynamic with the largest maximum absolute jump in phase-encoding direction (K_y). B, Absolute jumps in K_y , plotted as a function of TR for the k-space trajectory plotted in (A). C, k-Space trajectory of the dynamic with the smallest maximum absolute jump in phase-encoding direction (K_y). D, Absolute jumps in K_y , plotted as a function of TR for k-space trajectory plotted in (C)