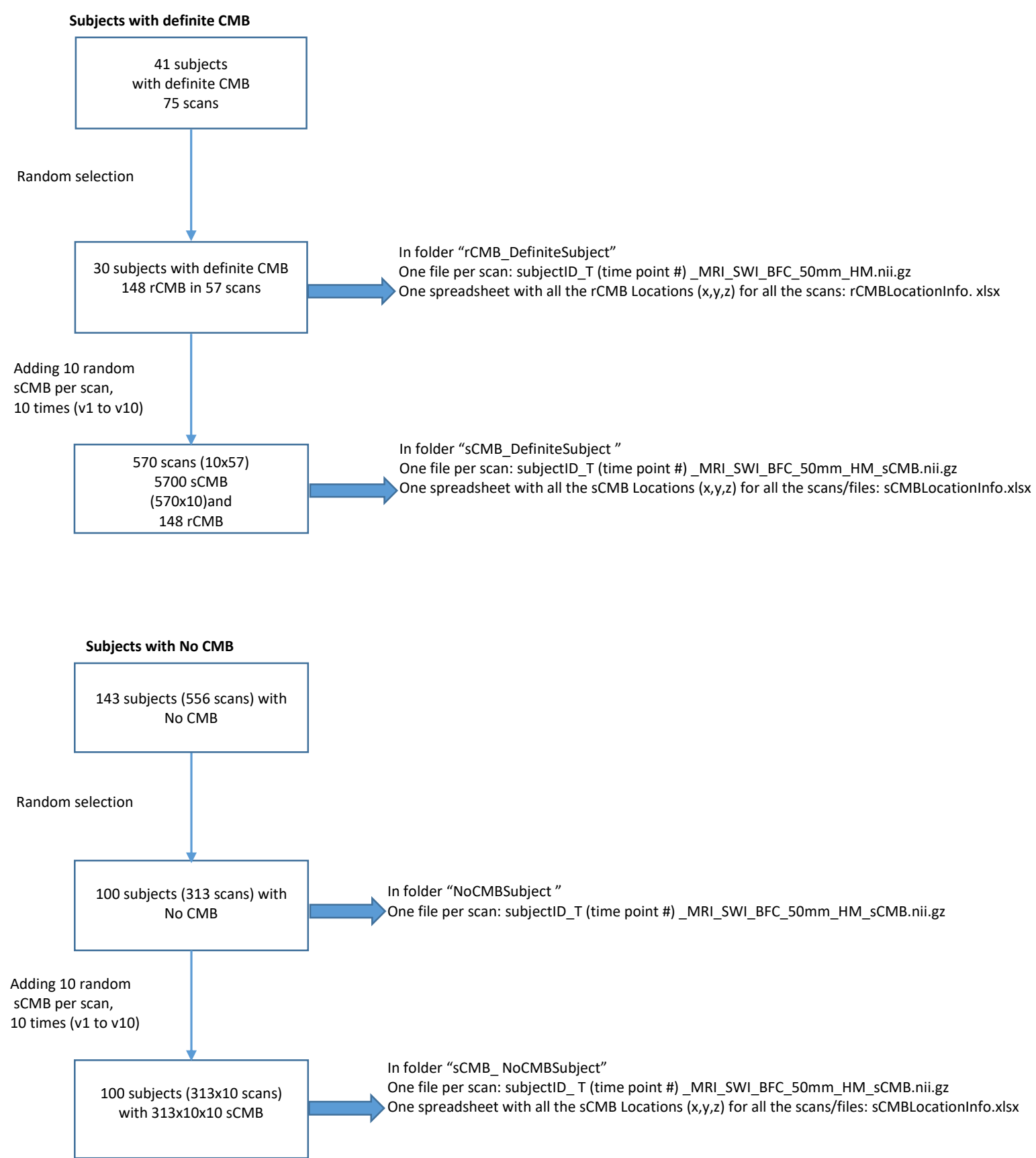


We randomly selected 30 patients with definite CMB totaling 57 scans, and 100 patients with no CMB totaling 313 scans. For each scan, 10 synthetic CMB (sCMB) were added. This was repeated 10 times. As a result, 570 scans comprising real CMB (rCMB) and 10 sCMB each and 3,130 scans with 10 sCMB each are provided. We also provide the original scans without any sCMB added. In the file names the BFC and HM back to the N4 bias field correction and histogram matching that we did on the raw SWI. The Figure.1 shows the applied steps of creating shared dataset more precisely.



**Fig.1.** Different steps to generate pubic synthetic data from definite subjects (top) and No CMB subjects (bottom) respectively.