

mcDESPOT Fitting Simulations

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Simulation Parameters

SNR = ∞

Noise Realizations = 50

Mode = 0 (Fitting SSFP-180 and SSFP-0 /w combined B_0 fitting)

TR_{spgr} = 6.5 ms

TR_{ssfp} = 5.0 ms

$\alpha_{\text{spgr}} = [3\ 4\ 5\ 6\ 7\ 9\ 13\ 18]^\circ$

$\alpha_{\text{ssfp}} = [12\ 16\ 21\ 27\ 33\ 40\ 51\ 68]^\circ$

(Same flip angles as our scanner protocol)

Default NMR Parameters

t1_m = 0.465;

t1_f = 1.07;

t2_m = 0.026;

t2_f = 0.117;

fract = 0.20;

tau = 0.100;

(‘Average values’ defined in Deoni mcDESPOT paper)













