

mcDESPOT Fitting Simulations

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12-Feb-2010
Proj/mcDESPOT

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)













