unregularized without Noise Tahat

unregularized with Noise Tahat

regularized with Noise Ta

regularized without Noise Ta

variable	Row1	Row2	Row3	Row4	Row5
λ	-9.1e-25	-4.7e-26	2.3e-26	1.0e-24	5.6e-07
λ_R	1e-8	1e-8	1e-8	1e-8	1e-8
TB_abn	29.1206	0.1891	0.2112	0.0146	0.0587
TB_nominal	29.0906	0.1889	0.2110	0.0146	0.0586
TB_delta	0.03	1.95e-4	2.18e-4	1.50e-5	6.06e-6
TB_delta1	0.0838	0.1836	-0.2257	0.0862	0.0319
TBn	0.0538	0.1834	-0.2259	0.0862	0.0319

TB_delta =TB-abn1 - TB_nominal   % without Noise
TB_delta =TB-abn1 - TB_nominal +TBn   % with Noise
Tumor radius = 10mm, Tumor_x_center = 30mm, Tumor_y_center = 90mm, Tumor_z_center = 76mm
Tumor Depth = 10mm