Transformation Model   Appearance/Similarity Metrics

$$\int_0^1 <Lv(x,t), v(x,t)> dt + w_1 SSD(I,J) + w_2 MI(I,J) + w_3 \sum_i LM_i(I,J)$$

Diffeomorphic Regularization + Intensity Difference + Mutual information + Landmark Guidance

ANTS -t Syn[0.5] –m MSQ(I,J,w1,0) –m MI(I,J,w2,#bins) –m PSE(I,J,w3)

Note: the choice of *L* above relates to the -r (regularization) parameter in ANTS, which would be part of the blue above.