Supplementary Materials

Quantification of Intra-Muscular Adipose Infiltration in Calf/Thigh MRI Using Fully and Weakly Supervised Semantic Segmentation

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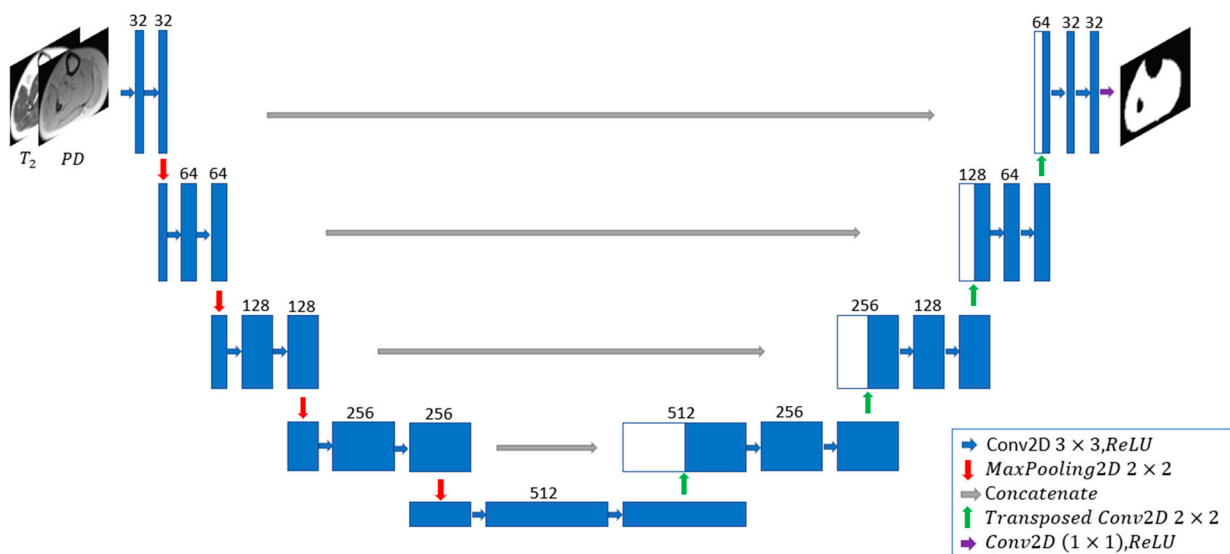[*] Correspondence: noambe@tauex.tau.ac.il (N.B.E.); Tel.: +972-3-6409388

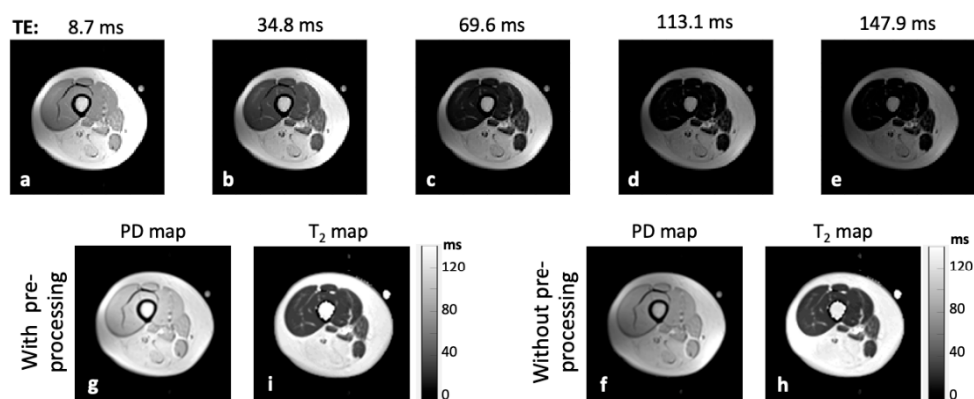**Figure S1.** The architecture of U-net used for muscle-region segmentation.

Figure S2. Data used for training the deep neural network. **(a-e)** Five representative raw T$_2$-weighted images from 1st, 4th, 8th, 13th, and 17th echo times (TEs). **(f-g)** Quantitative proton density maps [A.U.]. **(h-i)** Quantitative T$_2$ maps [ms]. Seven different combinations of thie data were used as inputs to train the network. (i) T$_2$ & PD maps w/o pre-processing; (ii) T$_2$ & PD maps w/ pre-processing; (iii / iv) Unprocessed / processed T$_2$ maps; (v / vi) Unprocessed / processed PD maps; (vii) Full set of raw T$_2$-weighted images (from all TEs).