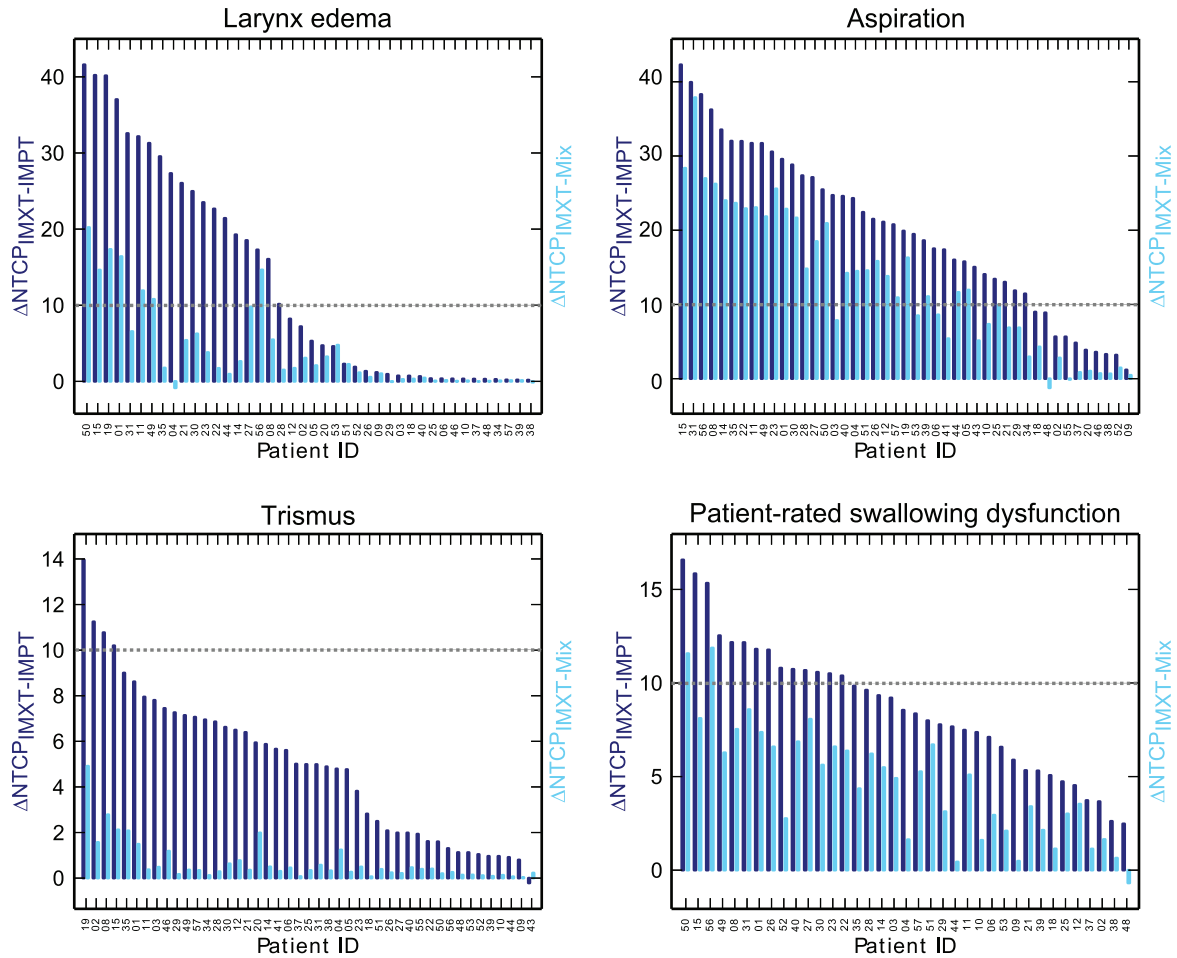


Supplementary material for Jakobi A. et al. NTCP reduction for advanced head and neck cancer patients using proton therapy for complete or sequential boost treatment versus photon therapy. Acta Oncologica. 2015; doi:10.3109/0284186X.2015.1071920



Supplementary Figure 1. Differences in NTCP between pure IMXT and pure IMPT ($\Delta\text{NTCP}_{\text{IMXT-IMPT}}$, dark blue) and between pure IMXT and mixed modality treatment ($\Delta\text{NTCP}_{\text{IMXT-Mix}}$, light blue) for individual patients sorted according to the $\text{NTCP}_{\text{IMXT-Mix}}$ values for three different toxicities. The grey dotted line indicates 10% difference used as possible selection criterion in the model-based approach.