Convolutional neural network-based automatic heart segmentation and quantitation in $^{123}$I- metaiodobenzylguanidine SPECT imaging

Saito S, Nakajima K, Edenbrandt L, Enqvist O, Ulén J, Kinuya S.

Relationship of heart counts in patients with reduced uptake between CNN and conventional methods

Figure S1. Relationships between average heart counts calculated from SPECT images using CNN and from conventional planar images in patients with reduced myocardial $^{123}$I-MIBG uptake. SPECT $H_{\text{CNN}}$ vs. Planar $H_{\text{BC}}$ (A), Planar $H$ (B), and Planar HMR (C). Red circles and blue squares, early and late images, respectively. Shaded area, confidence of fit.