

Description of Additional Supplementary Files

Supplementary Video S1: Cardiac MRI videos after decreasing or increasing age by moving in cross-modal latent space.

Supplementary Video S2: Cardiac MRI videos after decreasing or increasing BMI by moving in cross-modal latent space.

Supplementary Video S3: Cardiac MRI videos after decreasing or increasing LVM by moving in cross-modal latent space.

Supplementary Video S4: Cardiac MRI videos after decreasing or increasing RVEDV by moving in cross-modal latent space.

Supplementary Video S5: Cardiac MRI videos after moving in directions corresponding to female or male labeled points in cross-modal latent space.