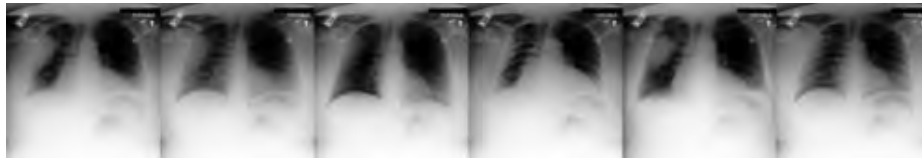# Semi-Supervised Learning of Deep Causal Generative Models: Supplementary Material
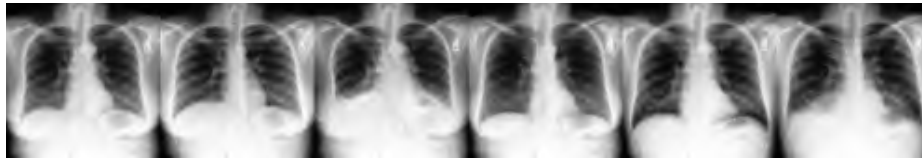
Anonymous

Anonymous Organization
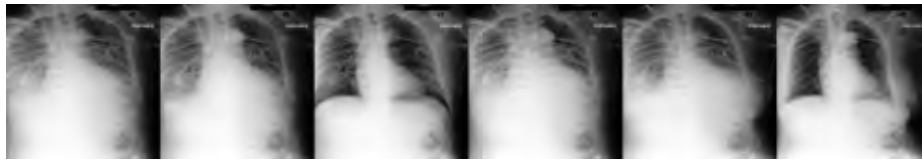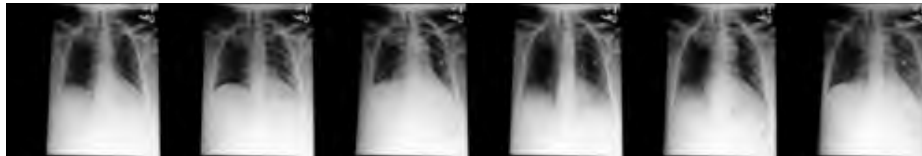**@******.***

(a) From left to right: (1) original: white, diseased, 52-year-old male (2) do(age=22) (3) do(healthy) (4) do(black) (5) do(female) (6) do(all).

(b) (1) original: black, healthy, 77-year-old female (2) do(age=20) (3) do(diseased) (4) do(white) (5) do(male) (6) do(all).

(c) (1) original: white, diseased, 52-year-old male (2) do(age=82) (3) do(healthy) (4) do(asian) (5) do(female) (6) do(all).

(d) (1) original: black, healthy, 68-year-old female (2) do(age=35) (3) do(diseased) (4) do(white) (5) do(male) (6) do(all).

Fig. 1: MIMIC-CXR Counterfactuals from model trained on 40% labels.

Fig. 2: Colour-MNIST Counterfactuals from model trained on 5% labels. (1) original (2) random foreground colour (3) random background colour (4) maximum thickness (5) minimum intensity (6)-(15) each digit.