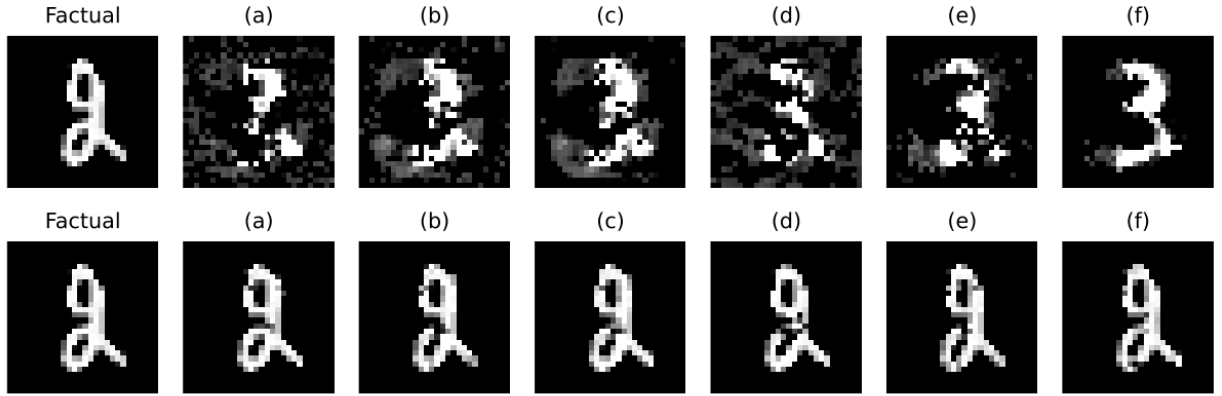
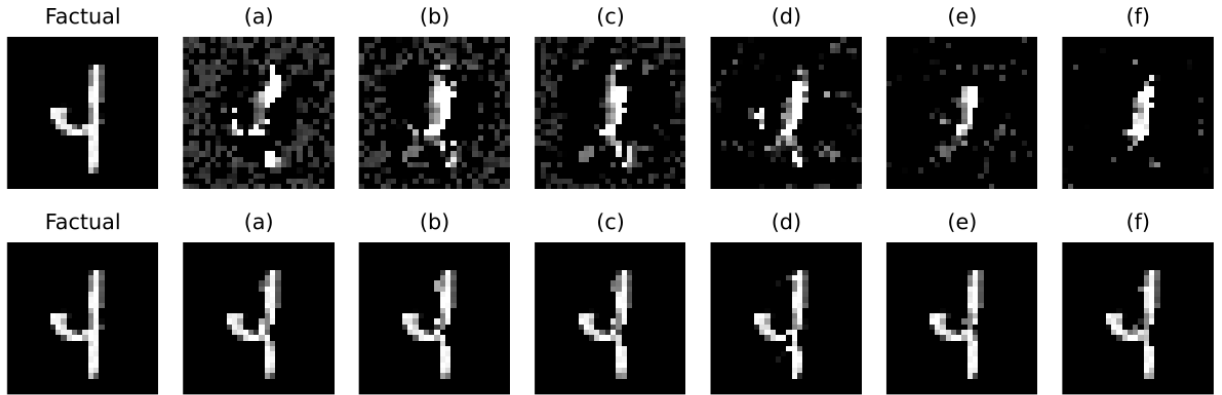


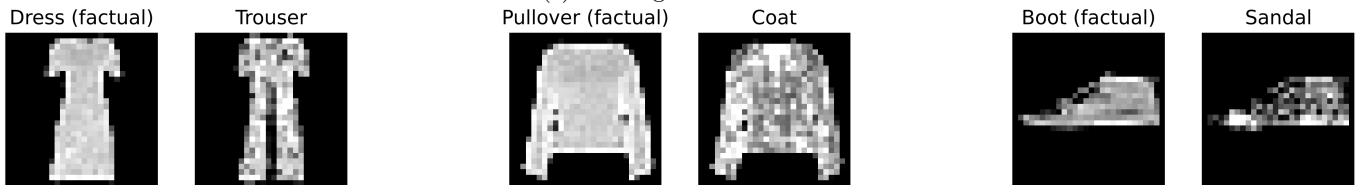
(a) Turning a 9 into a 7.



(b) Turning a 2 into a 3.



(c) Turning a 2 into a 3.



(d) Turning a dress (left) into a trouser (right): a gap between the legs appears as expected. (e) Turning a pullover (left) into a coat (right): it looks like a V-neck has formed. (f) Turning a boot (left) into a sandal (right): pixels are darkened in the right places.

Figure 1: Qualitative examples for MNIST and Fashion-MNIST. **MNIST** (Figure 1a to Figure 1c): Top row: ECCCo. Bottom row: Wachter. The different underlying models across columns: (a) MLP, (b) Small Ensemble $n = 5$, (c) Large Ensemble $n = 50$, (d) LeNet-5, (e) JEM, (f) JEM Ensemble. **Fashion-MNIST** (Figure 1d to Figure 1f): The underlying classifier is a small ensemble of 5 MLPs with one hidden layer. Counterfactuals are generated by ECCCo.