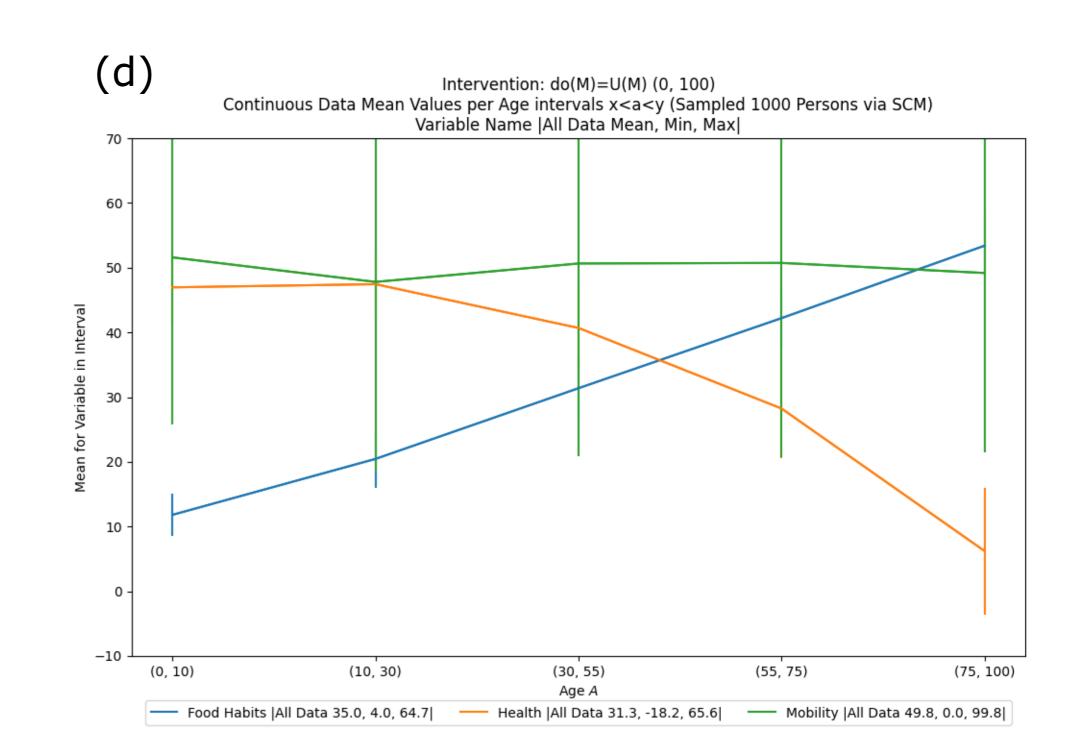


Interventional do(H = U(0, 100))



Interventional do(M = U(0, 100))

## Ground Truth SCM:

$$A = U(0, 100)$$

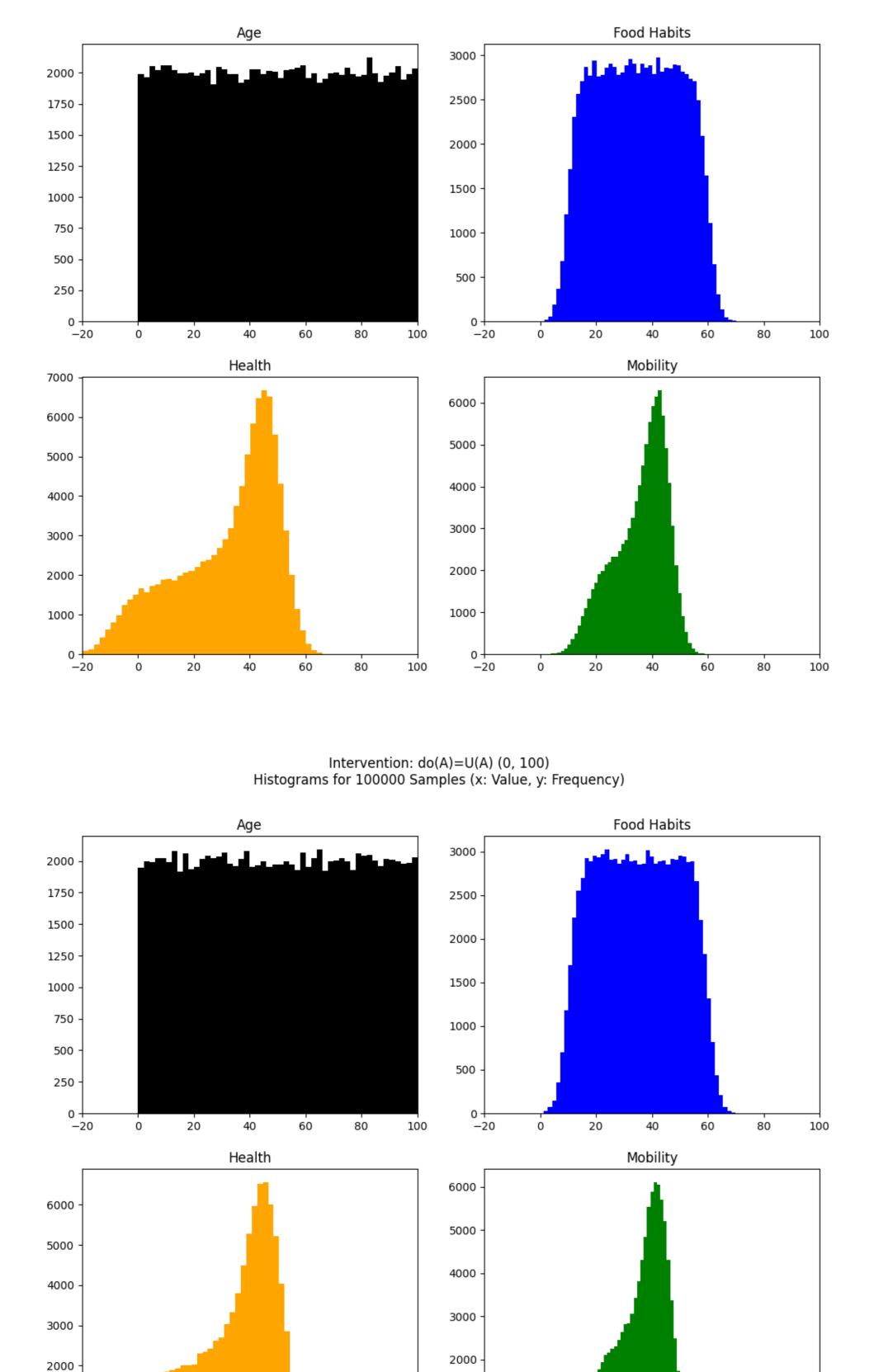
$$F = \frac{1}{2}A + \mathcal{N}(10, 10)$$

$$H = 0.008(100 - A^2) + \frac{1}{2}F + \mathcal{N}(40, 30)$$

$$M = \frac{1}{2}H + \mathcal{N}(20, 10)$$

- (a) no intervention, Health degenerates faster with increasing Age, Variance in Health for elderly is higher
- (b) Health intervened (affects Mobility)
- (c) Age intervened (same as obs. because Age is uniform to begin with)
- (d) Mobility intervened (affects nothing)
- (e) Food Habits intervened (affects Health and thus Mobility)

## Histograms for 100 k samples - Ground Truth Distributions (same ordering as above)



Intervention: None None

Histograms for 100000 Samples (x: Value, y: Frequency)

