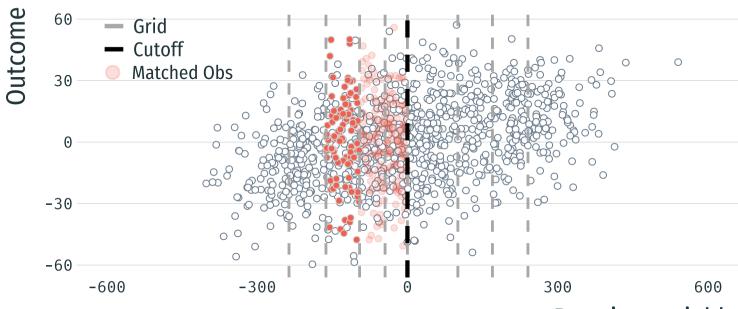Pre-intervention