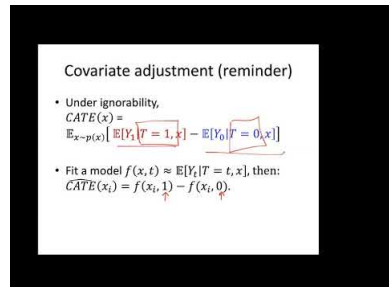


15. Causal Inference, Part 2 - YouTube

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Covariate adjustment (reminder)

- Under ignorability,
 $CATE(x) = \mathbb{E}_{x \sim p(x)} [\mathbb{E}[Y_1 | T=1, x] - \mathbb{E}[Y_0 | T=0, x]]$
- Fit a model $f(x, t) \approx \mathbb{E}[Y_t | T=t, x]$, then:
 $CATE(x_i) = f(x_i, 1) - f(x_i, 0)$

 <https://www.youtube.com/watch?v=g5v-NvNo...>

MIT 6.S897 Machine Learning for Healthcare, Spring 2019 Instructor:
David Sontag View the complete course: <https://ocw.mit.edu/6-S897S19> YouTube Playlist: <https://www.youtube.com/playlist?list=PL6-897S19>