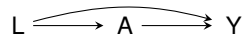


DAG1: Basic Causal DAG - Marginally randomized experiment



DAG2: Complete Causal DAG with confounding - Conditionally randomized experiment



DAG3: Incomplete Causal DAG, no confounding - Conditionally randomized experiment



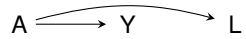
DAG4: Basic Causal DAG - with mediation



DAG5: Common Causes



DAG6: Common Effects



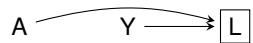
DAG7: Conditional independence - Mediation



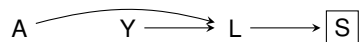
DAG8: Conditional independence - Confounding



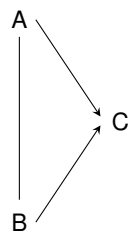
DAG9: Conditioning on Common Effects - Collider



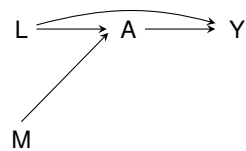
DAG10: Conditioning on Common Effects - Descendent of Collider



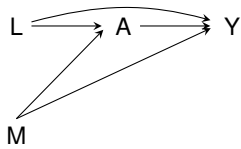
DAG11: Moralization



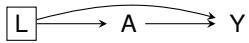
DAG12: Effect Modification: M not a Confounder



DAG13: Effect Modification: M is also a Confounder



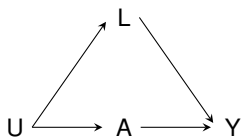
DAG14: Basic Confounding DAG, conditioning on the confounder



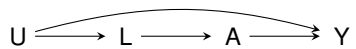
DAG15: Unmeasured Confounding, 1



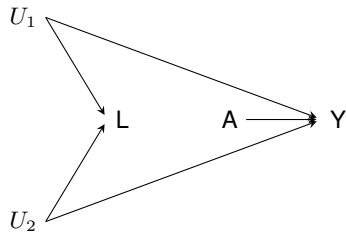
DAG16: Unmeasured Confounding, 2



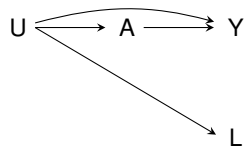
DAG17: Unmeasured Confounding, 3



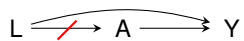
DAG18: M-Bias



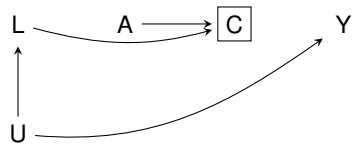
DAG19: Surrogate confounders



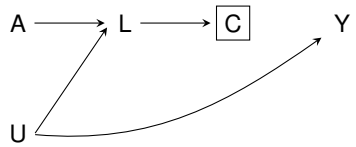
DAG20: Controlling Confounding with IPW



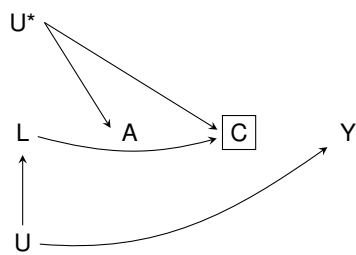
DAG21: Selection Bias, 1



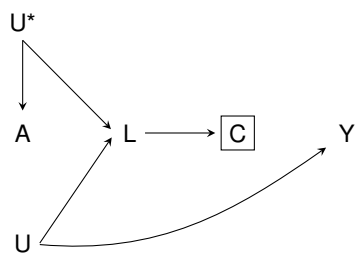
DAG22: Selection Bias, 2



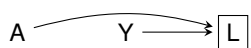
DAG23: Selection Bias, 3



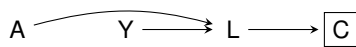
DAG24: Selection Bias, 4



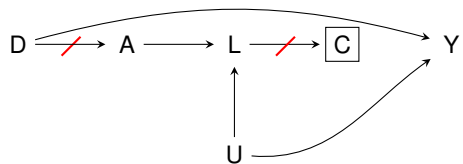
DAG25: Selection Bias, 5



DAG26: Selection Bias, 6



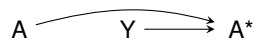
DAG27: Selection Bias with confounding, 7 - IPTW and IPCW



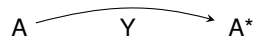
DAG28: Information Bias - measurement error



DAG29: Information Bias - reverse causation, 1



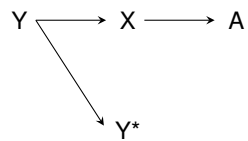
DAG30: Information Bias - reverse causation, 1b - \bar{c} no reverse causation



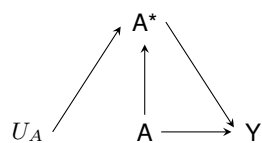
DAG31: Information Bias - reverse causation, 2



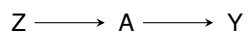
DAG32: Information Bias - reverse causation, 3



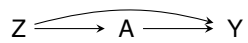
DAG33: Information Bias - reverse causation, 4



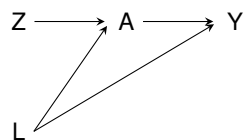
DAG34: RCT, with blinding



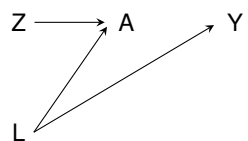
DAG35: RCT, with unblinding



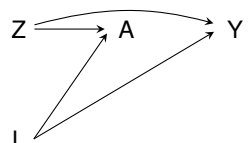
DAG36: RCT, non-compliance, 1



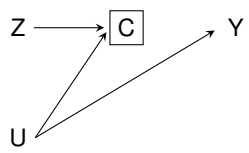
DAG37: RCT, non-compliance, 2



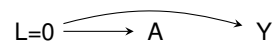
DAG38: RCT, non-compliance, 3



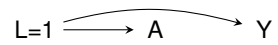
DAG39: RCT, loss to follow-up



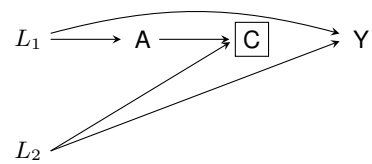
DAG40: Matching / Stratification, 1



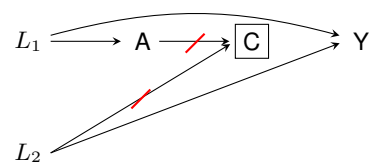
DAG41: Matching / Stratification, 2



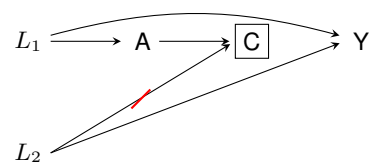
DAG42: Selection Bias and Confounding



DAG43: Controlling Selection Bias with IPW - unstabilized weights

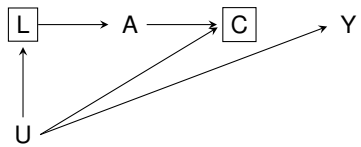


DAG44: Controlling Selection Bias with IPW - stabilized weights

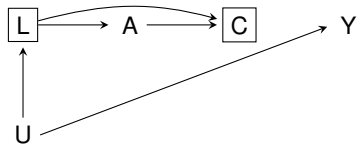


DAGs from meeting with Miguel - April 3, 2013

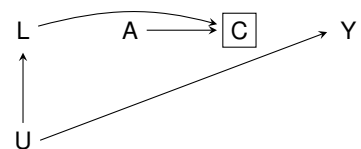
DAG1: Stratification, for confounding and selection bias, 1



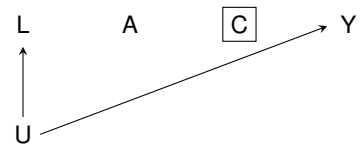
DAG2: Stratification, for confounding and selection bias, 2



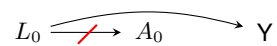
DAG3: IPW, for confounding and selection bias, with treatment weights only



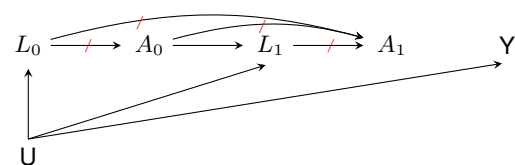
DAG4: IPW, for confounding and selection bias, with treatment and selection weights



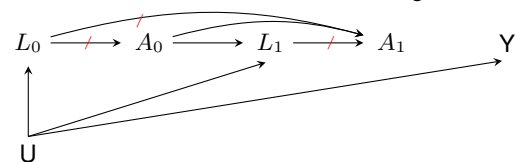
DAG5: IPW - time-invariant case: stabilized and unstabilized weights



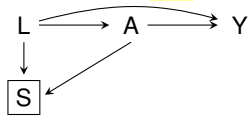
DAG6: IPW - time-variant case: unstabilized weights



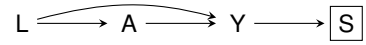
DAG7: IPW - time-variant case: stabilized weights



DAG8: Cohort study **with** matching



DAG9: Case-control study with no matching

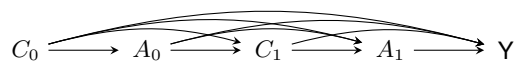


DAG10: Case-control study with matching

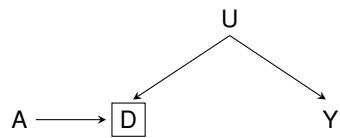


DAGs from meeting with Tyler - April 11, 2013

DAG1: Time-varying treatments

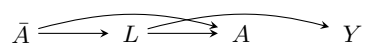


DAG2: Competing risks and selection bias

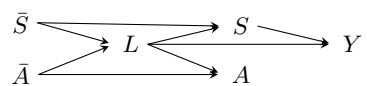


DAGs from past quals

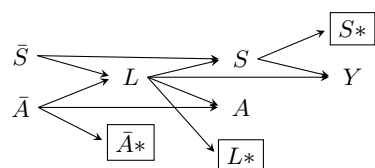
DAG1: 2011 - Question 1a, under the null



DAG2: 2011 - Question 2a, under the null

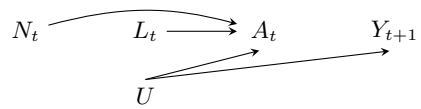


DAG3: 2011 - Question 2c, under the null

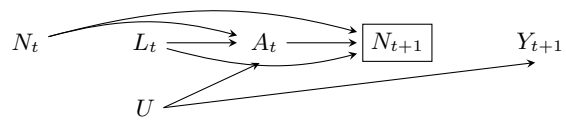


Meeting with Miguel, 5/2/2013

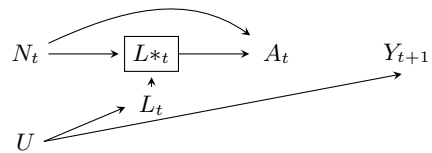
DAG1: Question 1, DAG 1, under the null



DAG2: Question 1, DAG 2, under the null



DAG3: Question 1, DAG 3, under the null



DAG4: Question 4, under the null

