

Advanced Confounding Adjustment June 16-20, 2025

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	Monday	Tuesday	Wednesday	Thursday	Friday
9:30 am - 11:00 am	Lecture: The bias of conventional methods for time-varying treatments	Lecture: IP weighting for dynamic treatment strategies	Hands-on: Estimating the effect of static treatment strategies via the parametric g-formula	No class (Juneteenth)	Lecture: Parametric g-formula: iterative conditional expectation (ICE) representation
11:10 am - 12:30 pm	Hands-on: The bias of conventional methods in the presence of treatment-confounder feedback	Hands-on session: Estimating the effect of static treatment strategies via IP weighting	Lecture: Parametric g-formula for dynamic treatment strategies		Hands-on: Estimating the effect of treatment strategies via the ICE g-formula
12:30 pm - 1:30 pm	Break				
1:30 pm - 3:00 pm	Lecture: IP weighting for time-varying treatments	Hands-on: Estimating the effect of dynamic treatment strategies via IP weighting	Hands-on: Estimating the effect of dynamic treatment strategies via the g-formula (part 1)	No class (Juneteenth)	Lecture: IP weighting combined with the ICE g-formula: multiply robust estimation
3:10 pm - 4:30 pm	Hands-on: Estimating IP weights for static treatment strategies	Lecture: Parametric g-formula for time-varying treatments	Hands-on: Estimating the effect of dynamic treatment strategies via the g-formula (part 2)		Hands-on: Estimating the effect of treatment strategies via multiply robust methods