

Full Data					Observed data from randomized study: ($S_i^{\text{obs}}, Y_i^{\text{obs}}$) (average) given assignment	
principal stratum of subject i	Post-treatment variable - CD4		Potential Outcome survival (average)		$Z_i = 1$	$Z_i = 2$
	$S_i(1)$	$S_i(2)$	$Y_i(1)$	$Y_i(2)$		
(a) Case where post-treatment S is a principal surrogate but not a statistical surrogate						
sicker:	Low	Low	10	10	(Low, 20)	(Low, 10)
normal:	Low	High	30	50		(High, 50)
healthier:	High	High	50	50	(High, 50)	