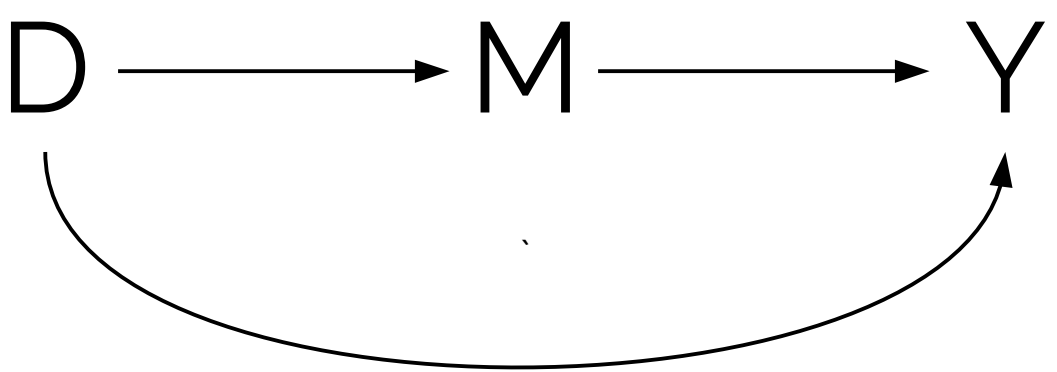
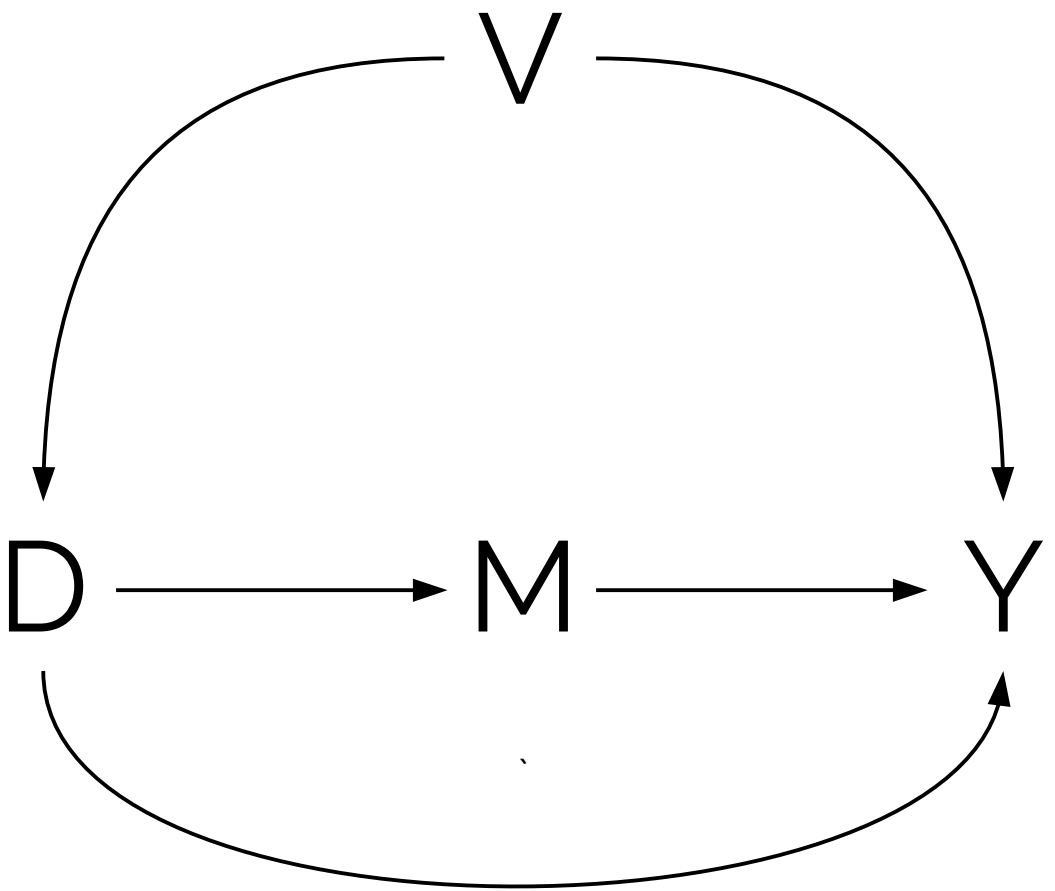
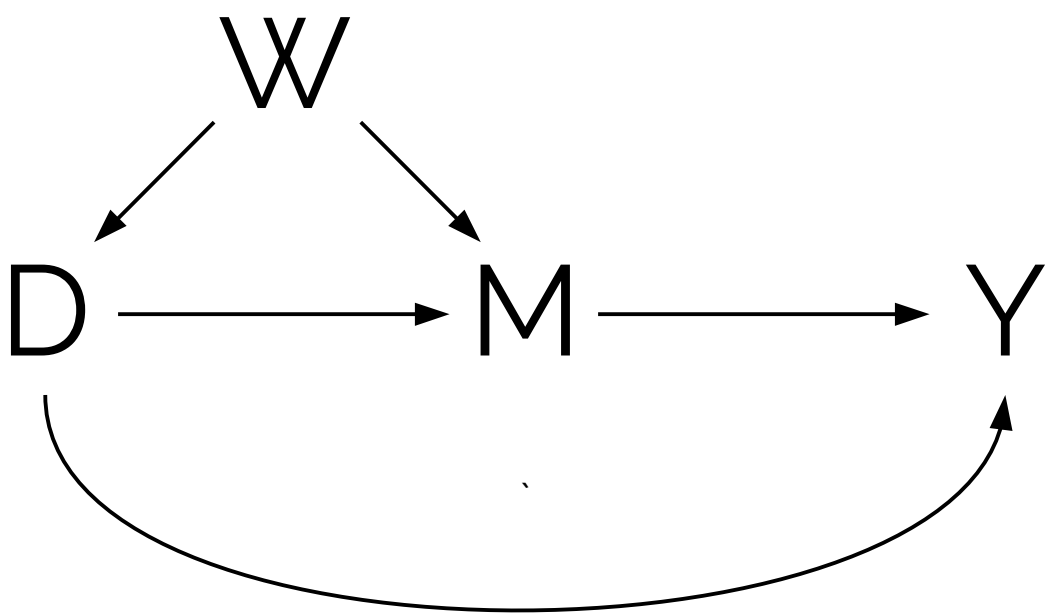
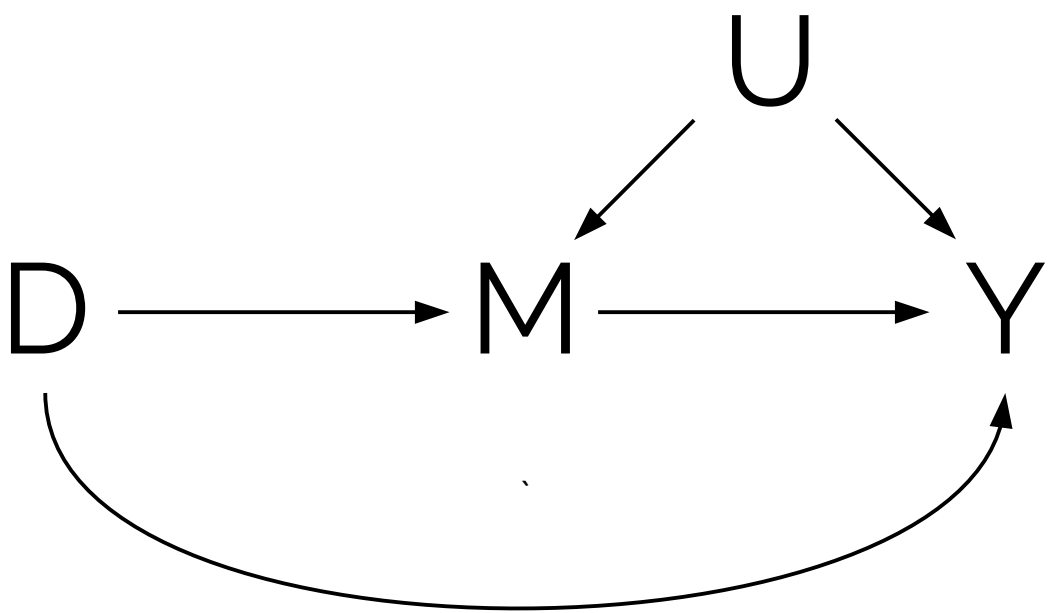
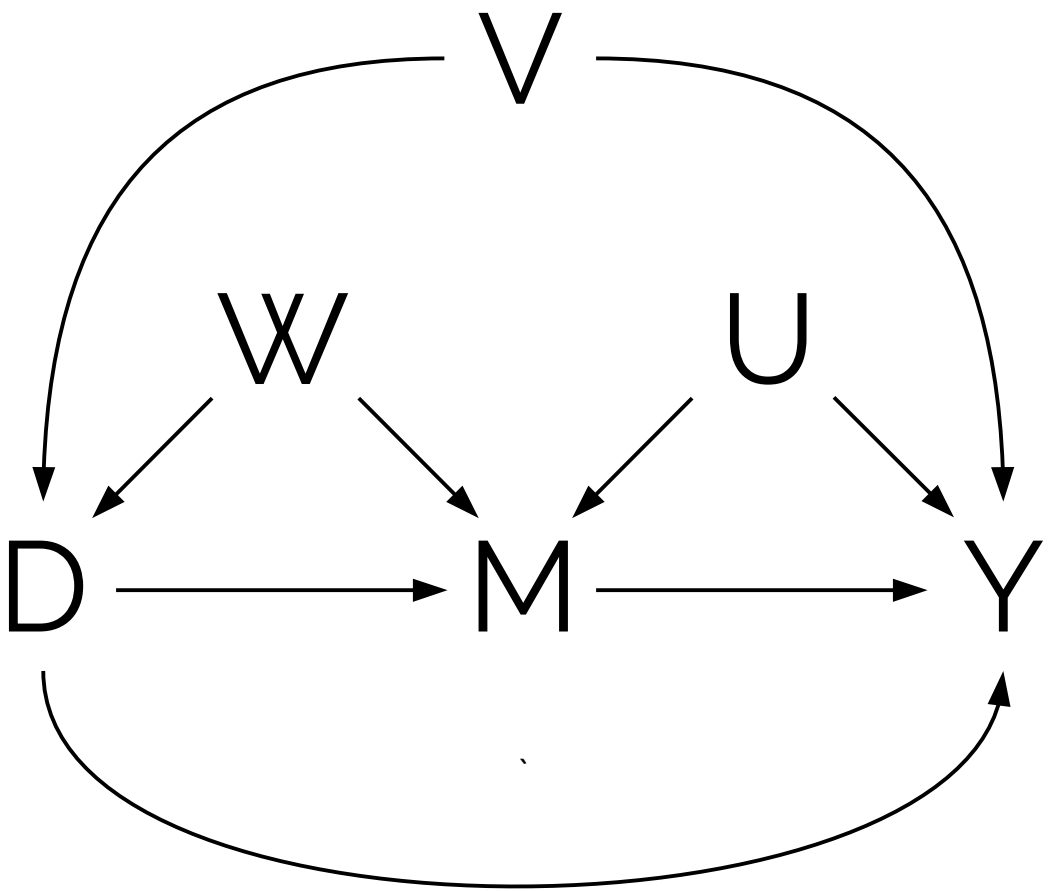
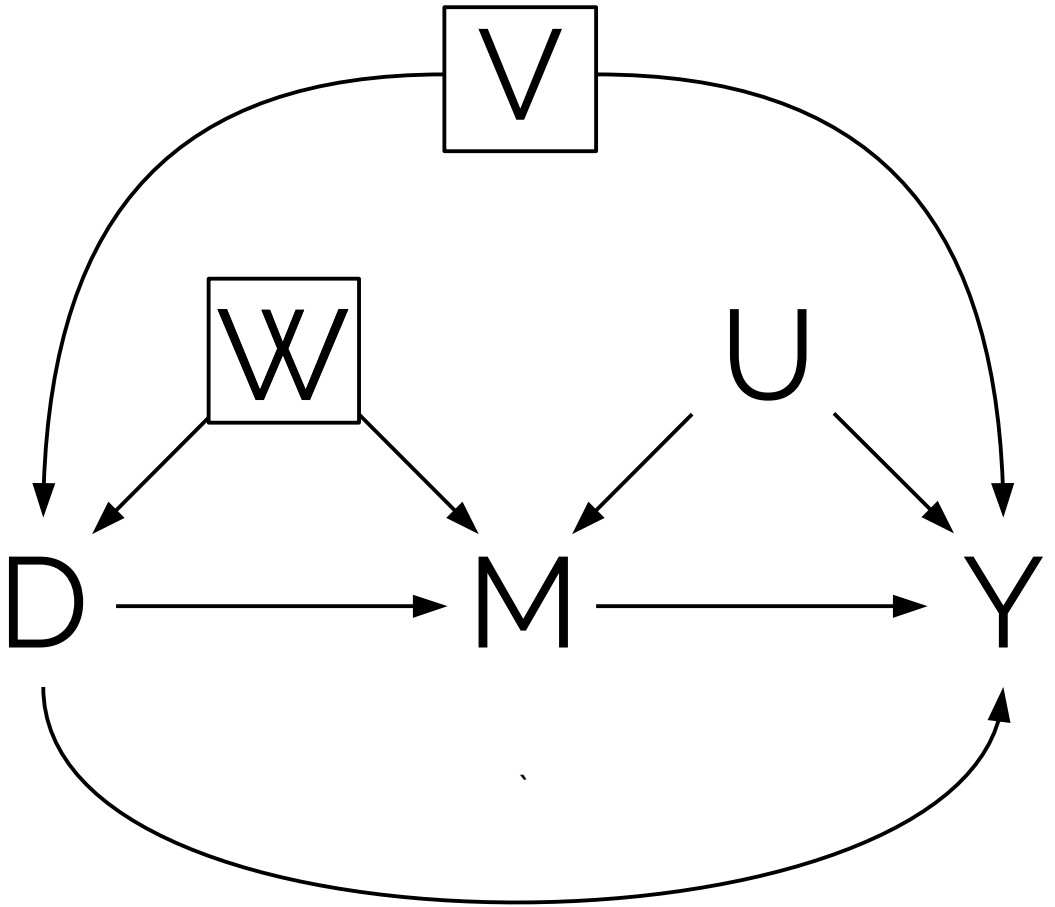

D
M
Y


V
D
M
Y


W
D
M
Y


U
D
M
Y


V
W
U
D
M
Y


V
W
U
D
M
Y

	$M_i(0)=1$	$M_i(0)=0$
$M_i(1)=1$	always stop	stop if black
$M_i(1)=0$	stop if white	never stop

	$M_i(0)=1$	$M_i(0)=0$
$M_i(1)=1$	always stop (violent crime)	stop if black
$M_i(1)=0$	stop if white	never stop

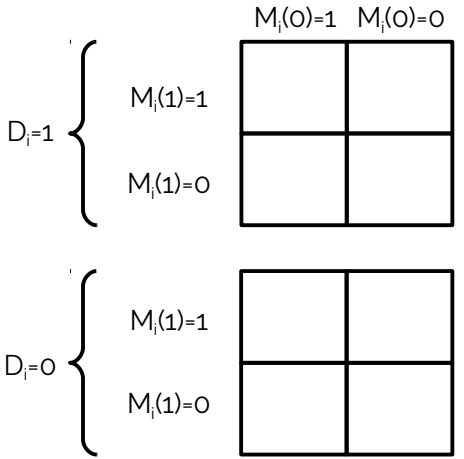
	$M_i(0)=1$	$M_i(0)=0$
$M_i(1)=1$	always stop (violent crime)	stop if black
$M_i(1)=0$	stop if white	never stop (ask directions)

	$M_i(0)=1$	$M_i(0)=0$
$M_i(1)=1$	always stop (violent crime)	stop if black (jaywalking)
$M_i(1)=0$	stop if white	never stop (ask directions)

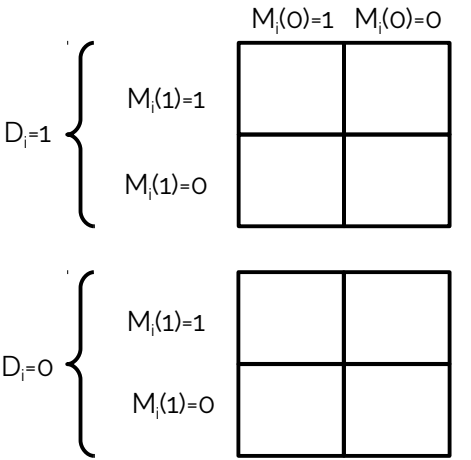
	$M_i(0)=1$	$M_i(0)=0$
$M_i(1)=1$	always stop (violent crime)	stop if black (jaywalking)
$M_i(1)=0$	stop if white (?)	never stop (ask directions)

	$M_i(0)=1$	$M_i(0)=0$
$M_i(1)=1$	always stop (violent crime)	stop if black (jaywalking)
$M_i(1)=0$	stop if white (assume none)	never stop (ask directions)

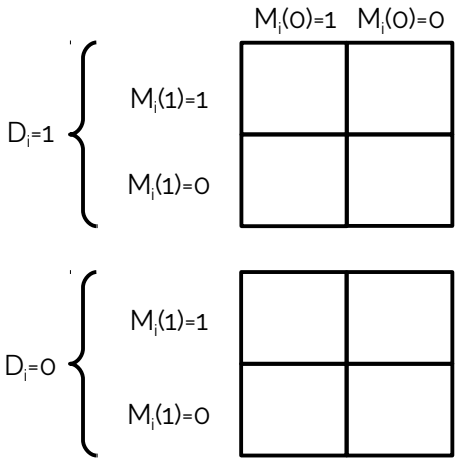
$E[\, Y_i(1, 1) \mid \ldots \,]$



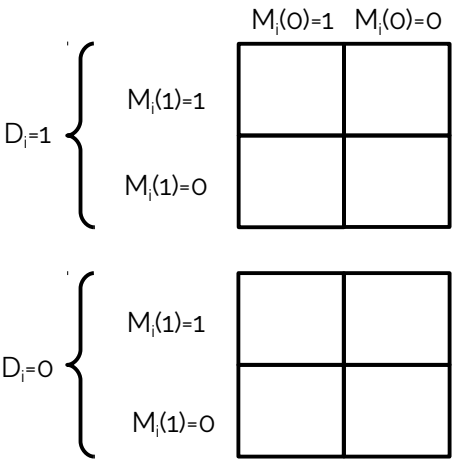
$E[\, Y_i(0, 1) \mid \ldots \,]$



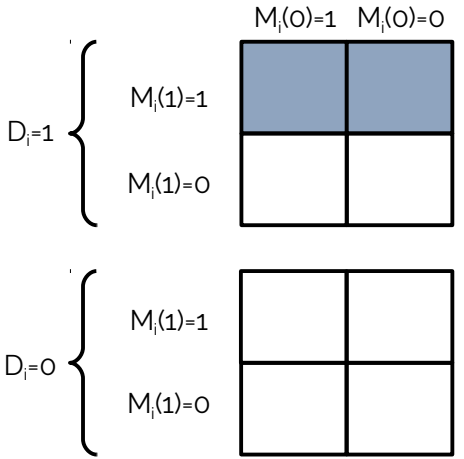
$E[\, Y_i(1, 0) \mid \ldots \,]$



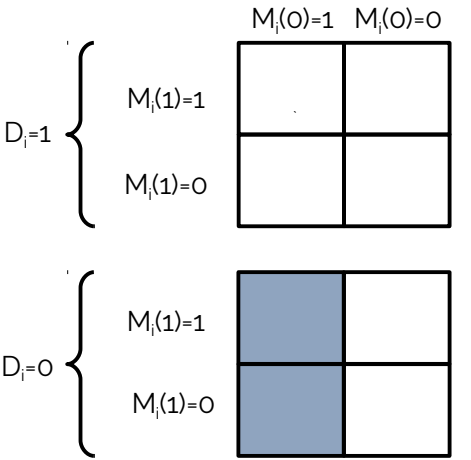
$E[\, Y_i(0, 0) \mid \ldots \,]$



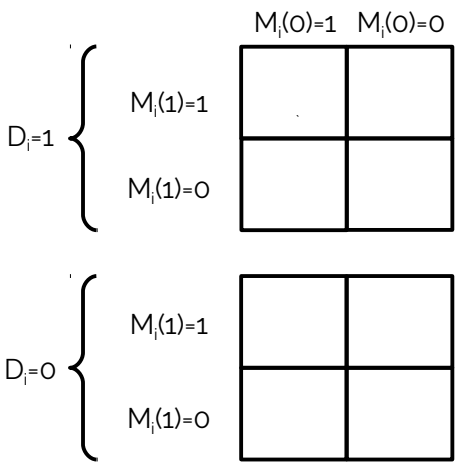
$E[\, Y_i(1, 1) \mid \ldots \,]$



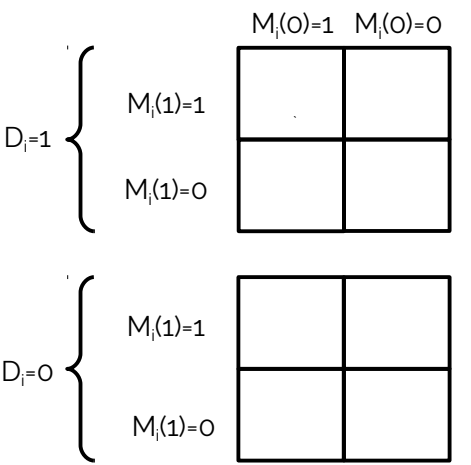
$E[\, Y_i(0, 1) \mid \ldots \,]$



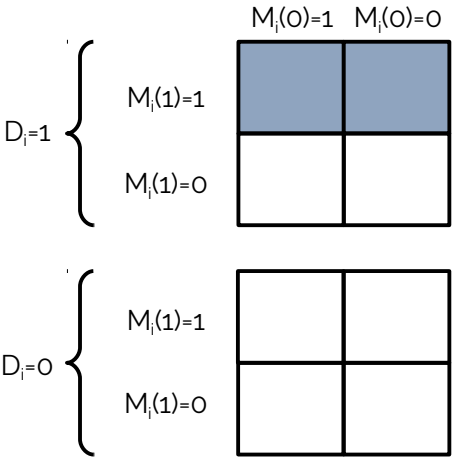
$E[\, Y_i(1, 0) \mid \ldots \,]$



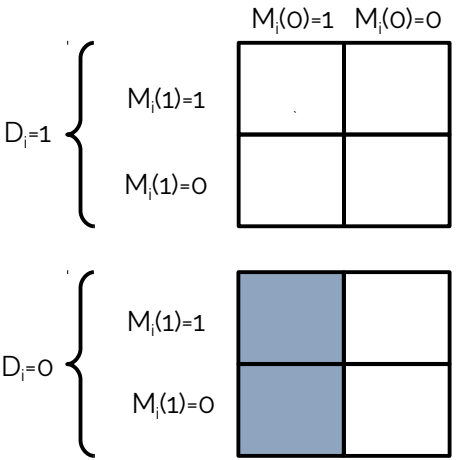
$E[\, Y_i(0, 0) \mid \ldots \,]$



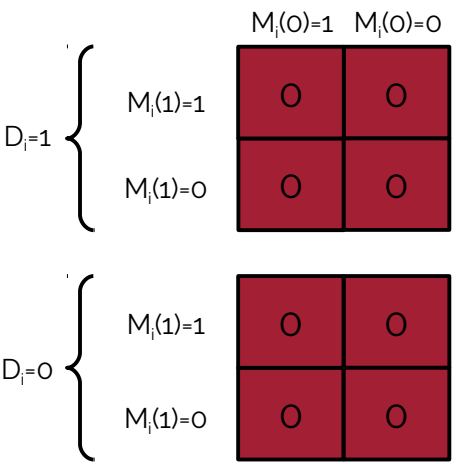
$E[\, Y_i(1, 1) \mid \ldots \,]$



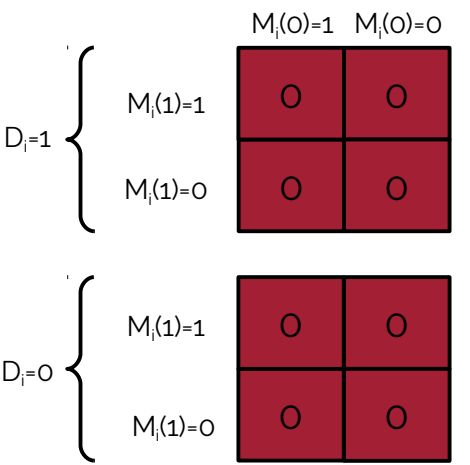
$E[\, Y_i(0, 1) \mid \ldots \,]$



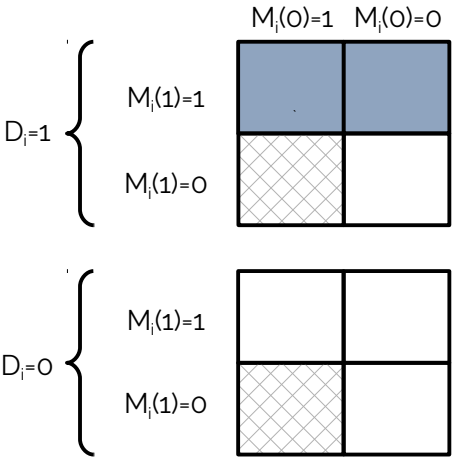
$E[\, Y_i(1, 0) \mid \ldots \,]$



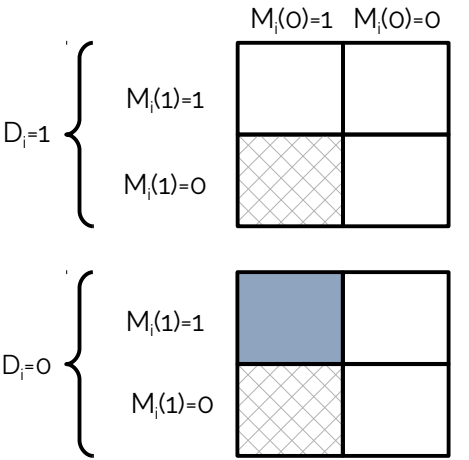
$E[\, Y_i(0, 0) \mid \ldots \,]$



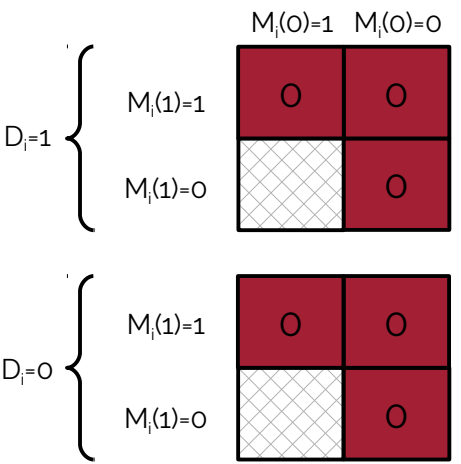
$E[\, Y_i(1, 1) \mid \ldots \,]$



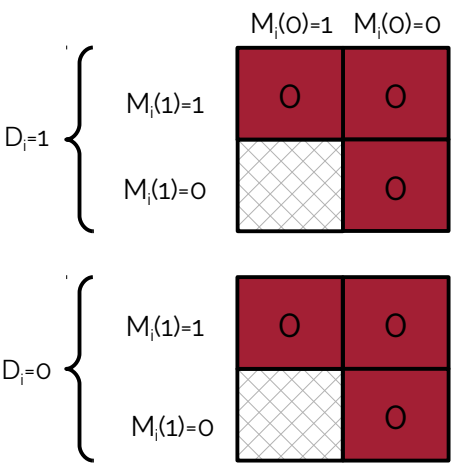
$E[\, Y_i(0, 1) \mid \ldots \,]$



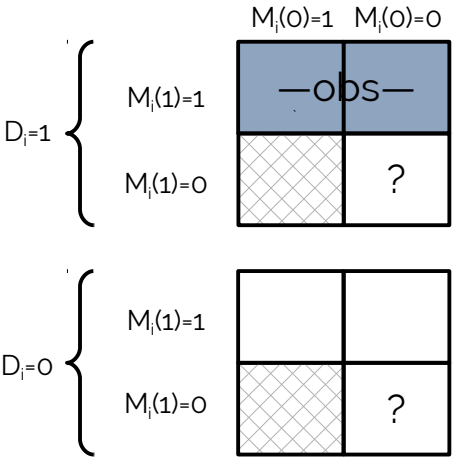
$E[\, Y_i(1, 0) \mid \ldots \,]$



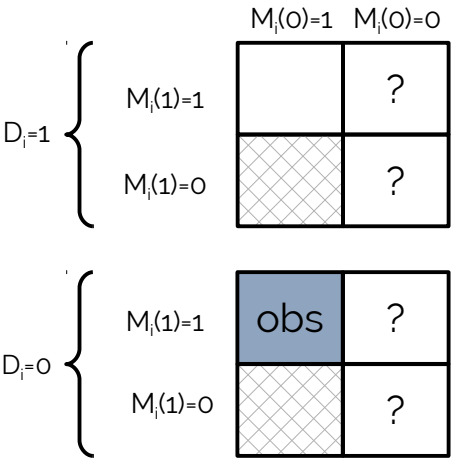
$E[\, Y_i(0, 0) \mid \ldots \,]$



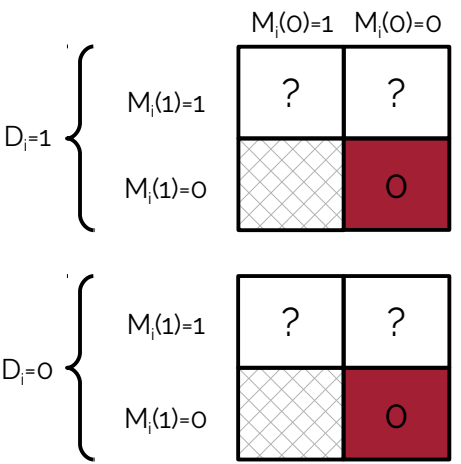
$E[\, Y_i(1, 1) \mid \ldots \,]$



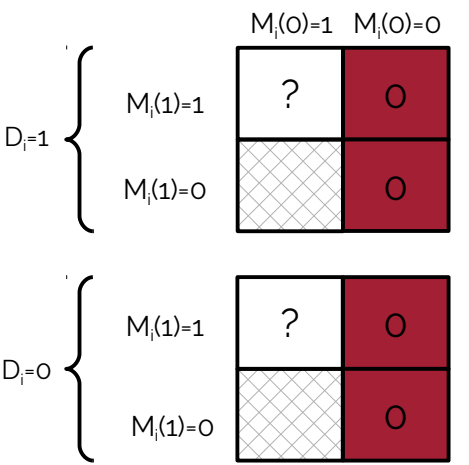
$E[\, Y_i(0, 1) \mid \ldots \,]$



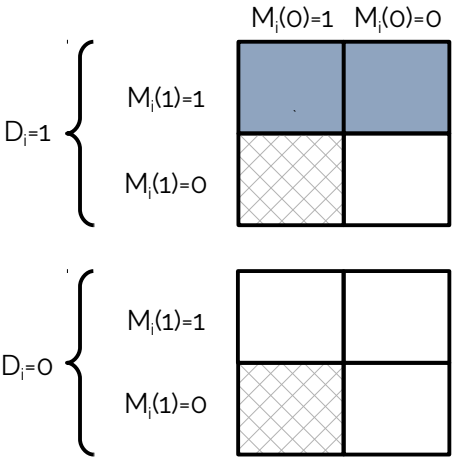
$E[\, Y_i(1, 0) \mid \ldots \,]$



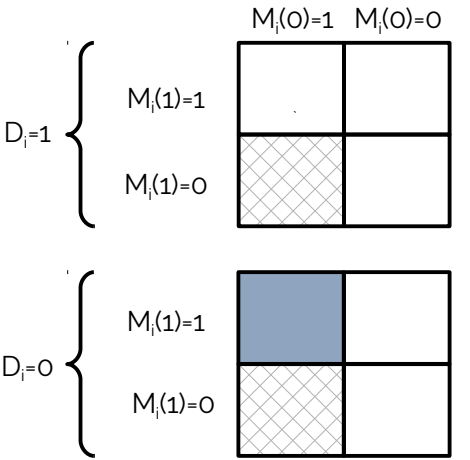
$E[\, Y_i(0, 0) \mid \ldots \,]$



$E[\, Y_i(1, 1) \mid \ldots \,]$

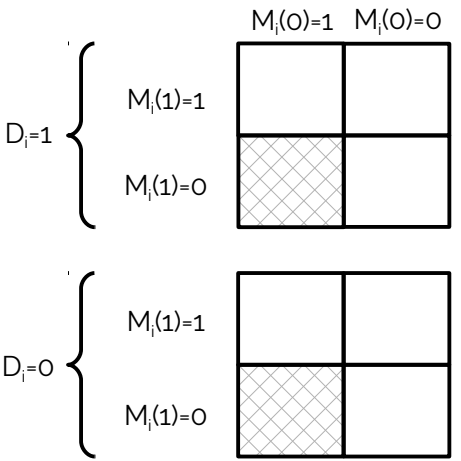


$E[\, Y_i(0, 1) \mid \ldots \,]$

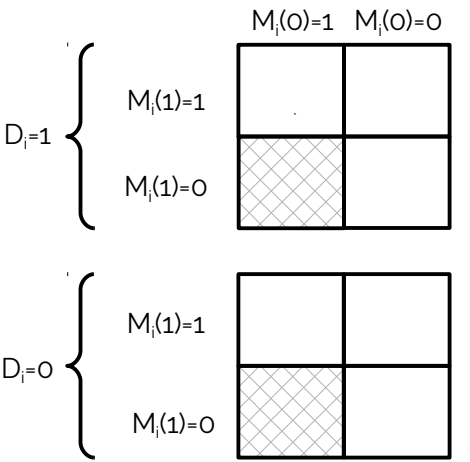


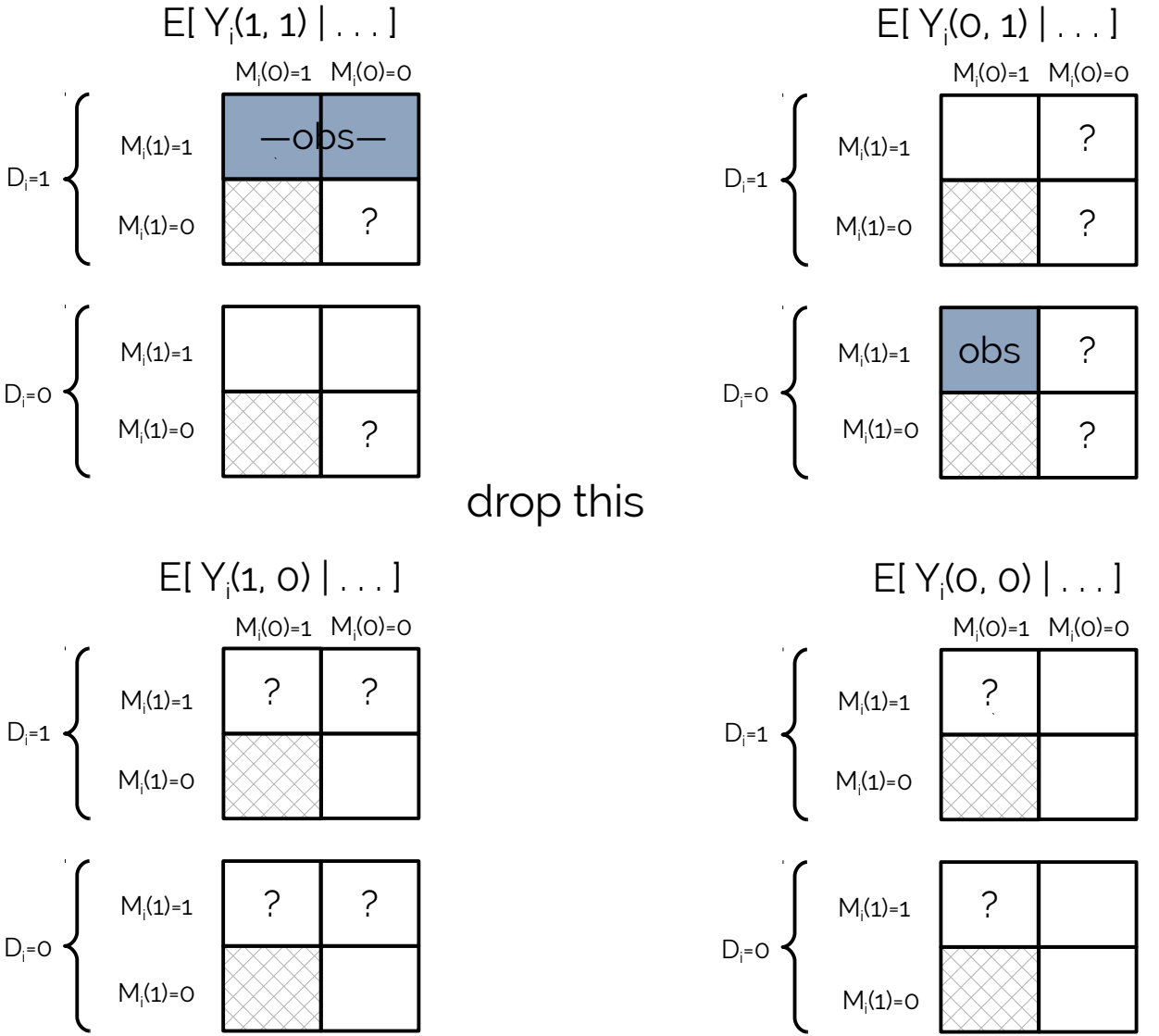
drop this

$E[\, Y_i(1, 0) \mid \ldots \,]$



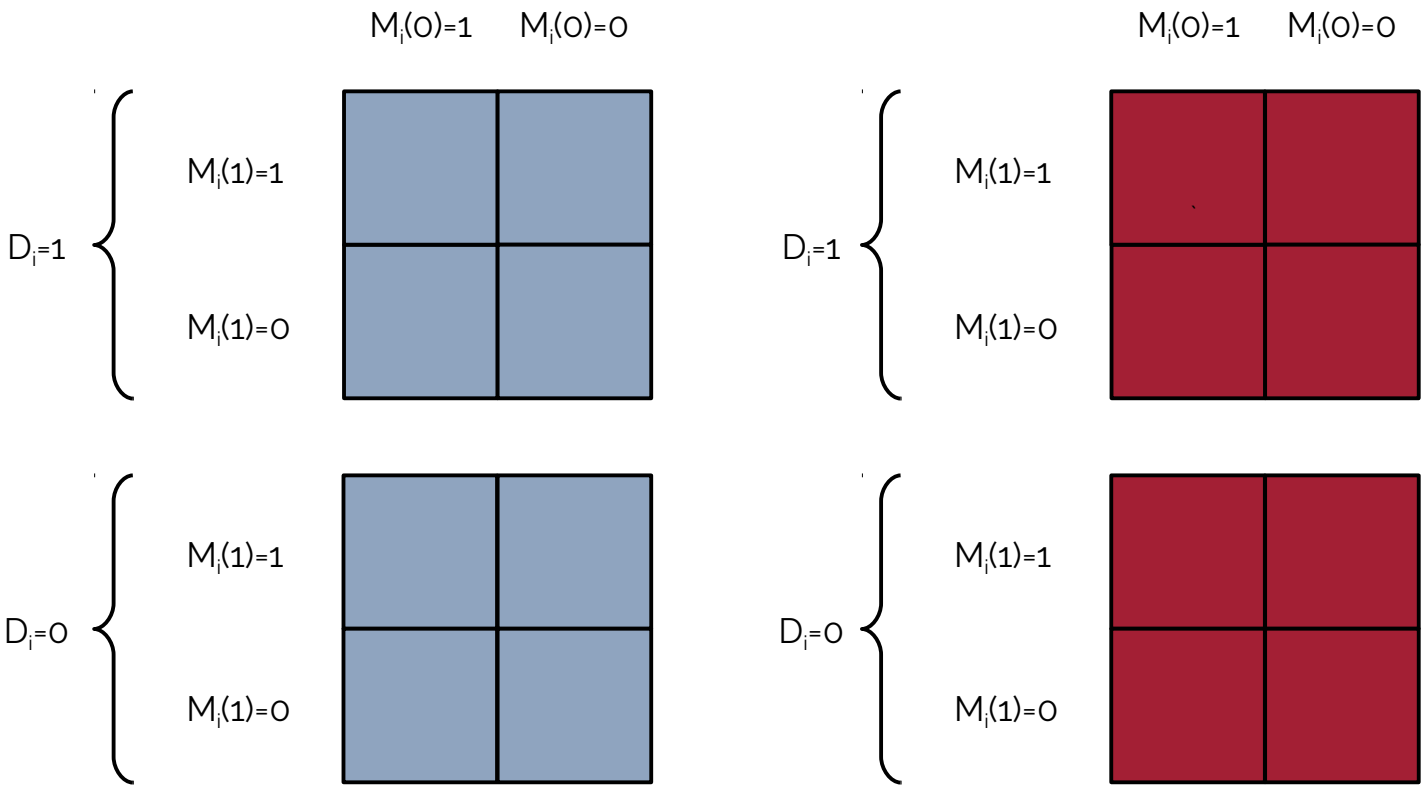
$E[\, Y_i(0, 0) \mid \ldots \,]$



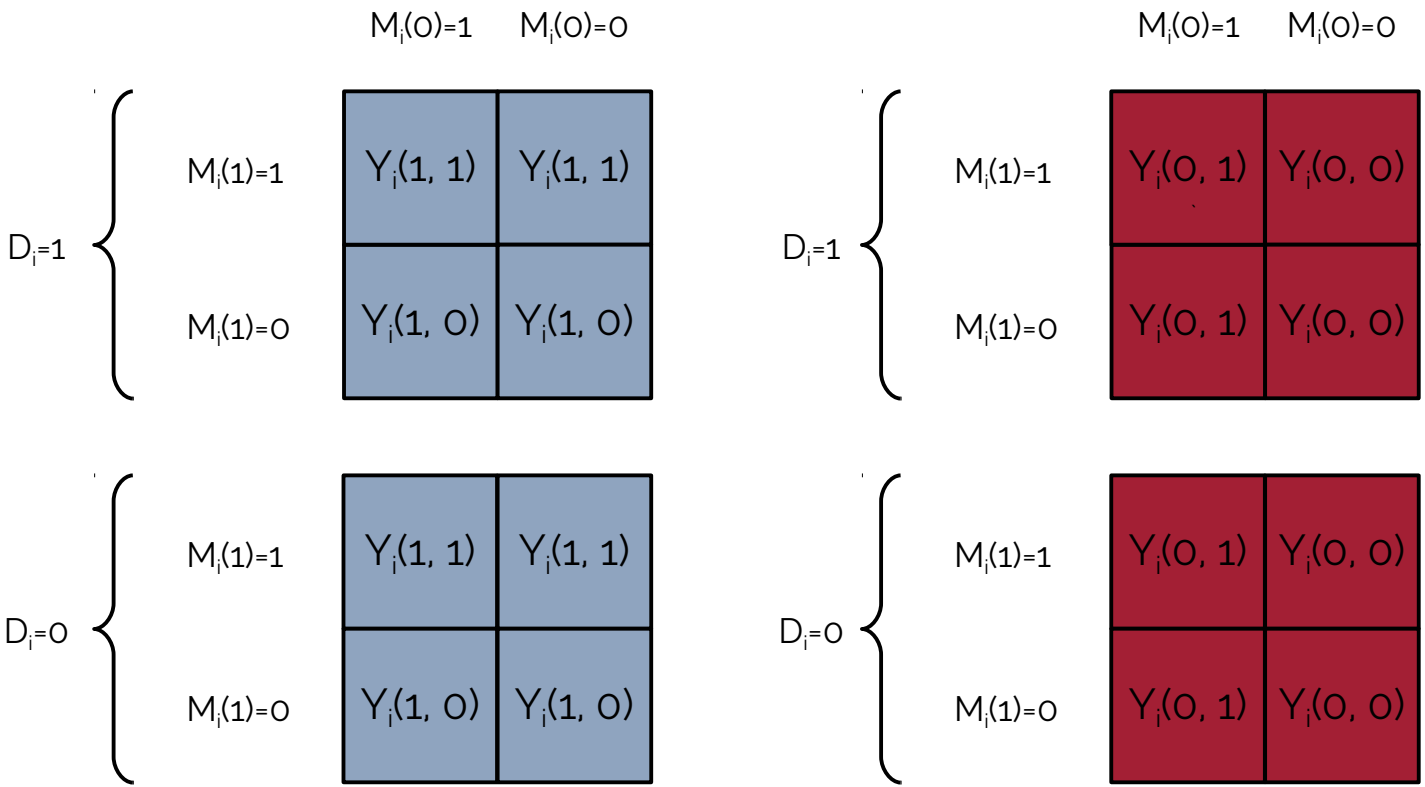

E[Y_i(1, 1) | . . .]
M_i(0)=1
M_i(0)=0
D_i=1
M_i(1)=1
M_i(1)=0
—obs—
?
D_i=0
M_i(1)=1
M_i(1)=0
?
E[Y_i(0, 1) | . . .]
M_i(0)=1
M_i(0)=0
D_i=1
M_i(1)=1
M_i(1)=0
?
?
D_i=0
M_i(1)=1
M_i(1)=0
obs
?
?
drop this
E[Y_i(1, 0) | . . .]
M_i(0)=1
M_i(0)=0
D_i=1
M_i(1)=1
M_i(1)=0
?
?
D_i=0
M_i(1)=1
M_i(1)=0
?
?
E[Y_i(0, 0) | . . .]
M_i(0)=1
M_i(0)=0
D_i=1
M_i(1)=1
M_i(1)=0
?
D_i=0
M_i(1)=1
M_i(1)=0
?

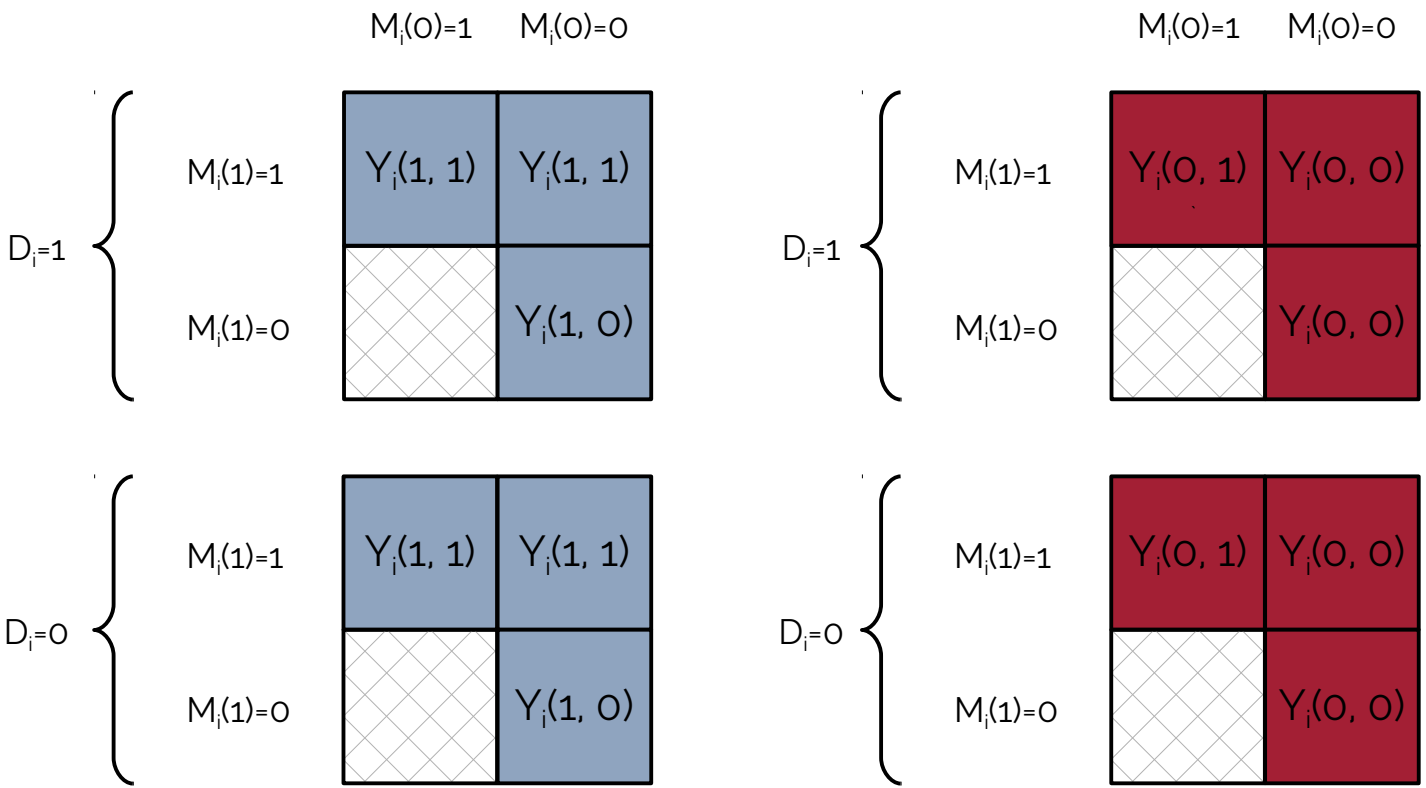
ate

$E[\, Y_i(1, M_i(1)) \mid \ldots \,]$ — $E[\, Y_i(0, M_i(0)) \mid \ldots \,]$

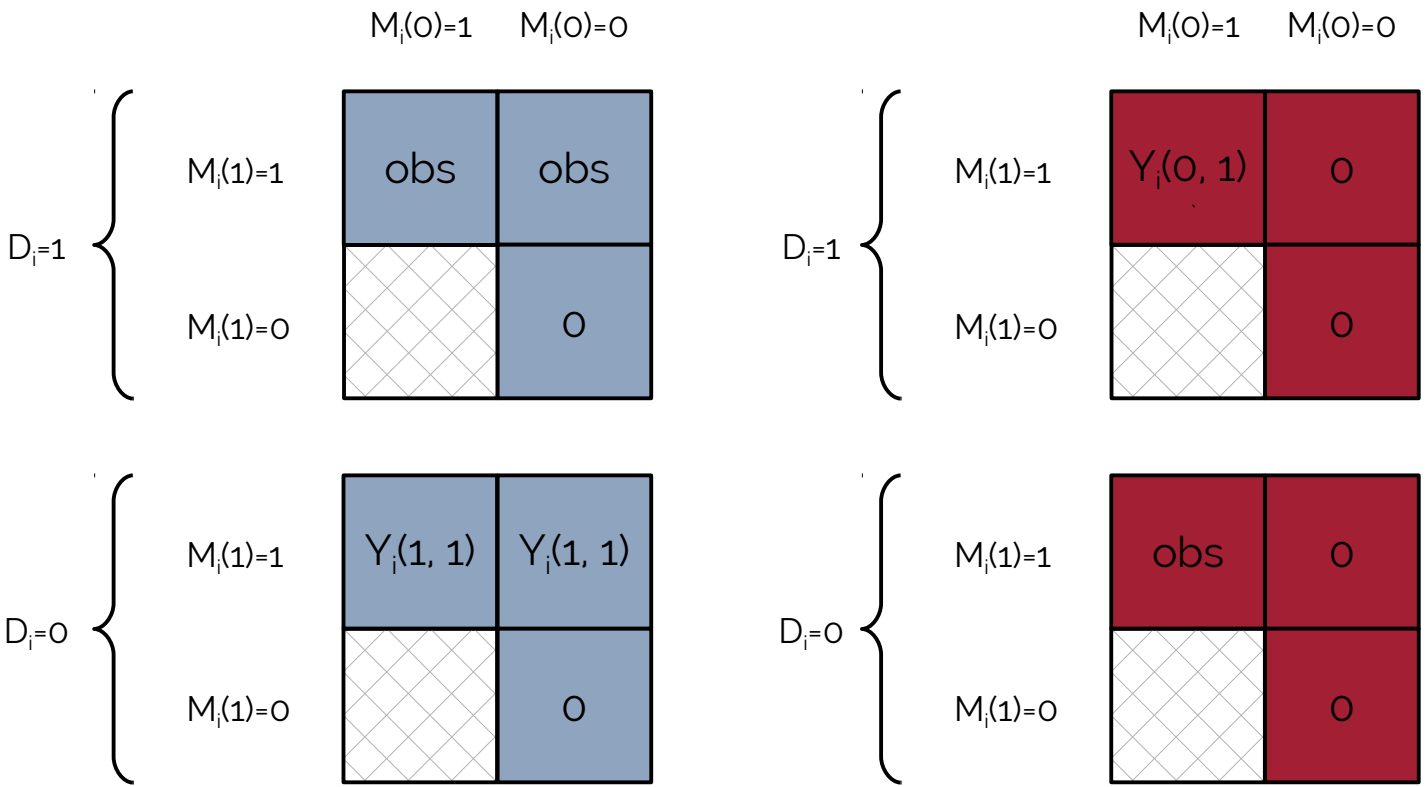


$E[\, Y_i(1, M_i(1)) \mid \ldots \,]$ — $E[\, Y_i(0, M_i(0)) \mid \ldots \,]$



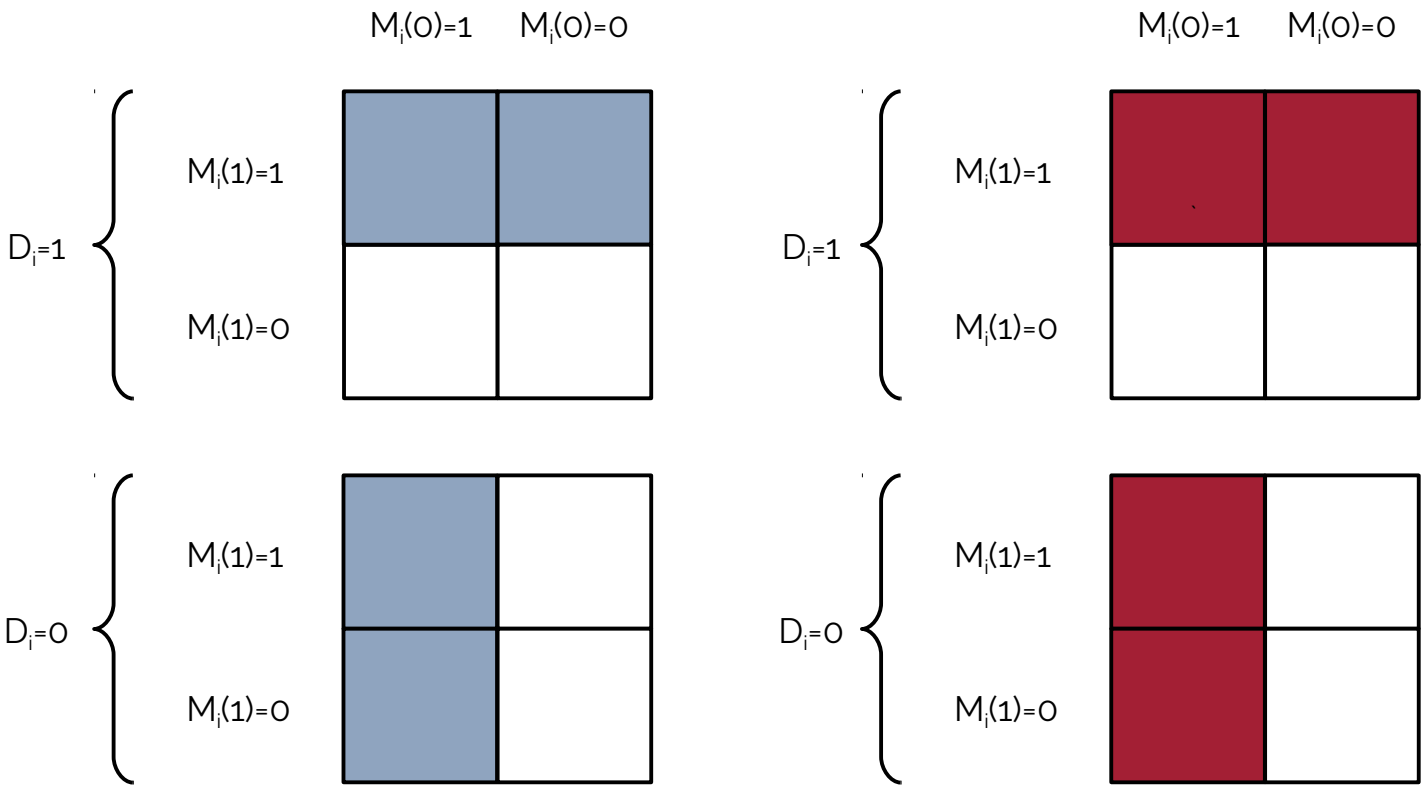

E[Y_i(1, M_i(1)) | . . .]
—
E[Y_i(0, M_i(0)) | . . .]
M_i(0)=1
M_i(0)=0
D_i=1
M_i(1)=1
M_i(1)=0
Y_i(1, 1)
Y_i(1, 1)
Y_i(1, 0)
D_i=0
M_i(1)=1
M_i(1)=0
Y_i(1, 1)
Y_i(1, 1)
Y_i(1, 0)
M_i(0)=1
M_i(0)=0
D_i=1
M_i(1)=1
M_i(1)=0
Y_i(0, 1)
Y_i(0, 0)
Y_i(0, 0)
D_i=0
M_i(1)=1
M_i(1)=0
Y_i(0, 1)
Y_i(0, 0)
Y_i(0, 0)

$E[\, Y_i(1, M_i(1)) \mid \ldots \,]$ — $E[\, Y_i(0, M_i(0)) \mid \ldots \,]$

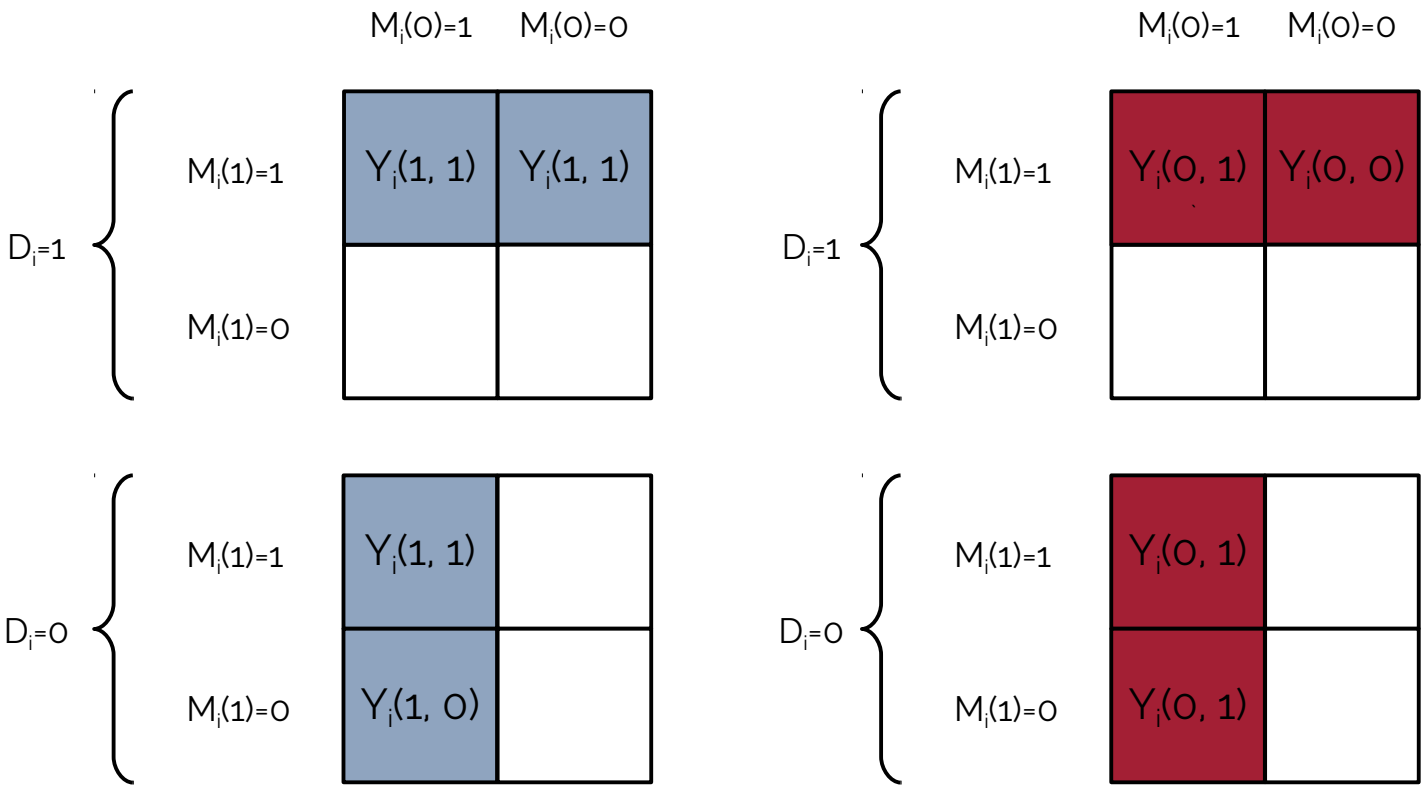


ates

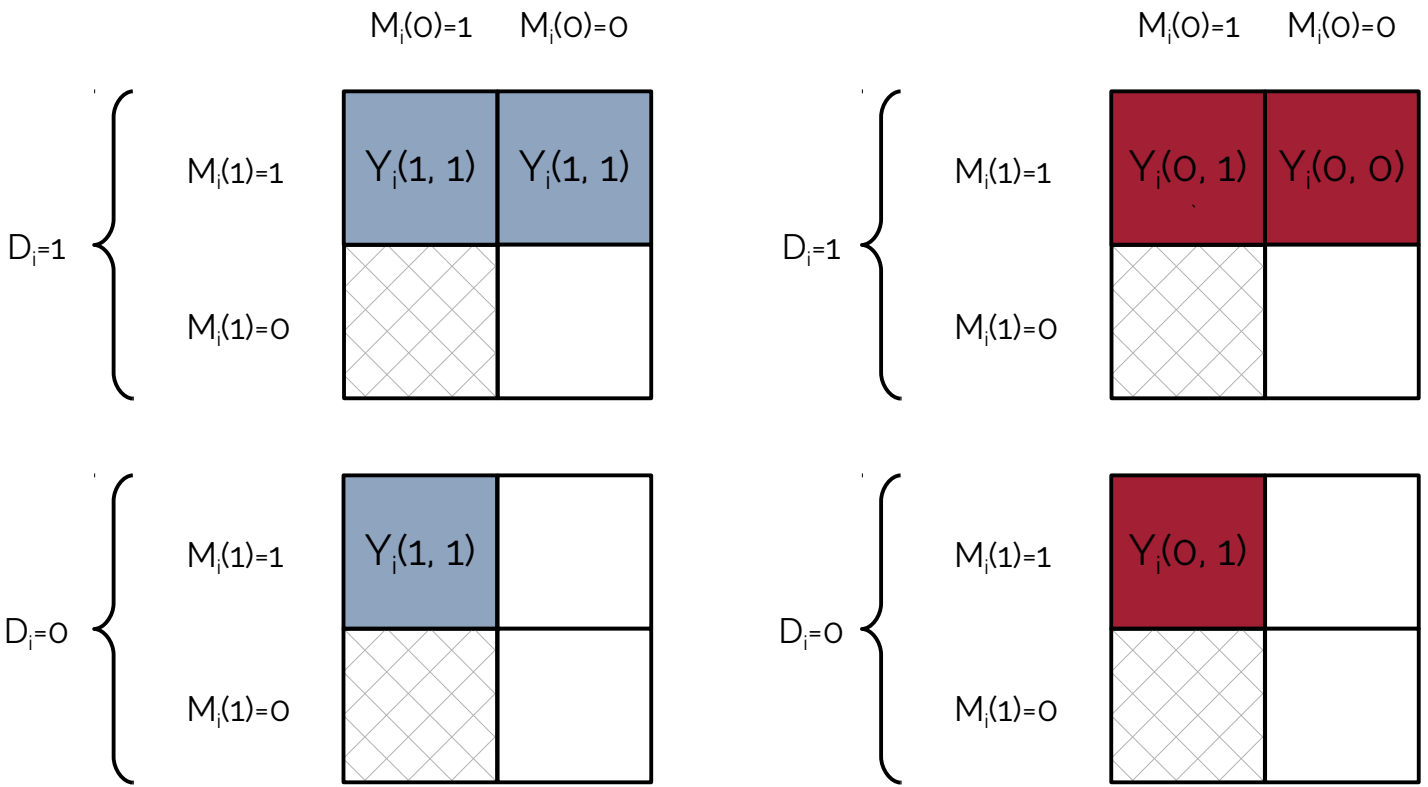
$E[\, Y_i(1, M_i(1)) \mid \ldots \,]$ — $E[\, Y_i(0, M_i(0)) \mid \ldots \,]$



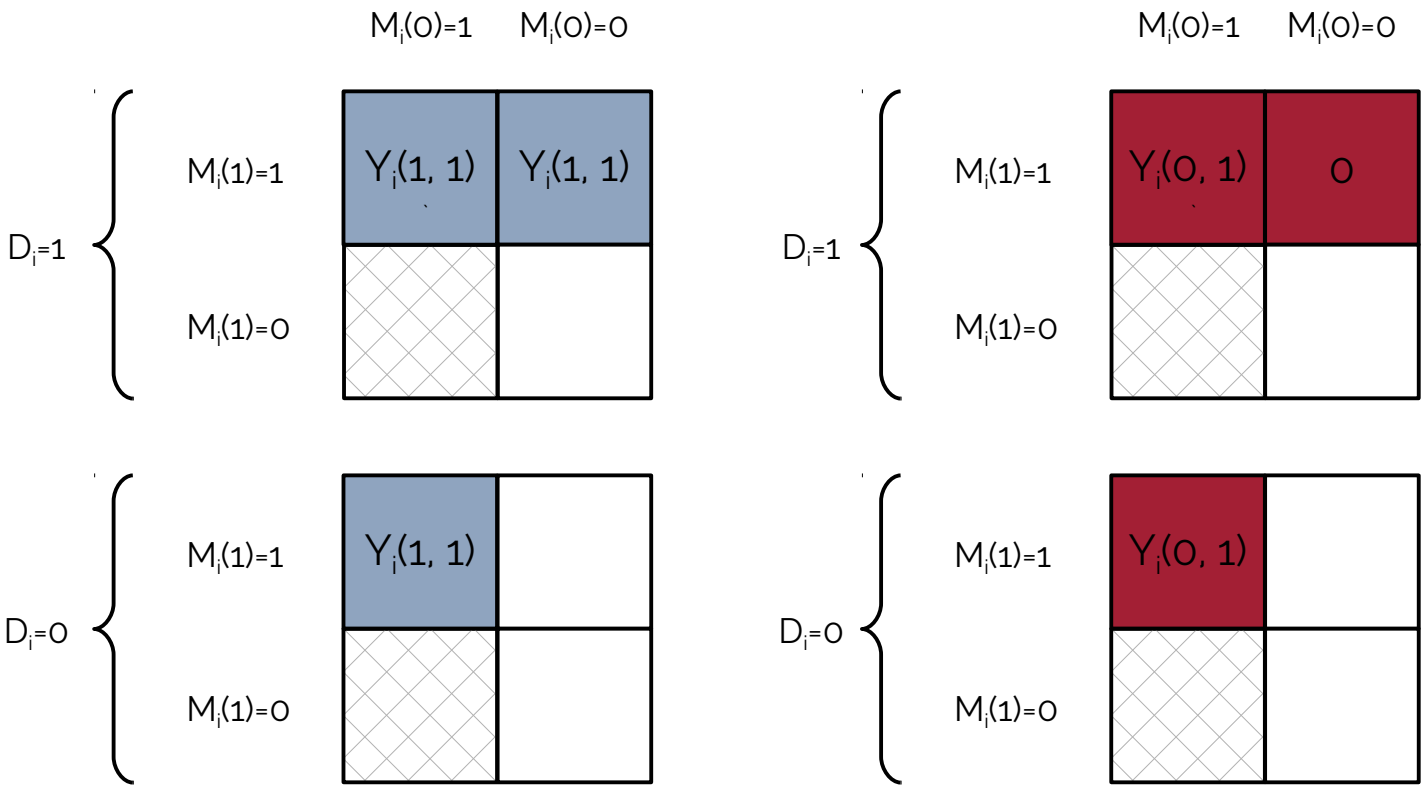
$E[\, Y_i(1, M_i(1)) \mid \ldots \,]$ — $E[\, Y_i(0, M_i(0)) \mid \ldots \,]$



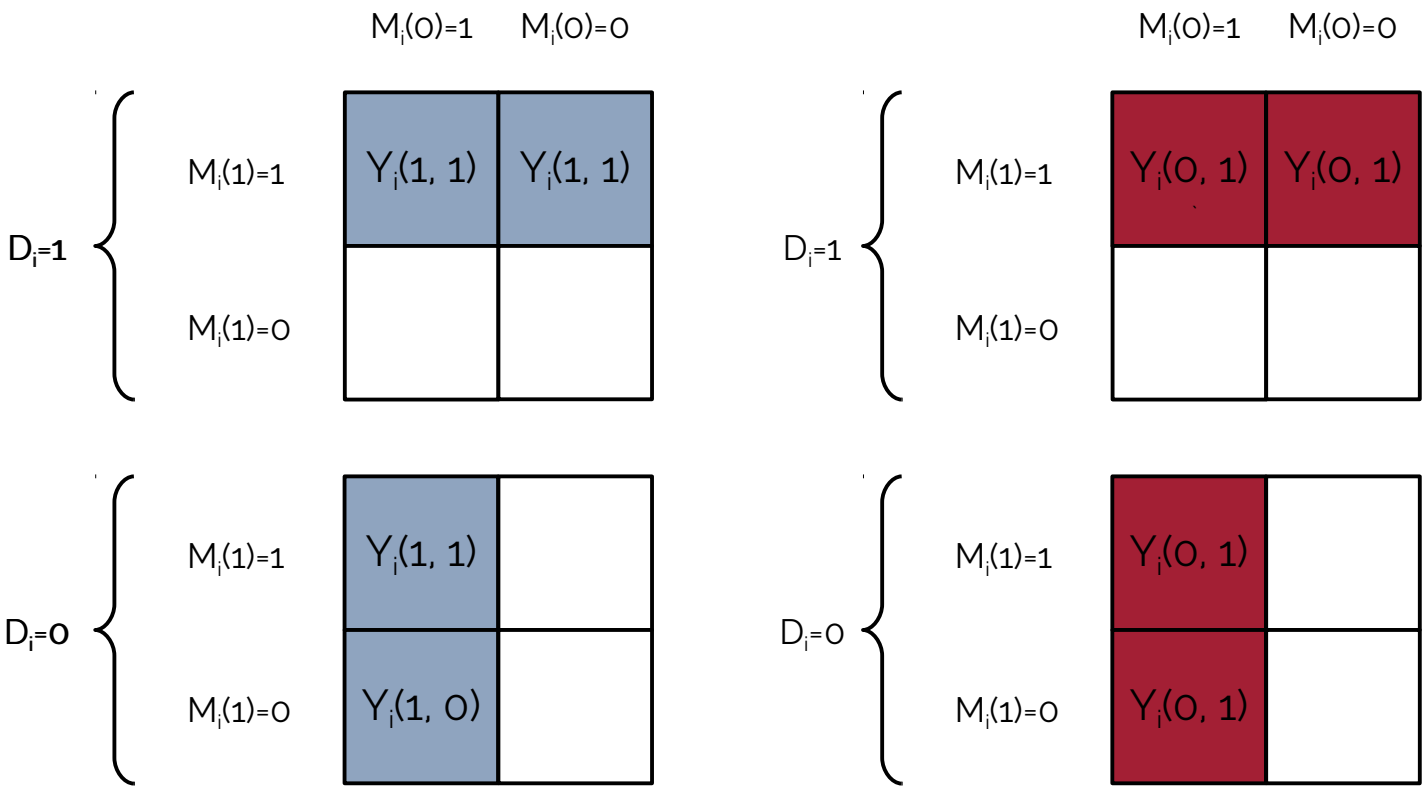
$E[\, Y_i(1, M_i(1)) \mid \ldots \,]$ — $E[\, Y_i(0, M_i(0)) \mid \ldots \,]$



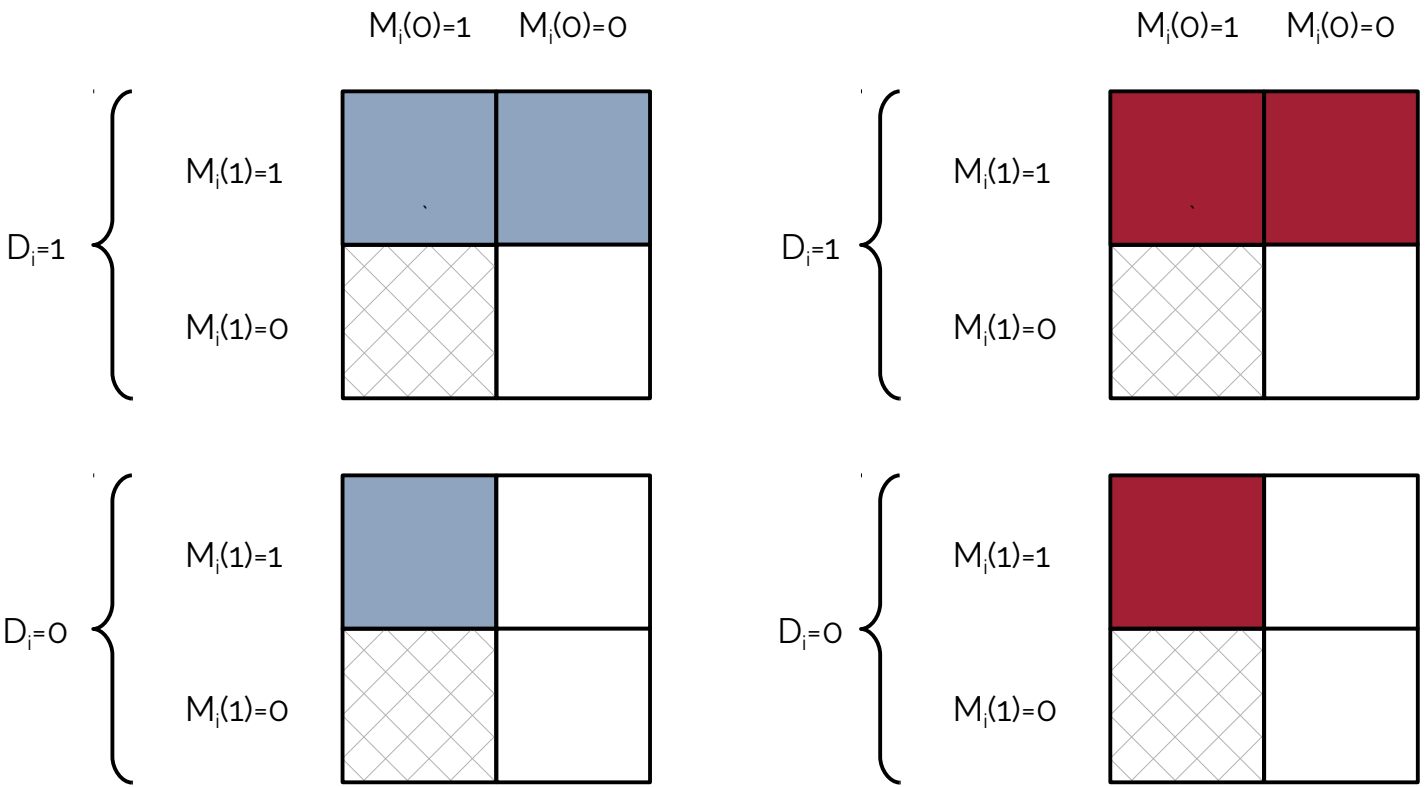
$E[\, Y_i(1, M_i(1)) \mid \ldots \,]$ — $E[\, Y_i(0, M_i(0)) \mid \ldots \,]$



cdes

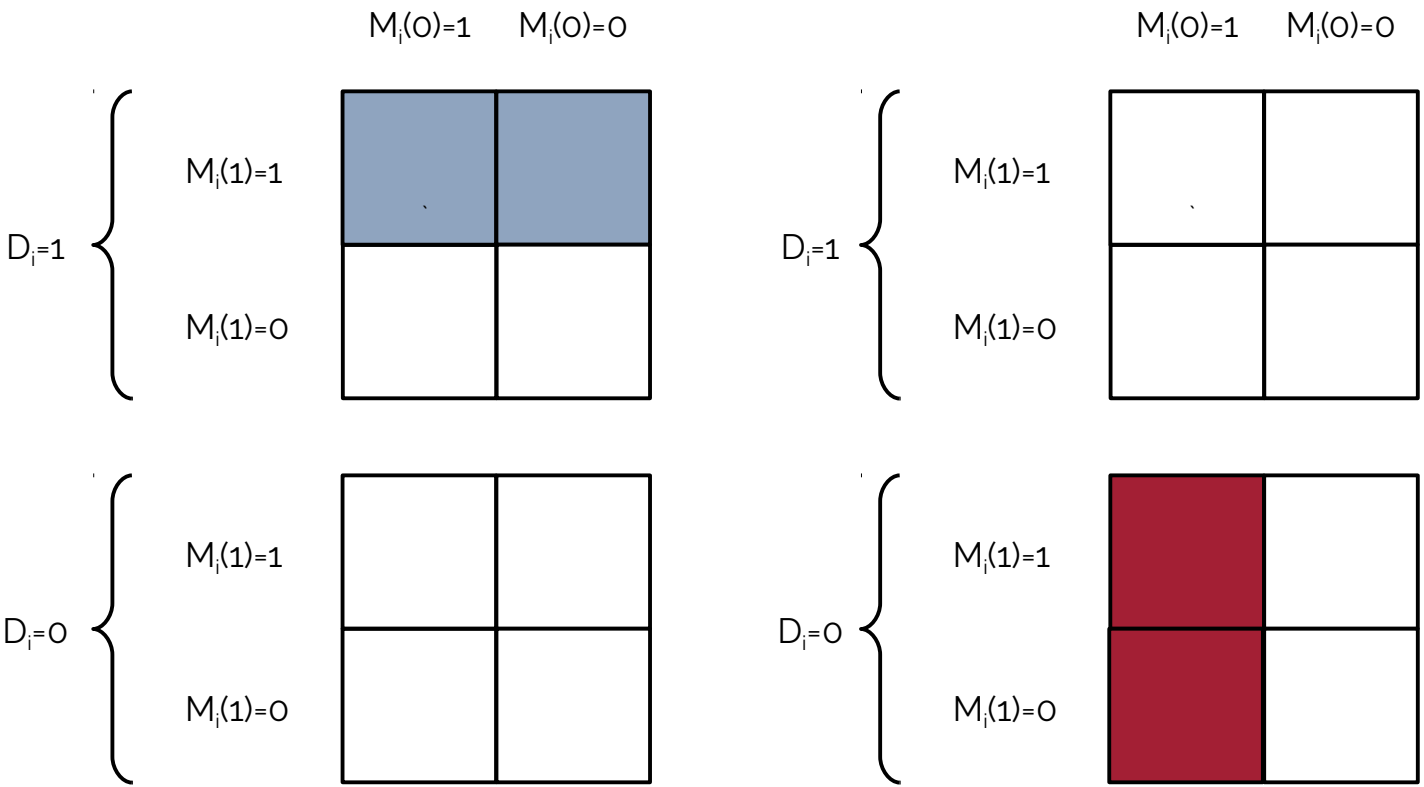

E[Y_i(1, 1) | . . .]
—
E[Y_i(0, 1) | . . .]
M_i(0)=1
M_i(0)=0
D_i=1
M_i(1)=1
M_i(1)=0
Y_i(1, 1)
Y_i(1, 1)
D_i=0
M_i(1)=1
M_i(1)=0
Y_i(1, 1)
Y_i(1, 0)
M_i(0)=1
M_i(0)=0
D_i=1
M_i(1)=1
M_i(1)=0
Y_i(0, 1)
Y_i(0, 1)
D_i=0
M_i(1)=1
M_i(1)=0
Y_i(0, 1)
Y_i(0, 1)

$E[\, Y_i(1, 1) \mid \ldots \,]$ — $E[\, Y_i(0, 1) \mid \ldots \,]$



naive estimator

$E[\, Y_i(1, 1) \mid \ldots \,]$ — $E[\, Y_i(0, 1) \mid \ldots \,]$



$E[\, Y_i(1, 1) \mid \ldots \,]$ — $E[\, Y_i(0, 1) \mid \ldots \,]$