

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

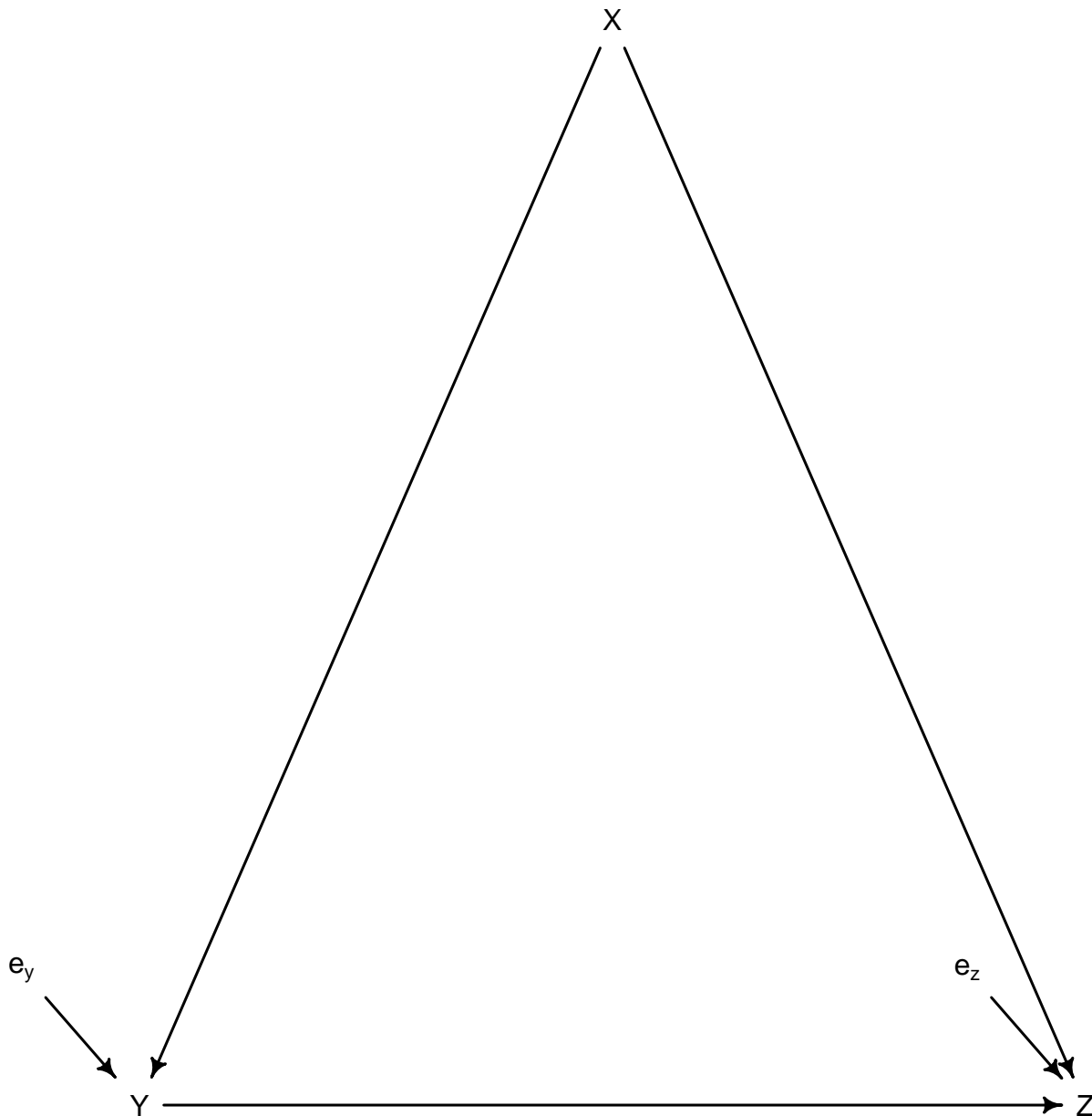
X

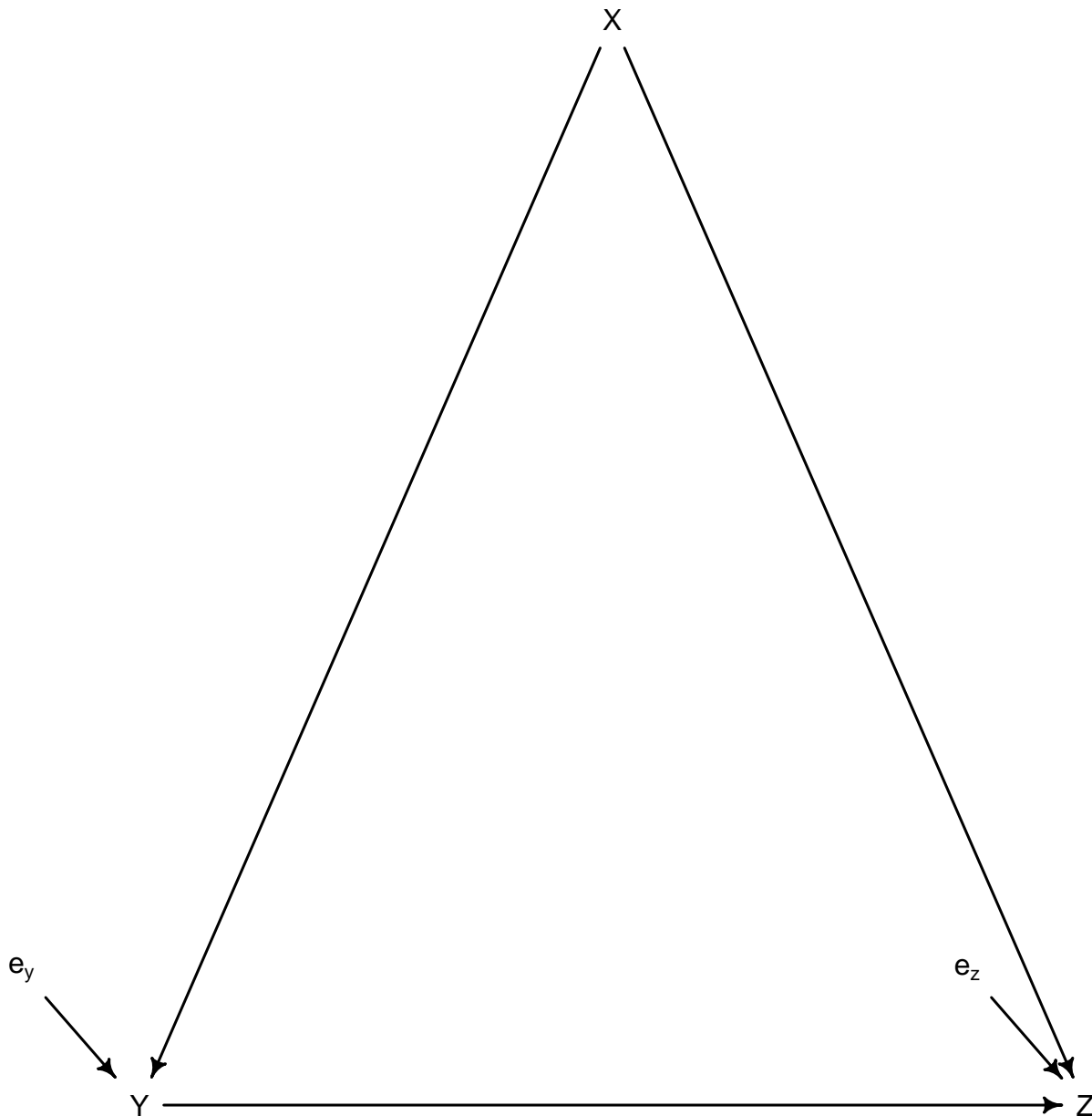
X

X

X

X





X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

Y

Z

e_y

e_z

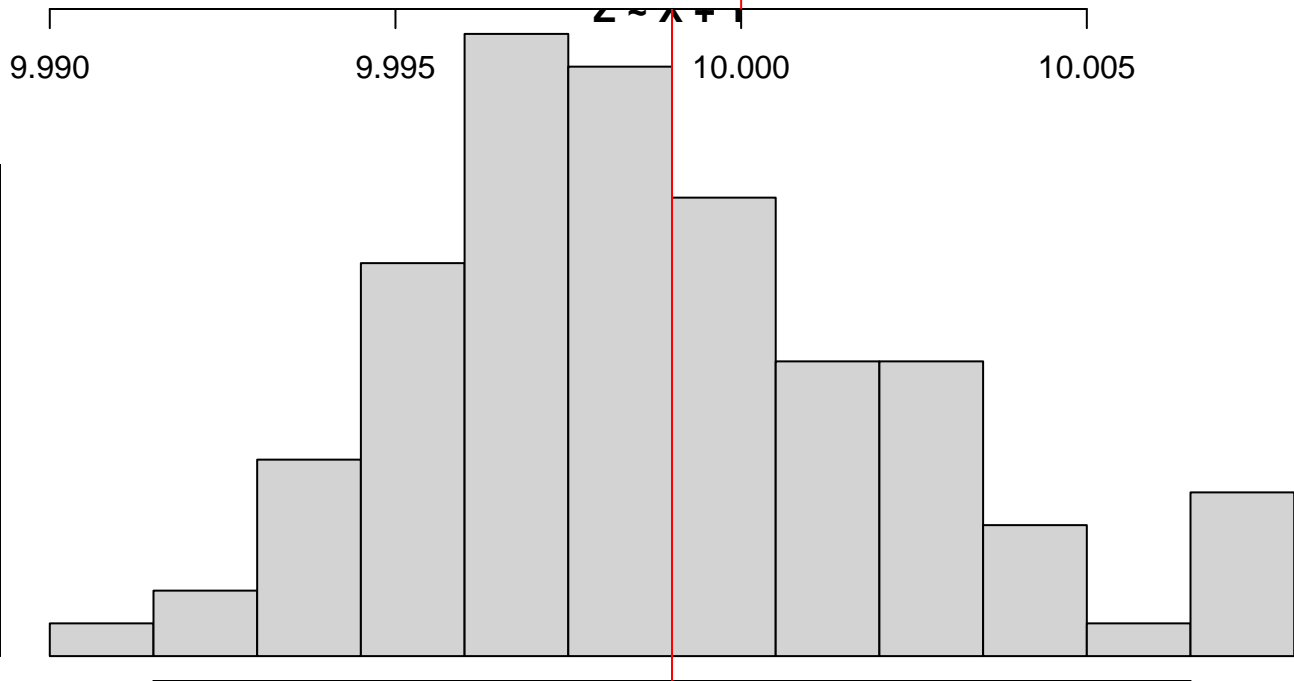
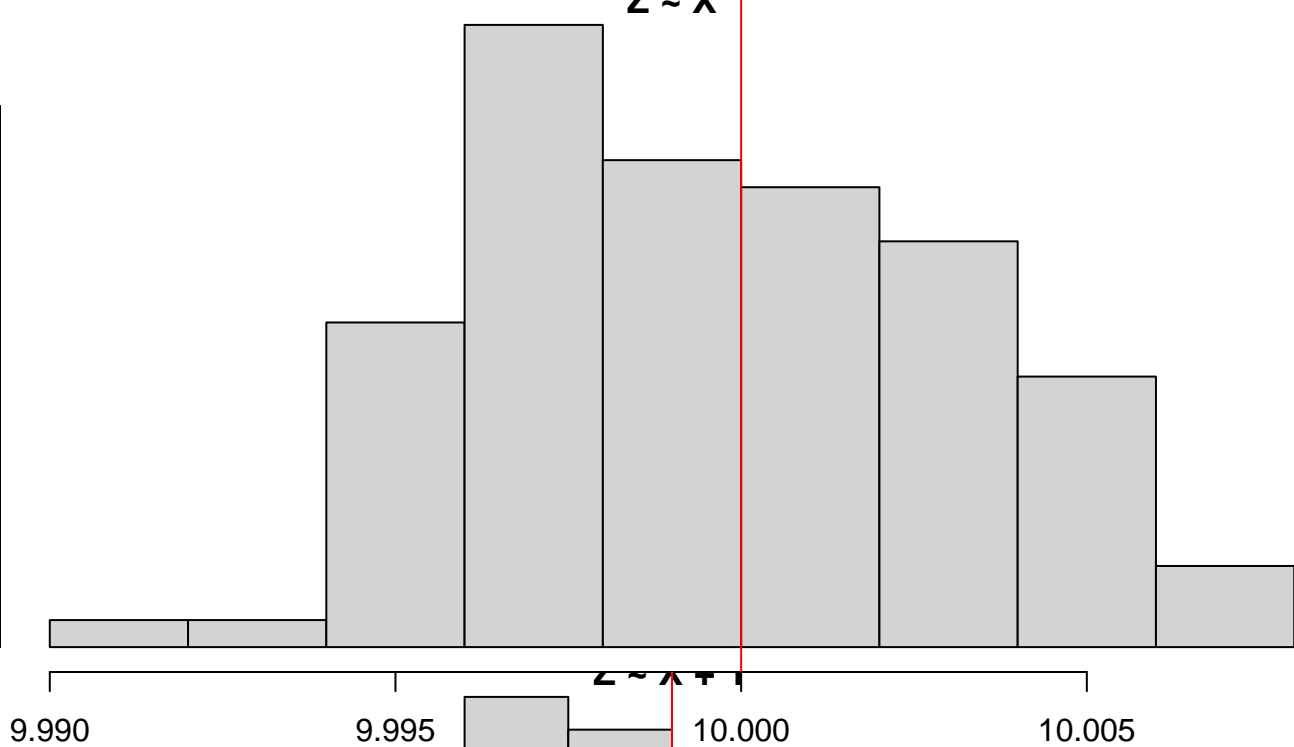
UV.radiation



Ice.cream.consumption



INK4a



Sun

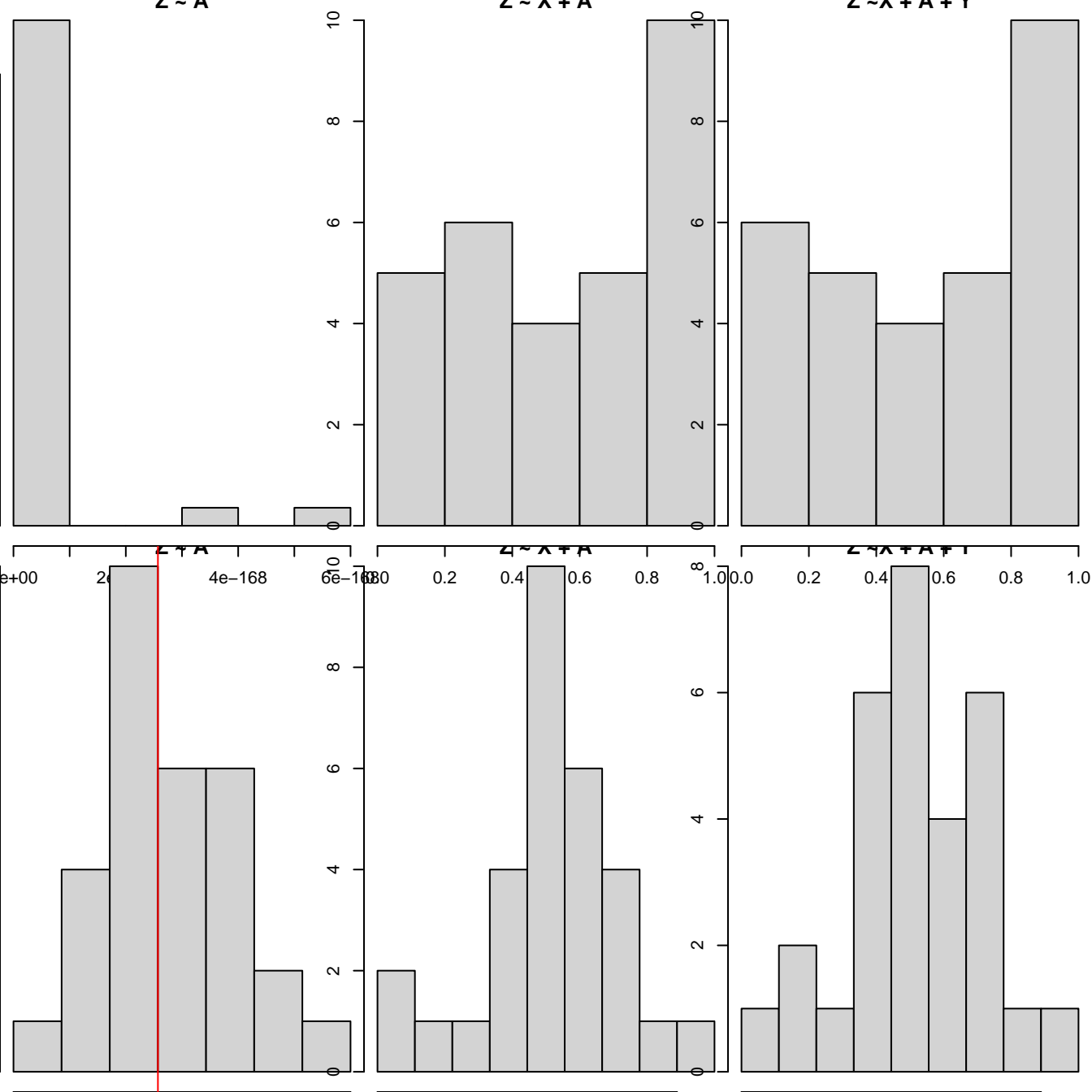


UV.radiation

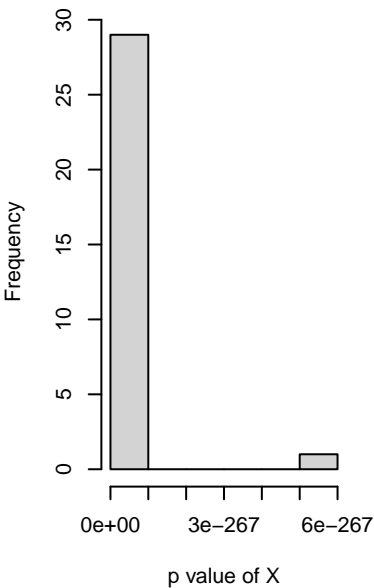


Ice.cream.consumption

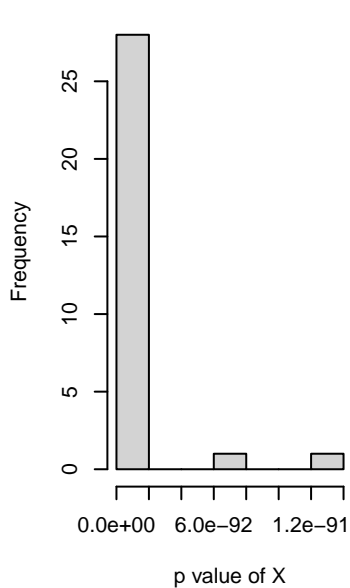
INK4a



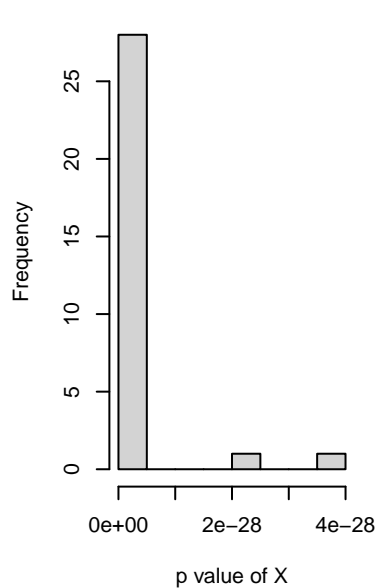
Z ~ X



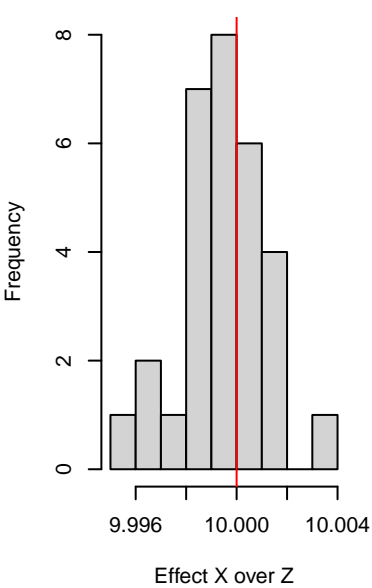
Z ~ X + A



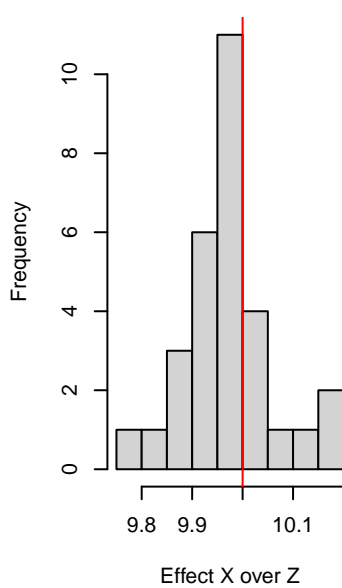
Z ~X + A + Y



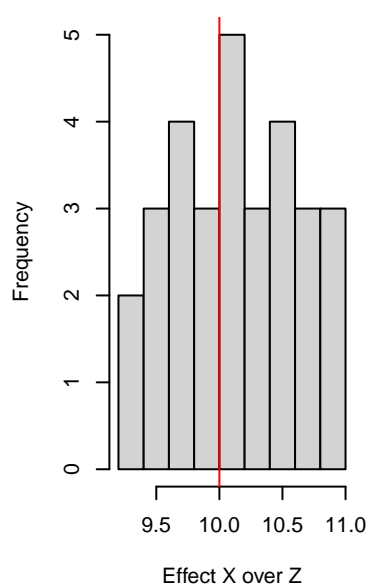
Z ~ X

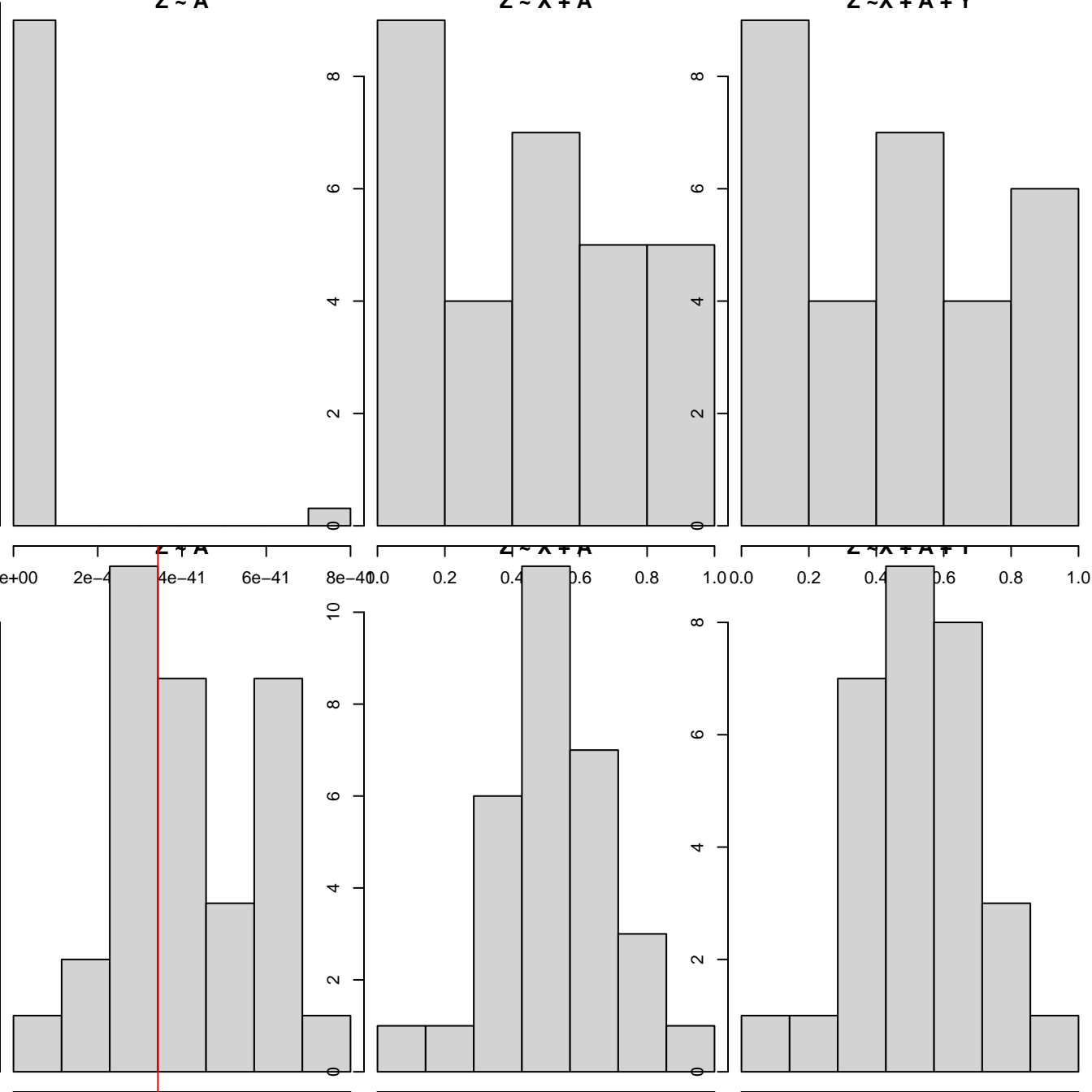


Z ~ X + A

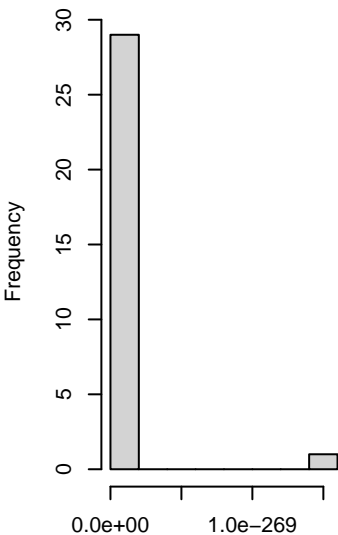


Z ~X + A + Y



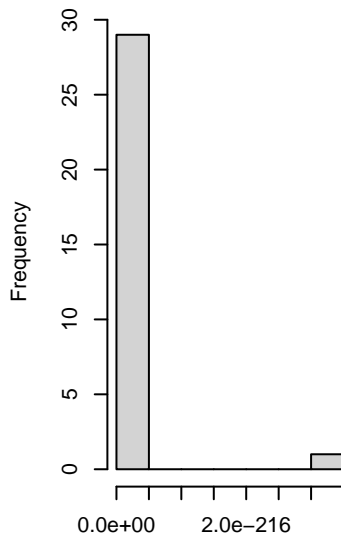


$Z \sim X$



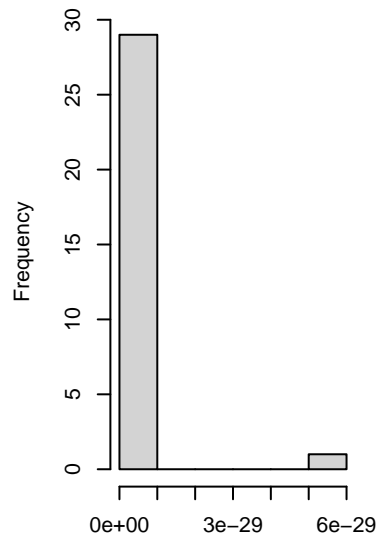
p value of X

$Z \sim X + A$



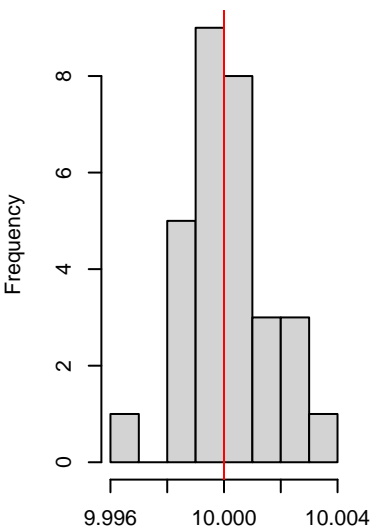
p value of X

$Z \sim X + A + Y$



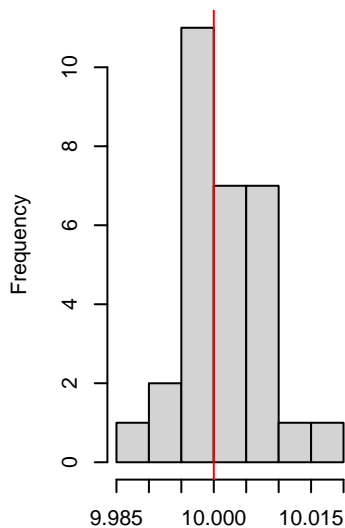
p value of X

$Z \sim X$



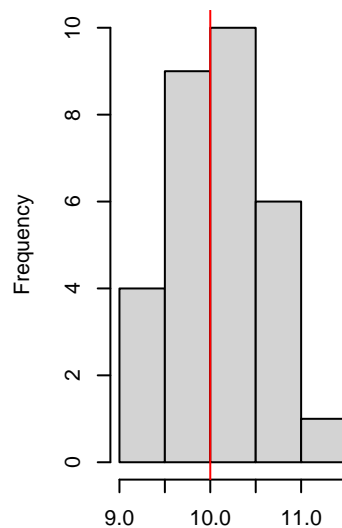
Effect X over Z

$Z \sim X + A$



Effect X over Z

$Z \sim X + A + Y$

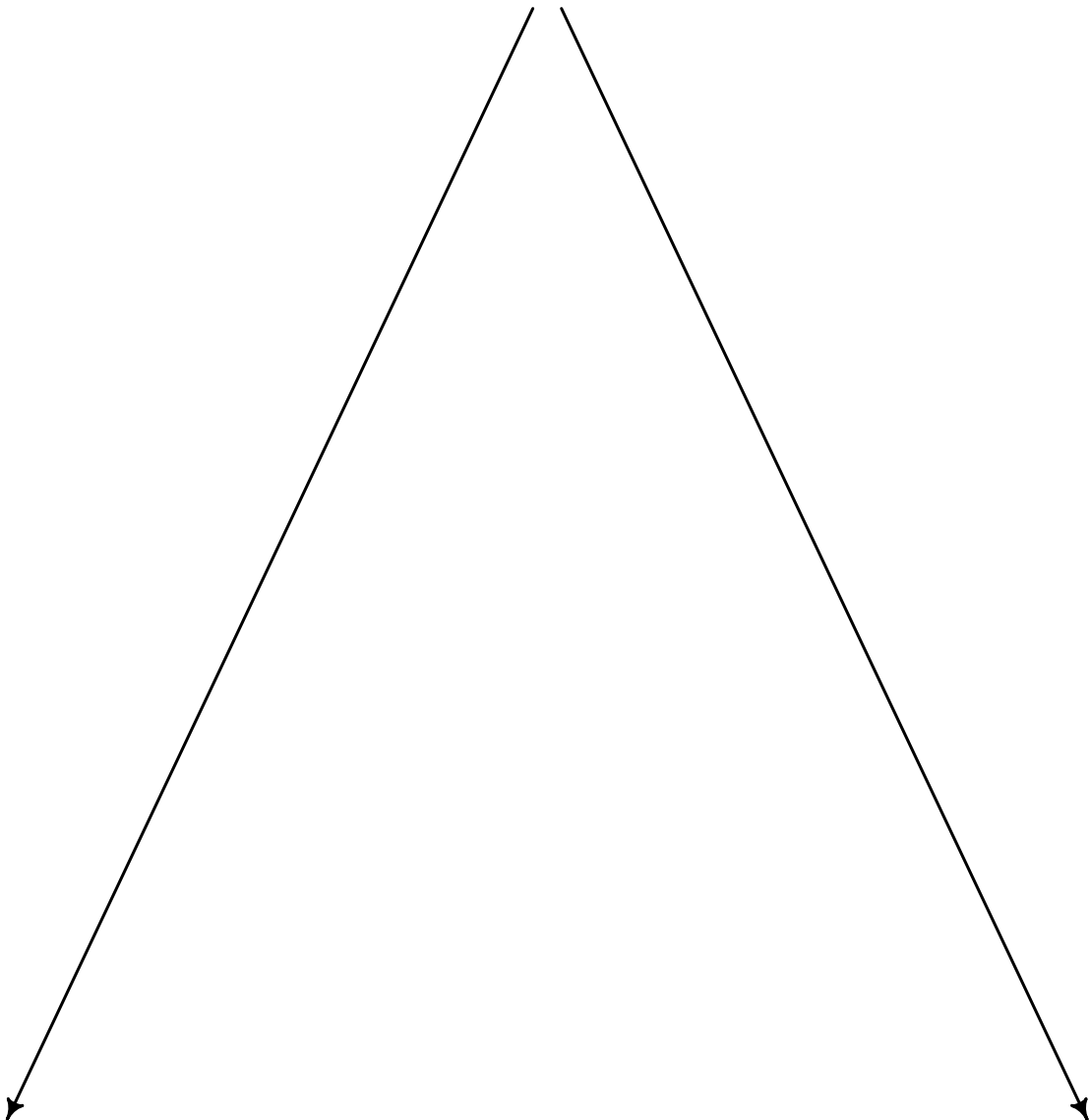


Effect X over Z

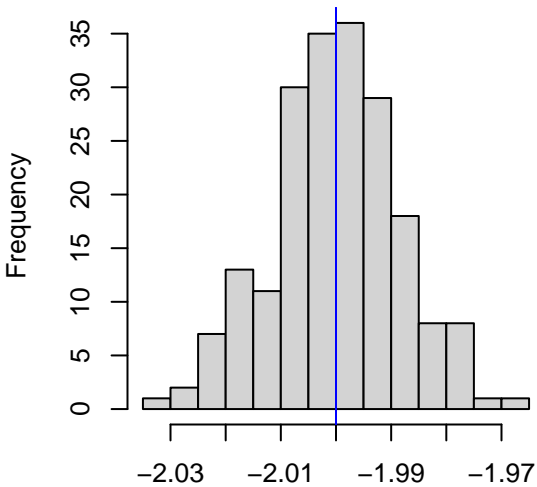
UV.radiation

MATP

INK4a

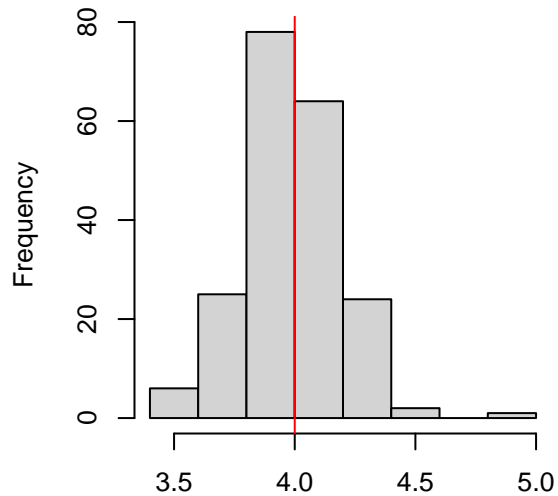


$Z \sim X$



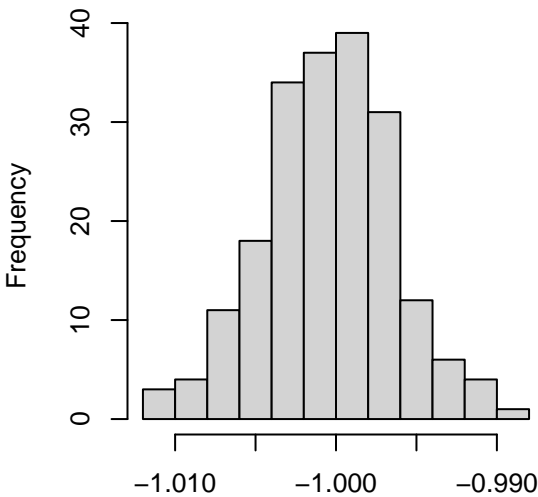
Effect X over Z

$Z \sim X + Y$



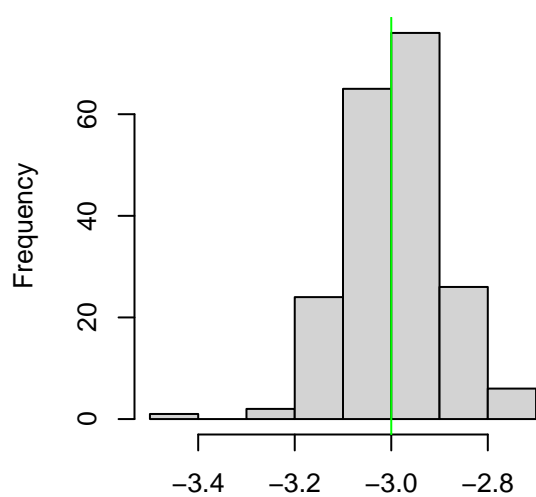
Effect X over Z

$Z \sim Y$



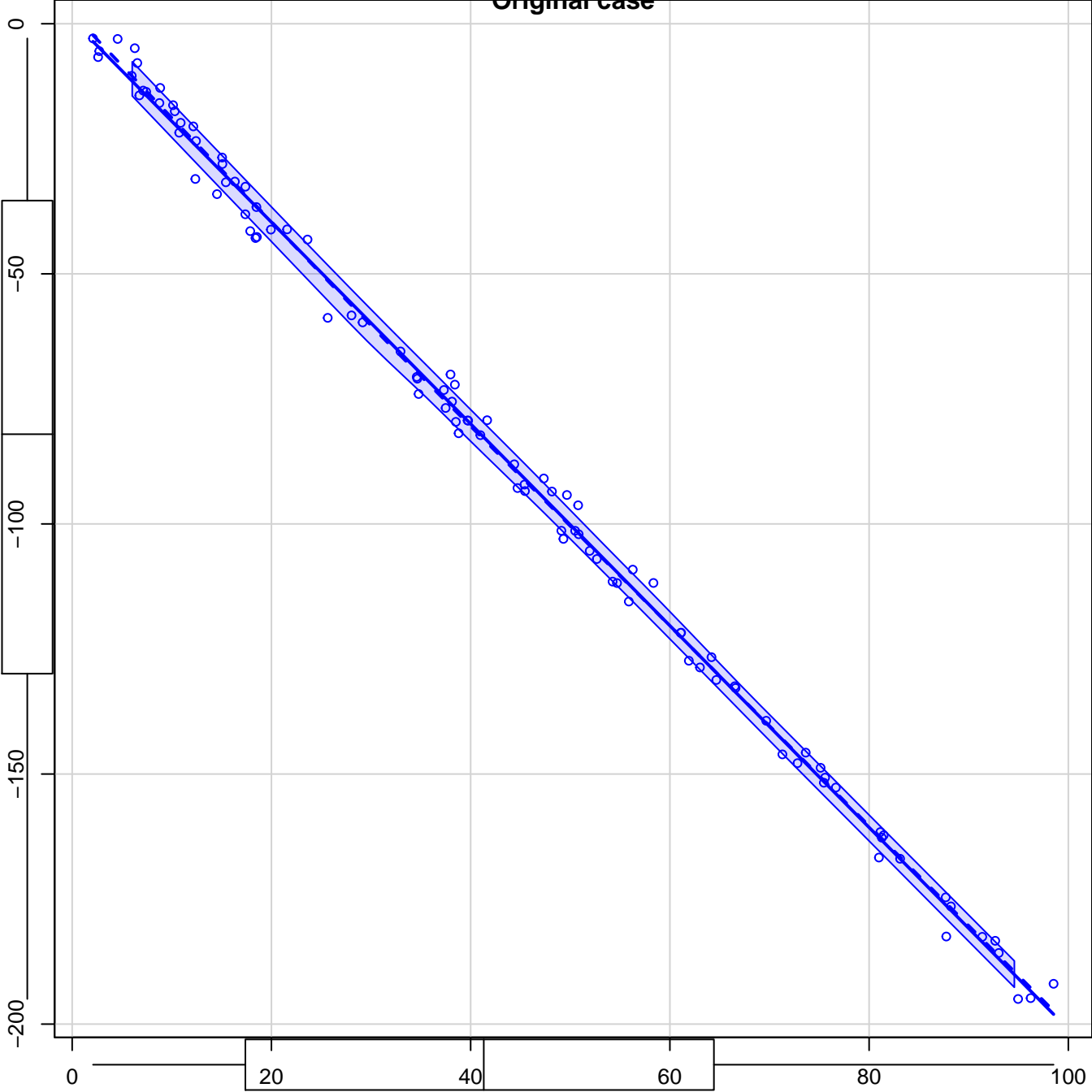
Effect Y over Z

$Z \sim Y + X$

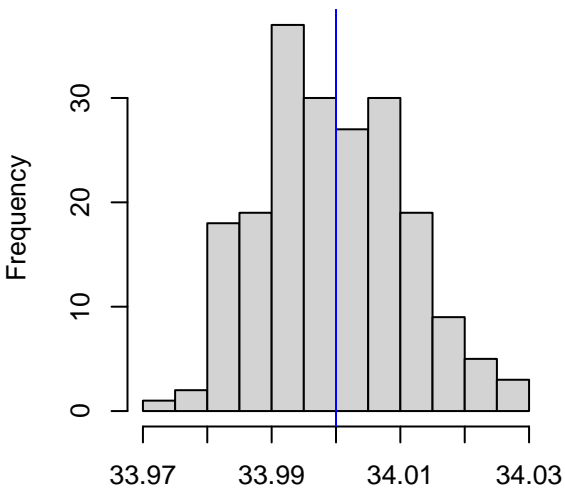


Effect Y over Z

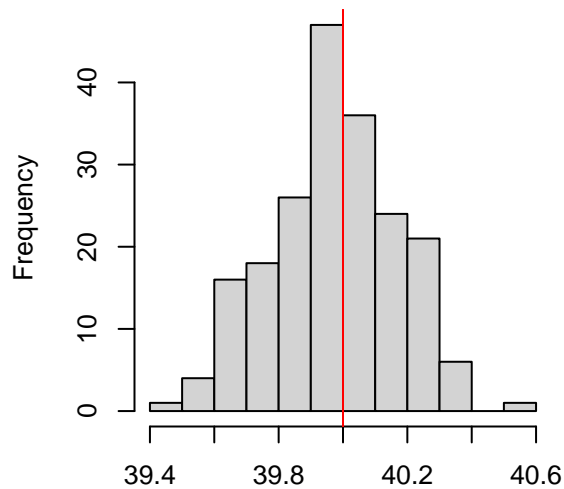
Original case



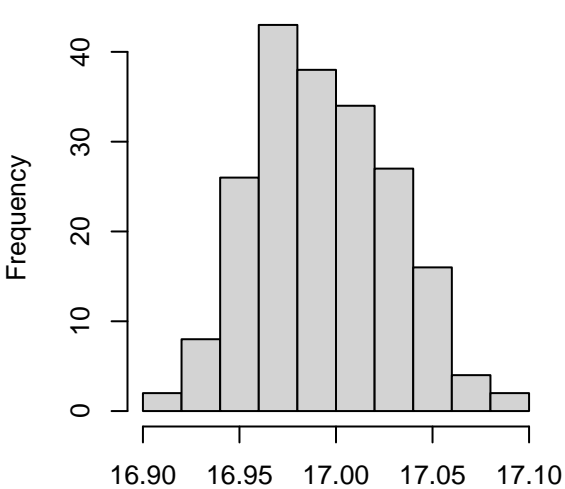
$Z \sim X$



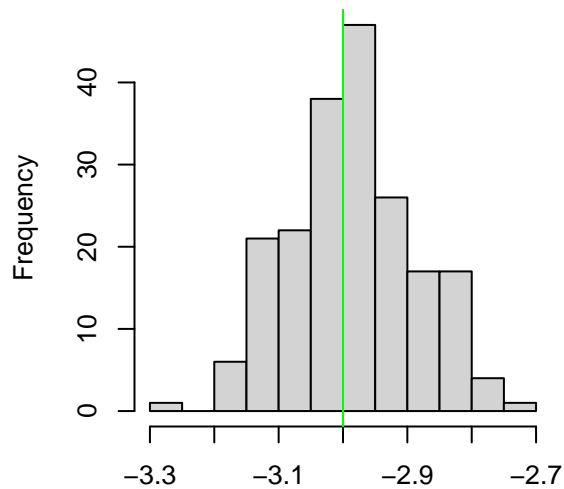
$Z \sim X + Y$



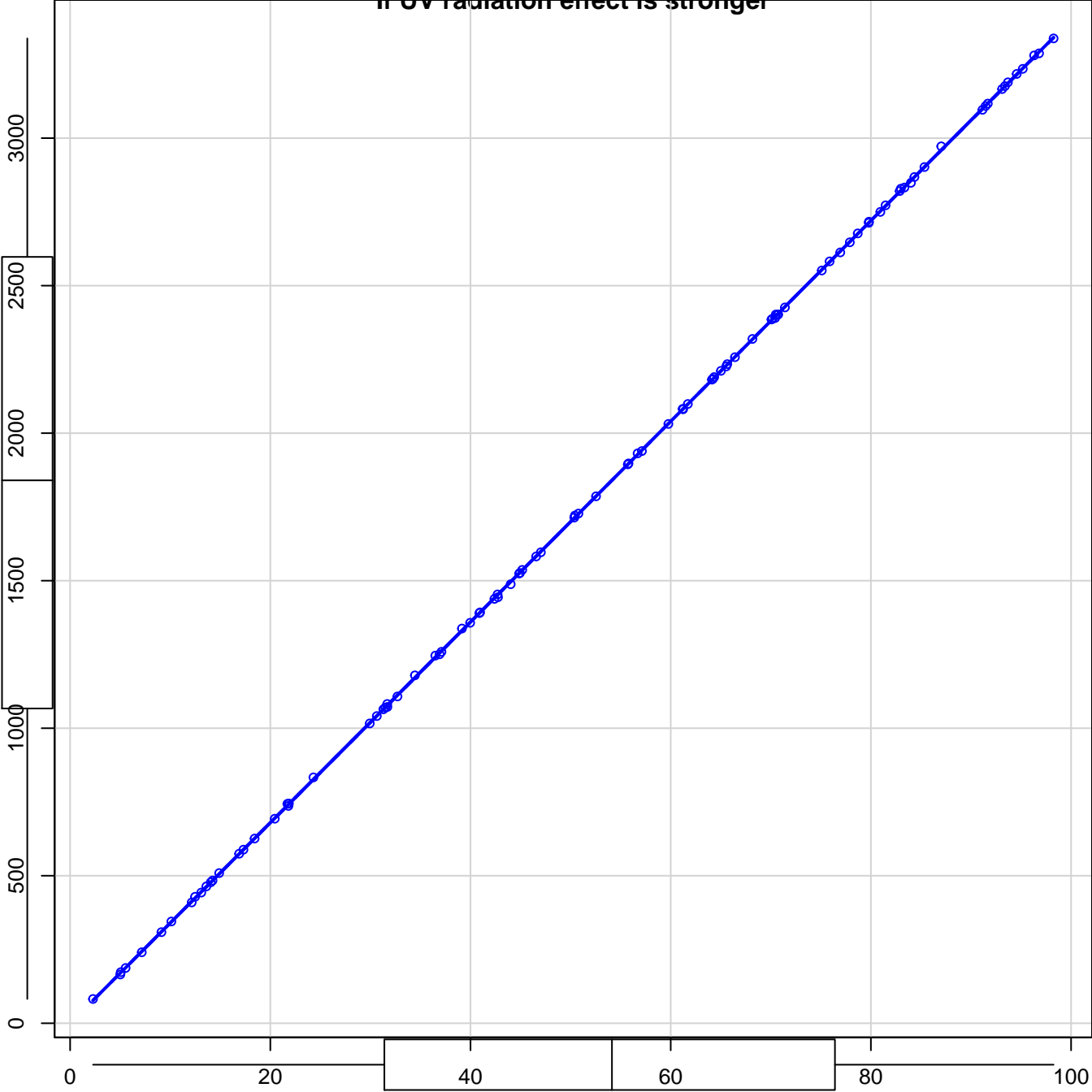
$Z \sim Y$



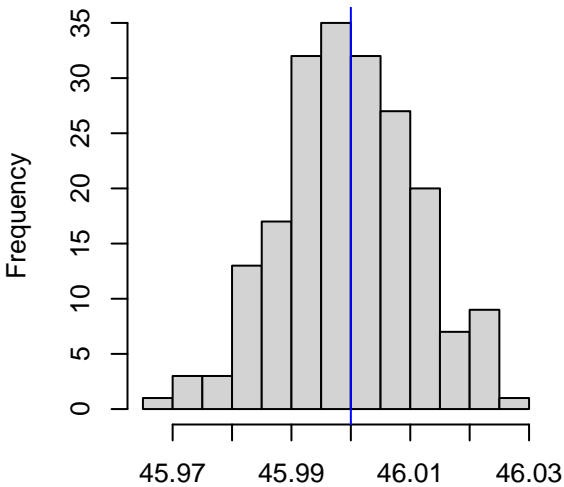
$Z \sim Y + X$



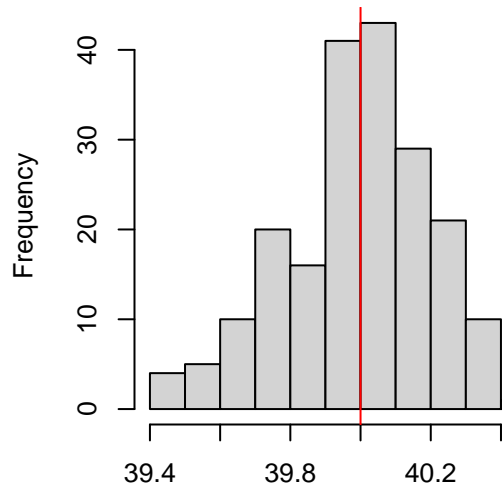
if UV radiation effect is stronger



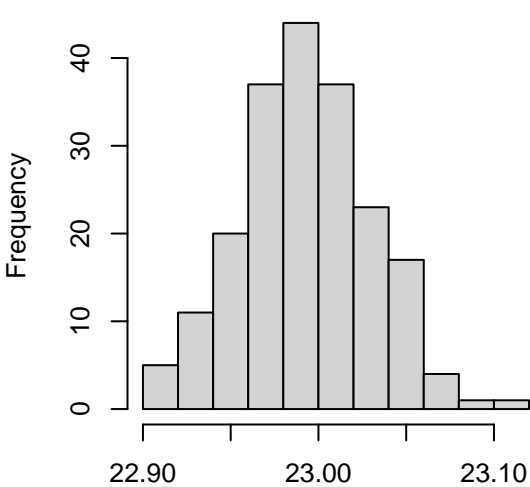
$Z \sim X$



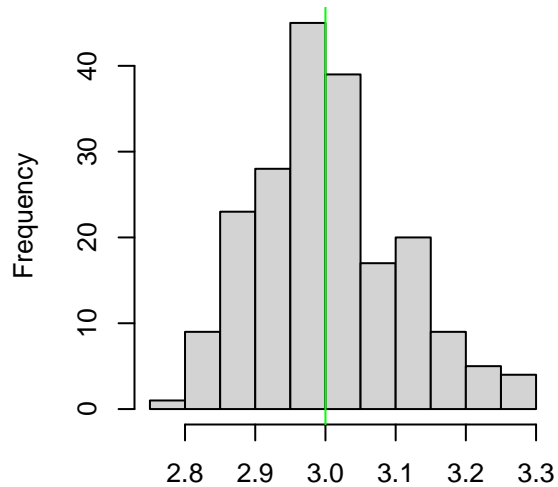
$Z \sim X + Y$



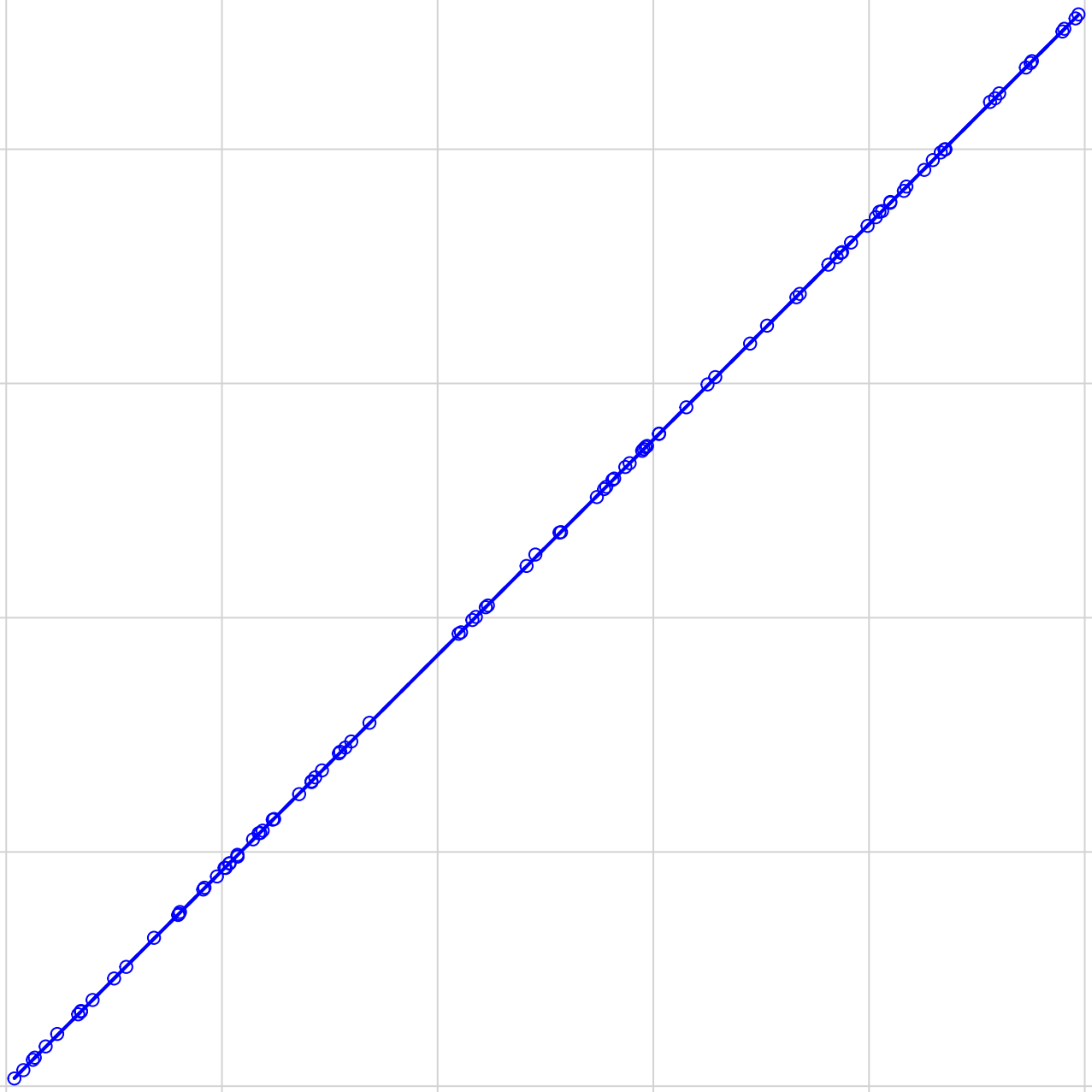
$Z \sim Y$



$Z \sim Y + X$



II MATP enhances hNK4a

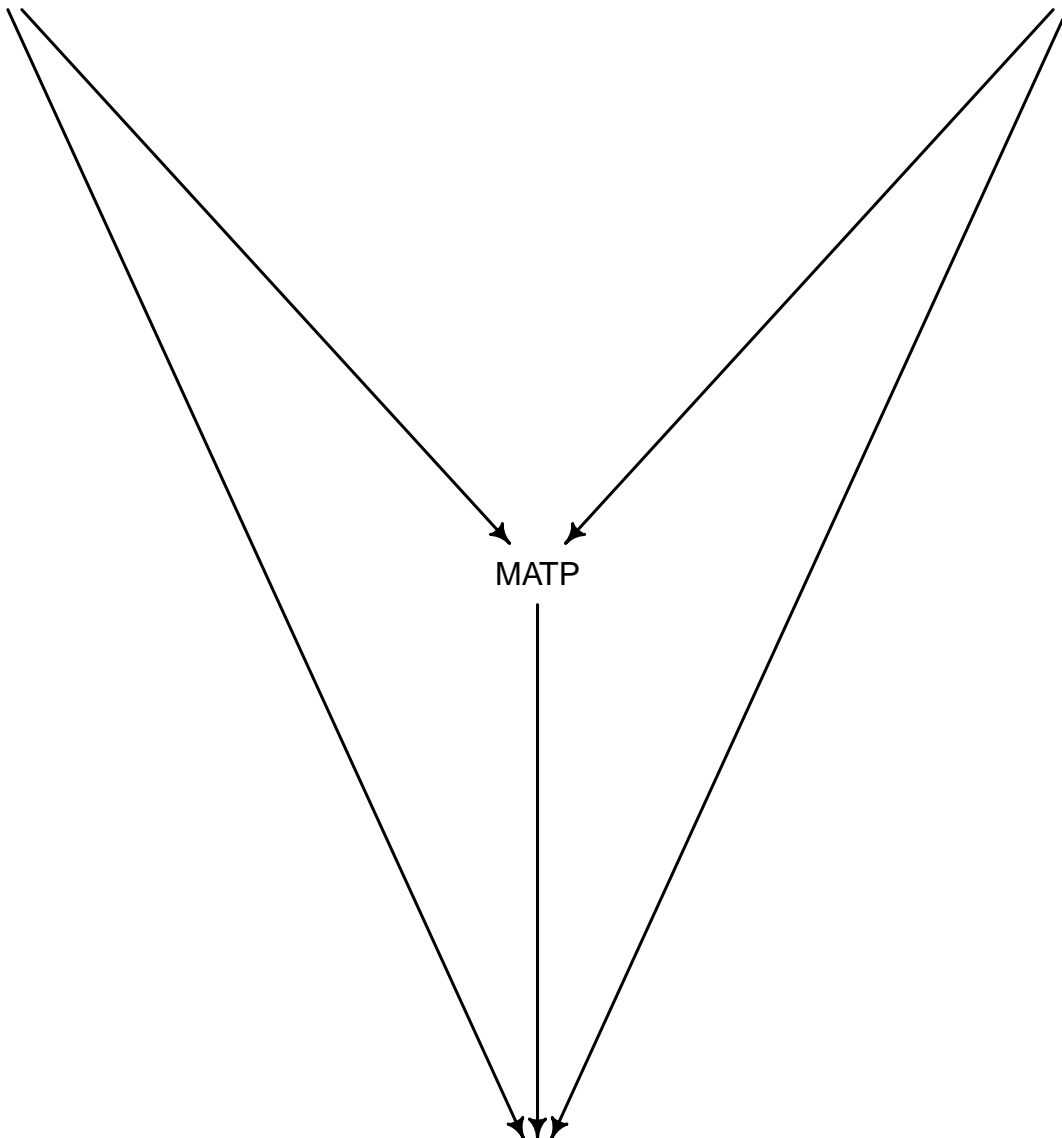


UV.radiation

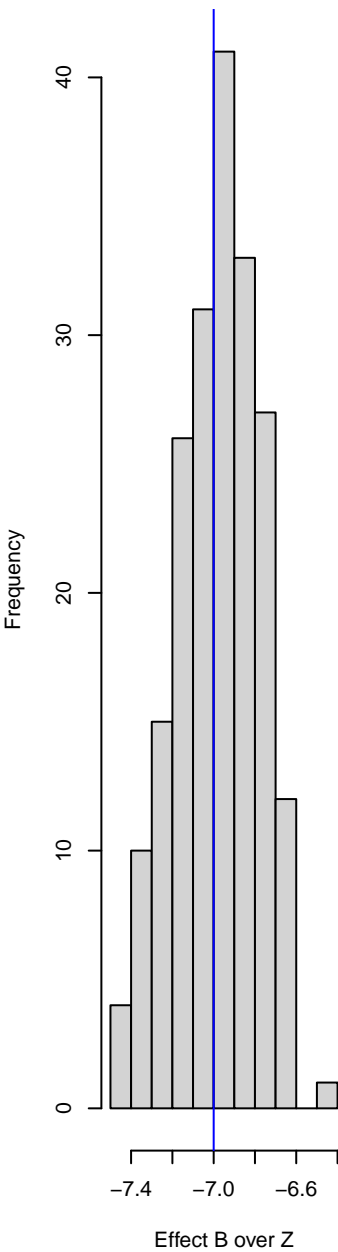
Cortisol

MATP

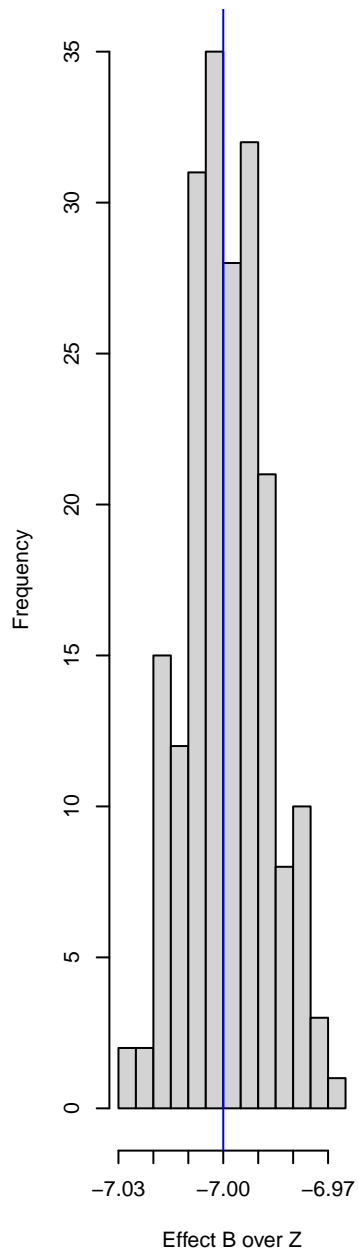
INK4a



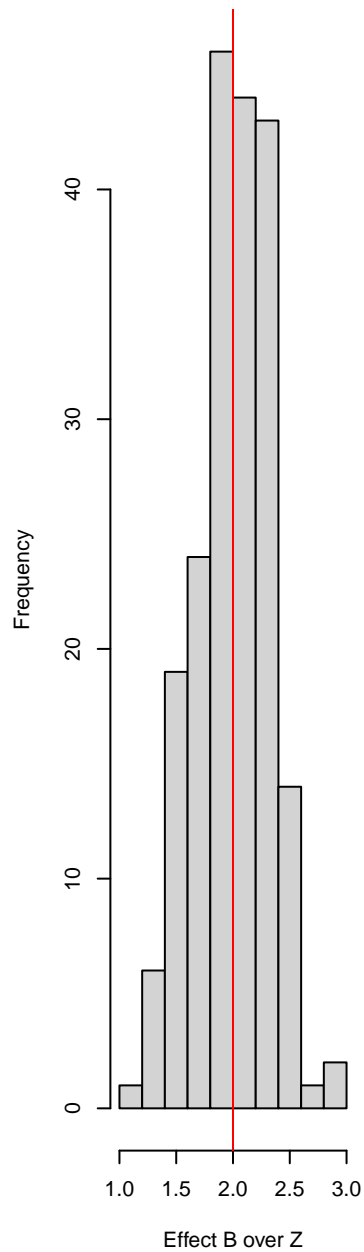
Z ~ B



Z ~ B + X



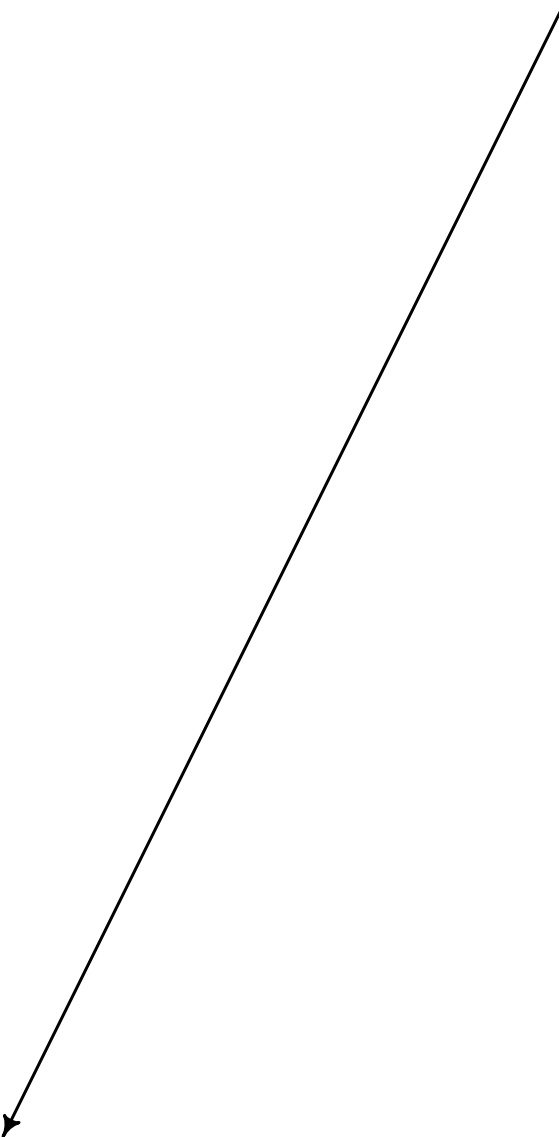
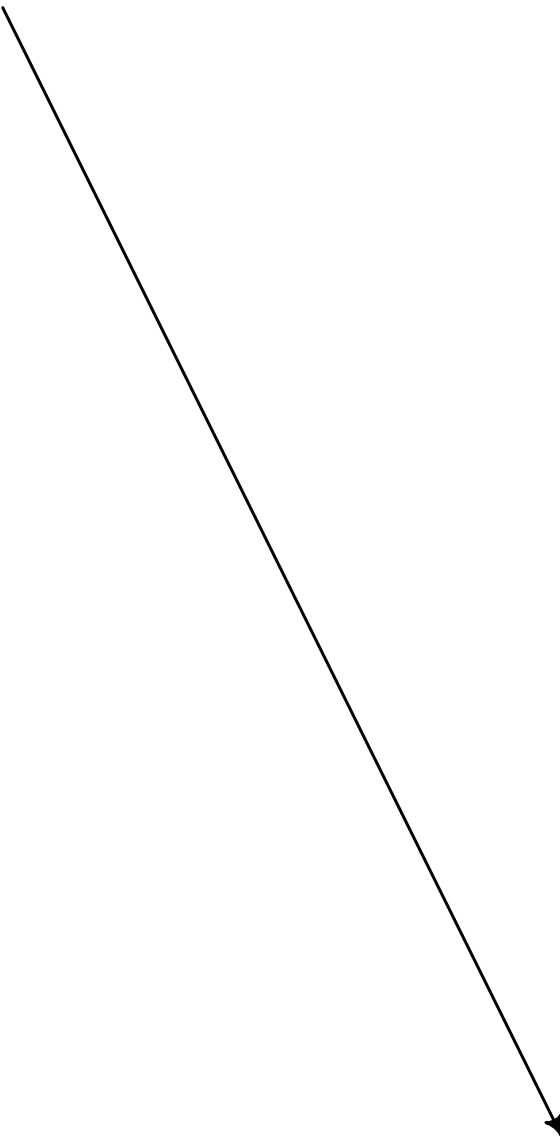
Z ~ B + X + Y

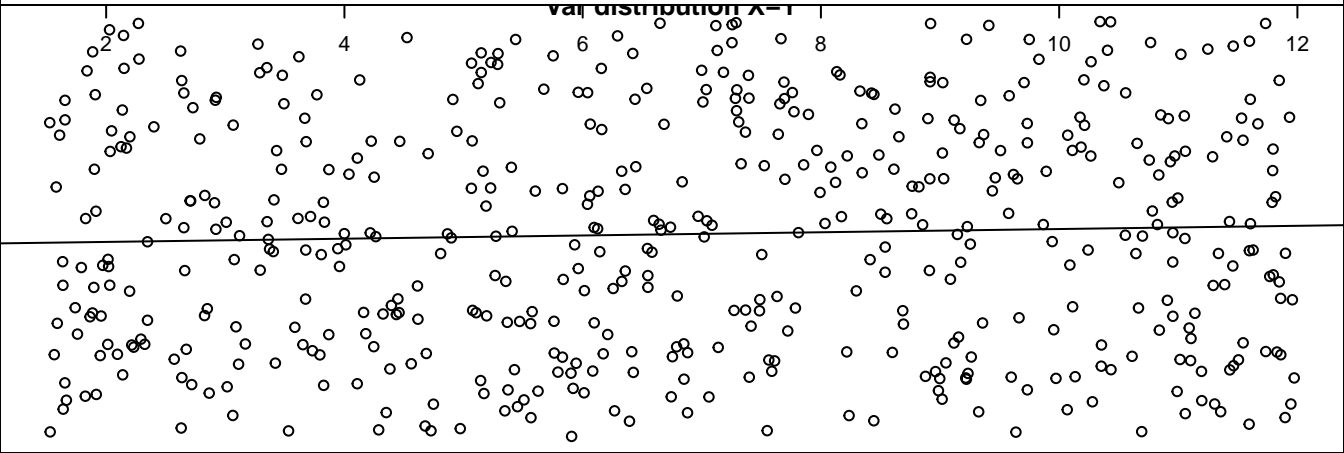
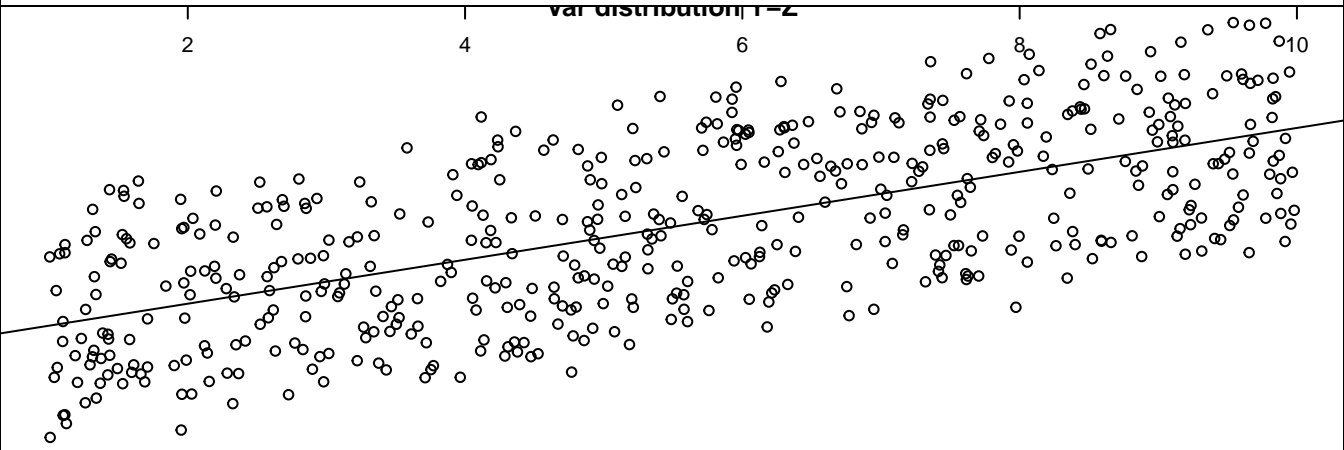
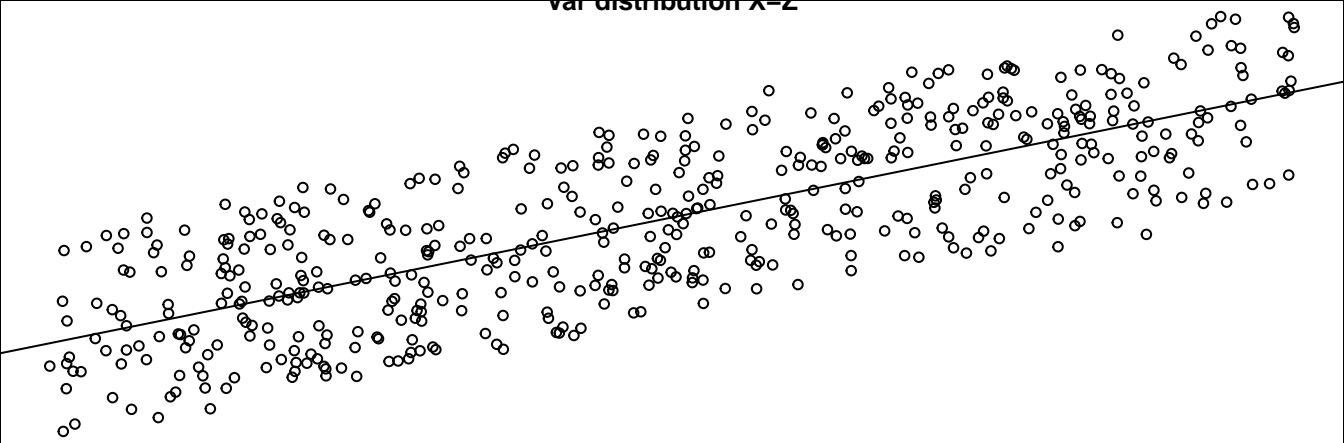


X

Y

Z

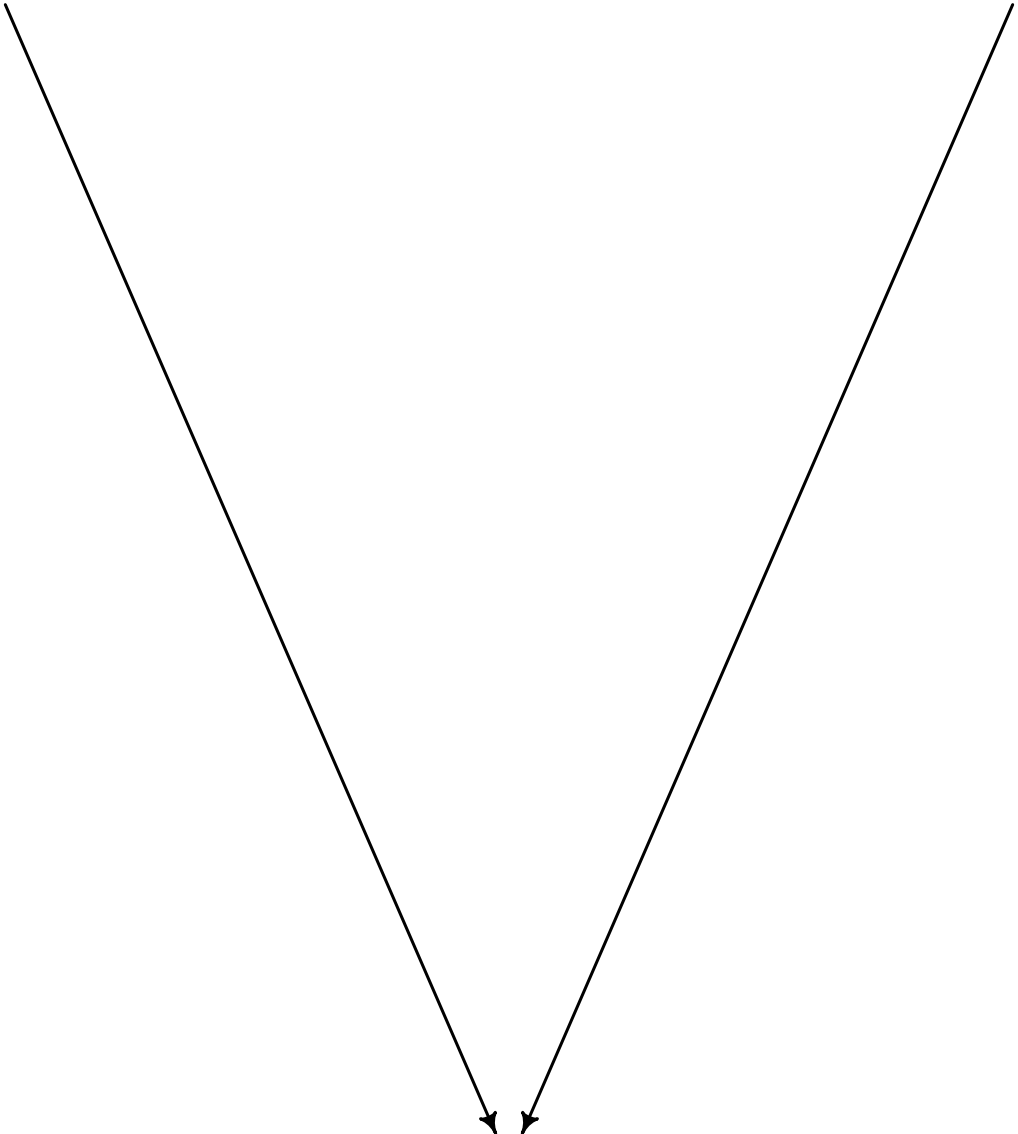




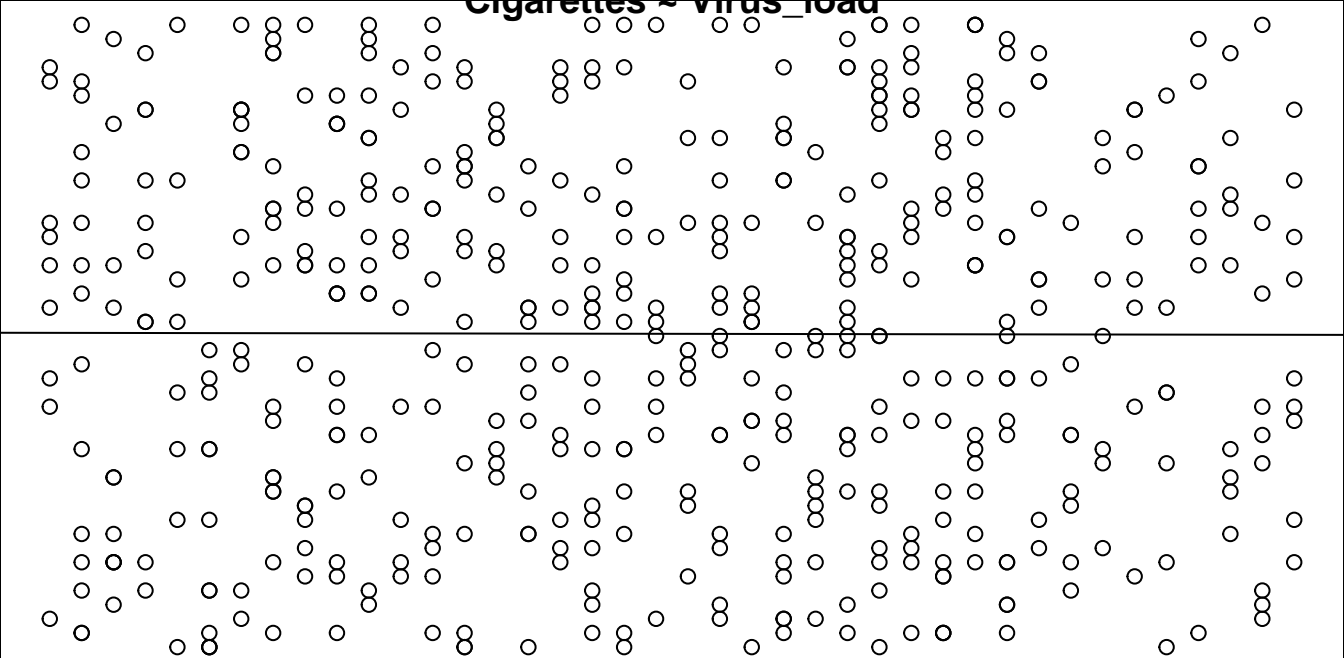
cigarettes_{day}

vir_{load}

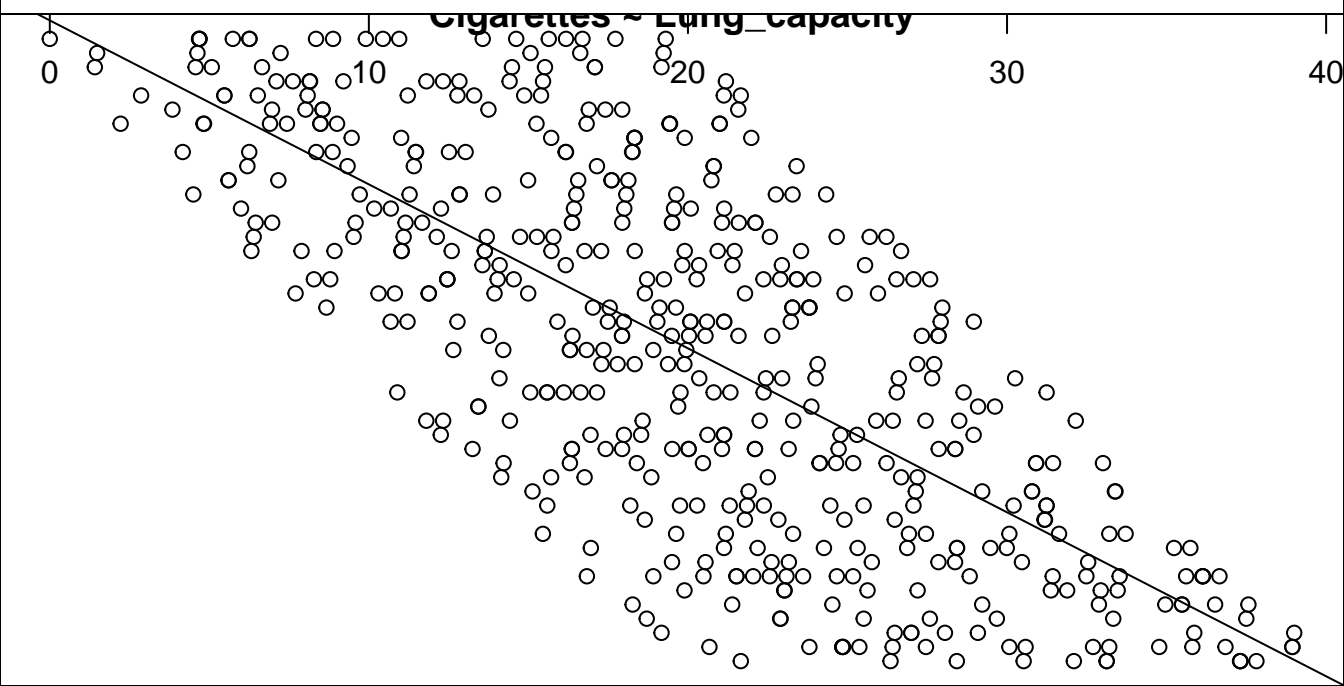
lung_{capacity}



Cigarettes ~ Virus_load



Cigarettes ~ Lung_Capacity



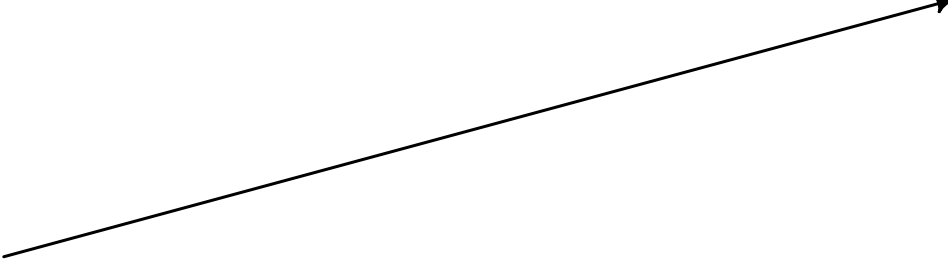
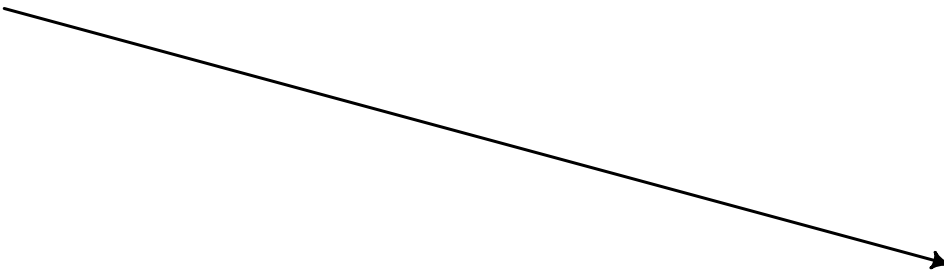
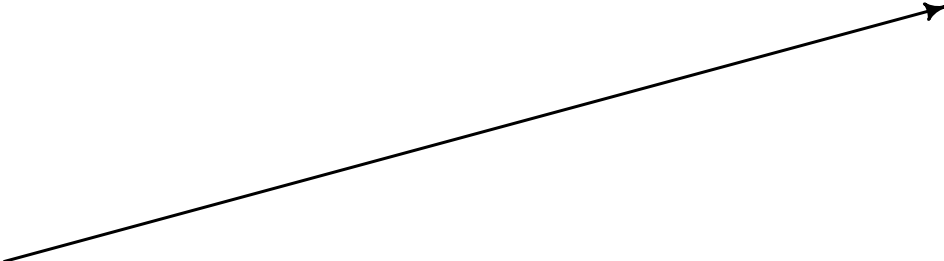
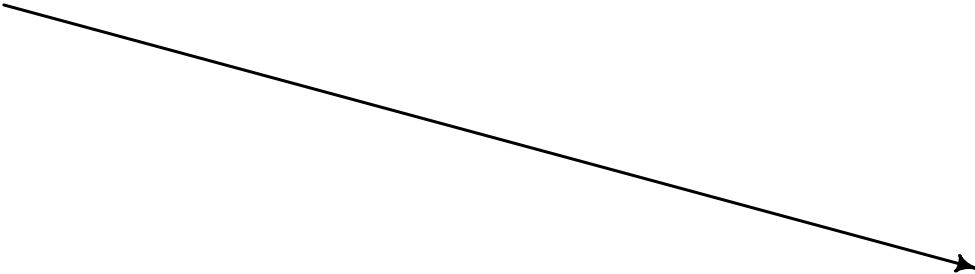
leg_{length}

speed

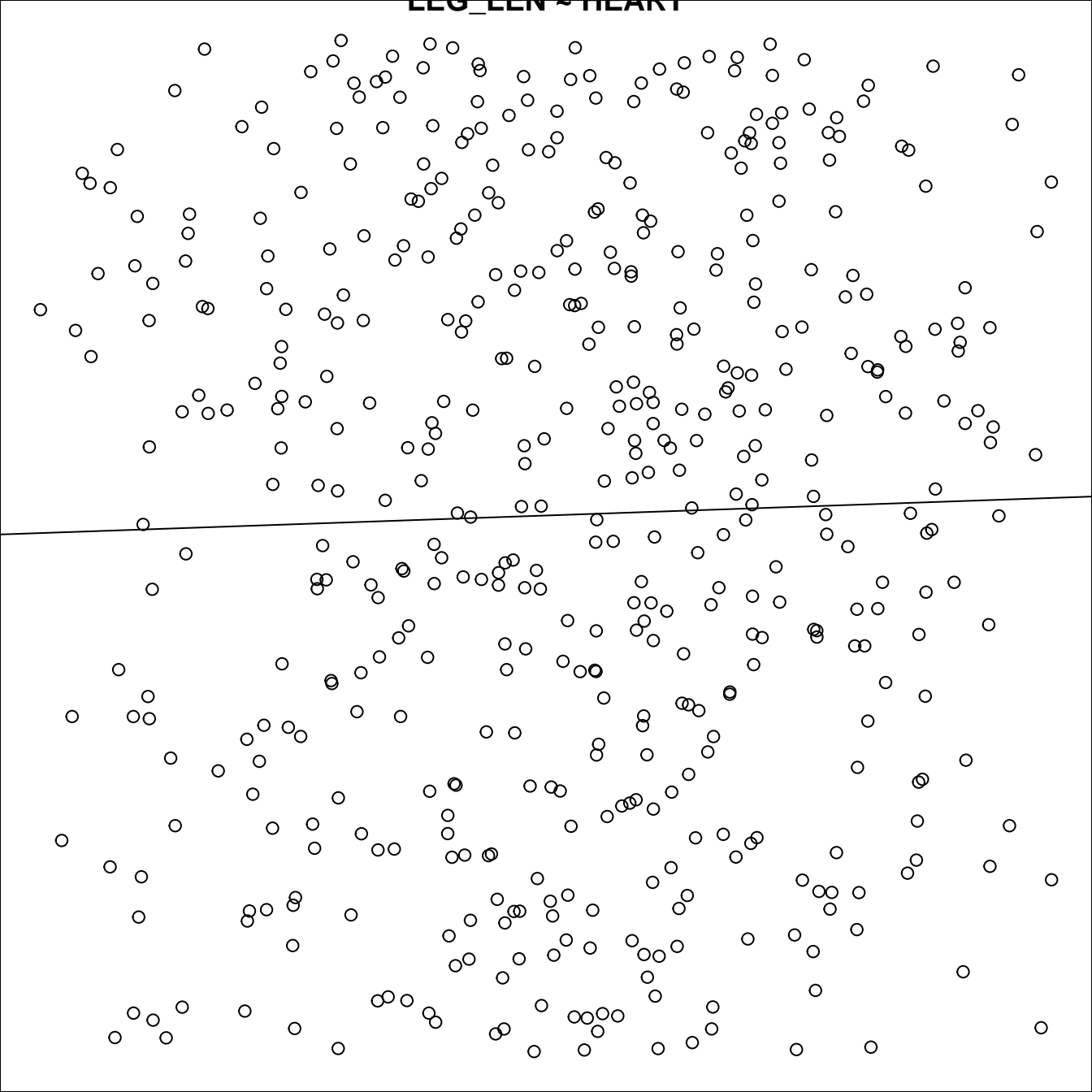
metabolism

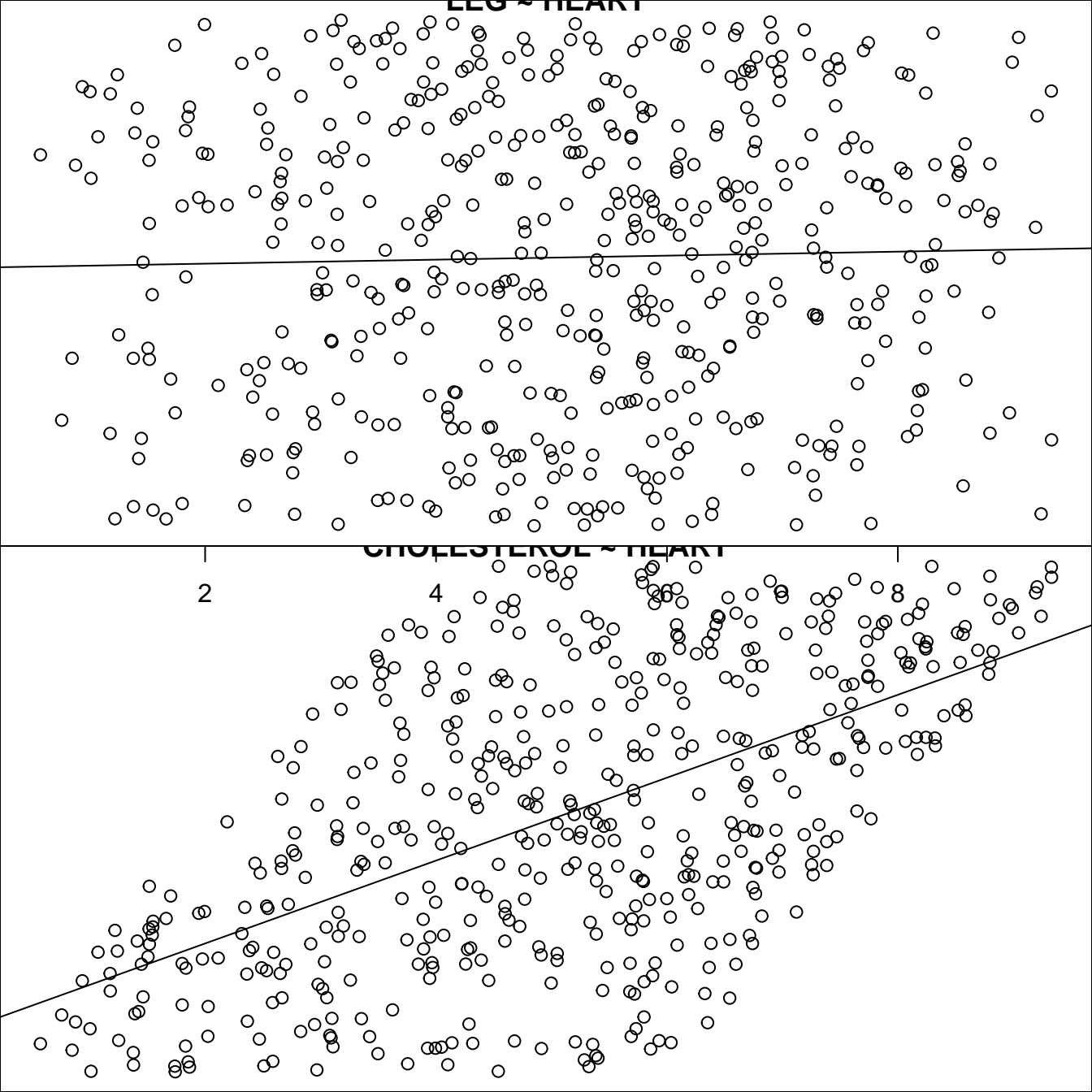
heart

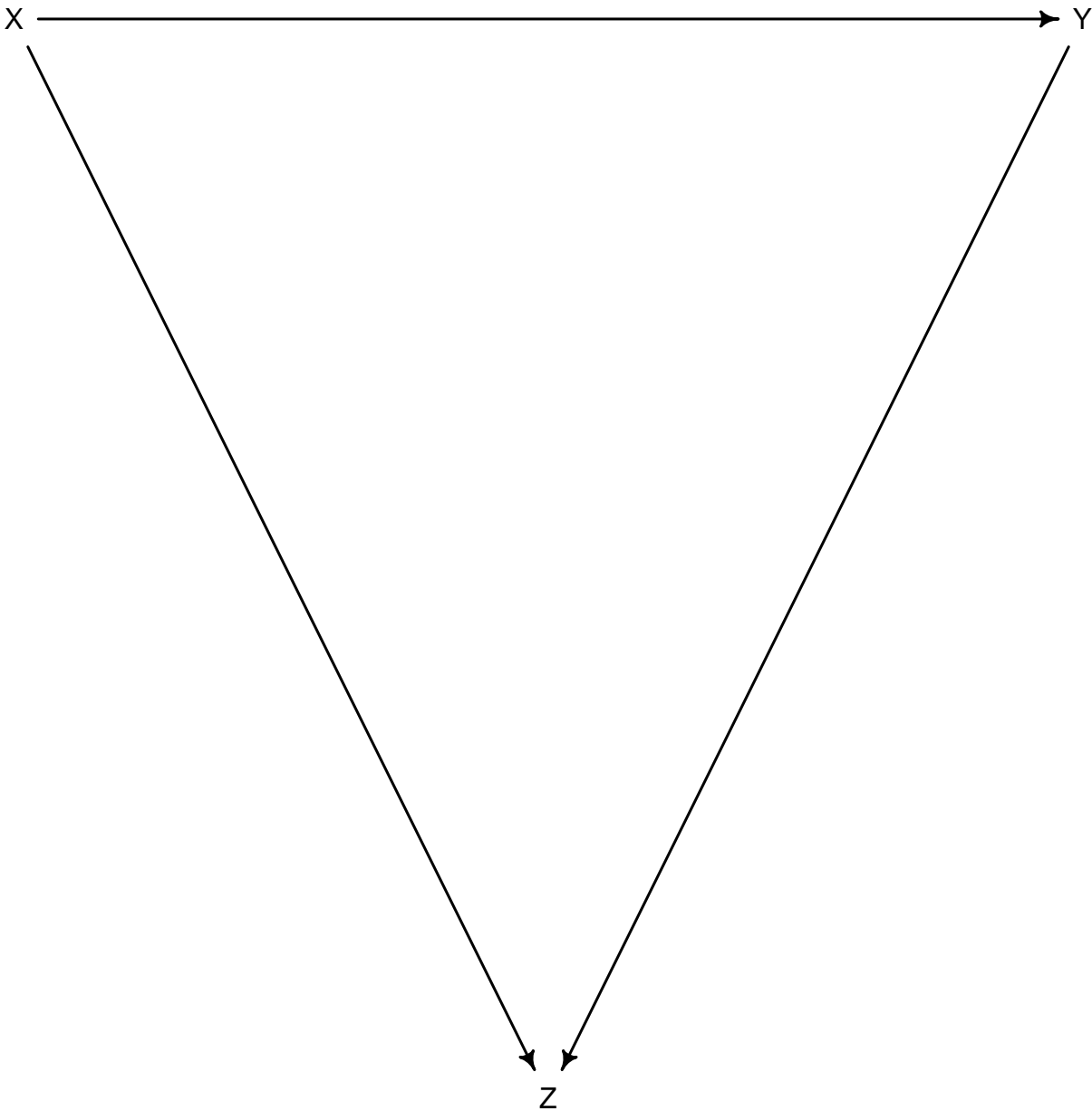
cholesterol

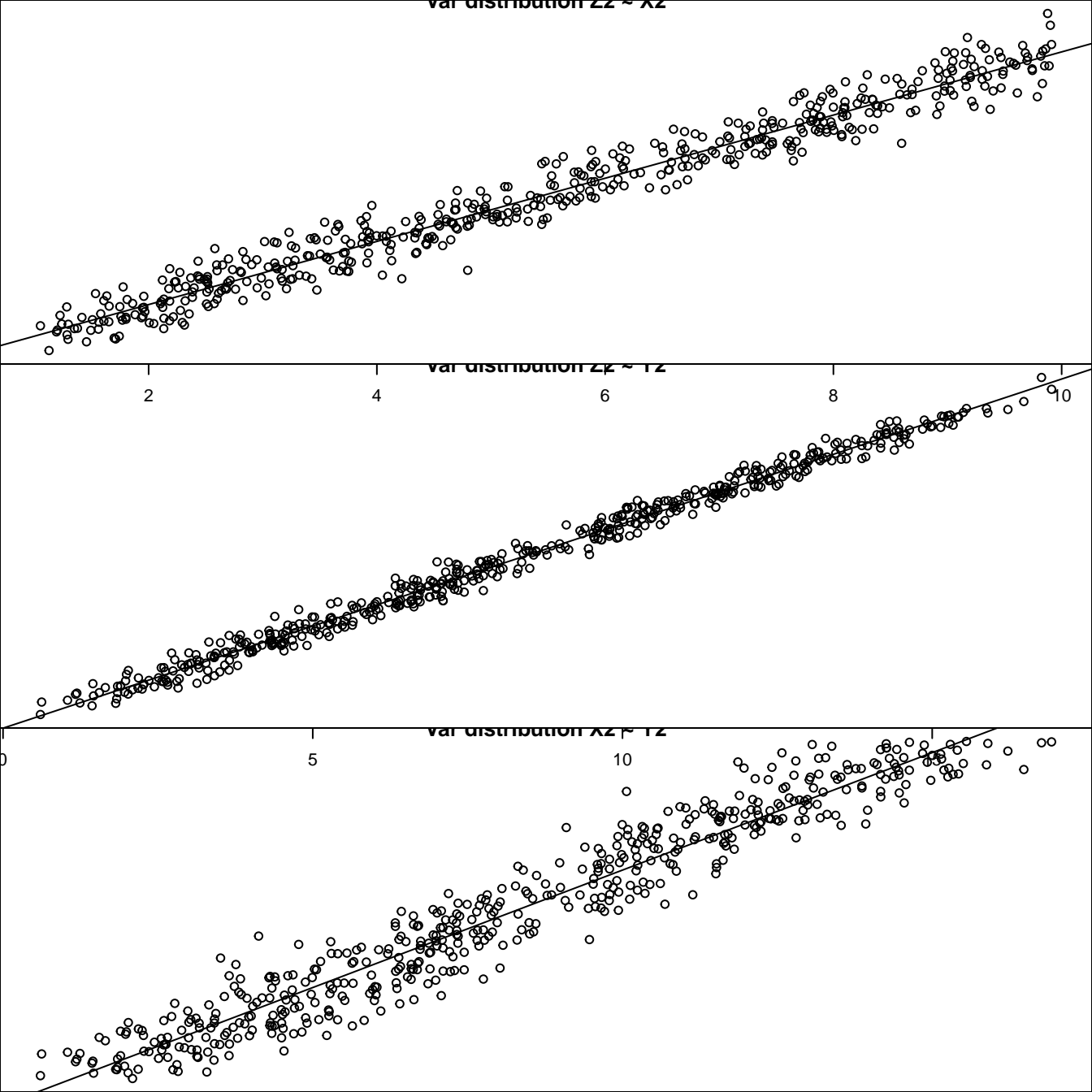


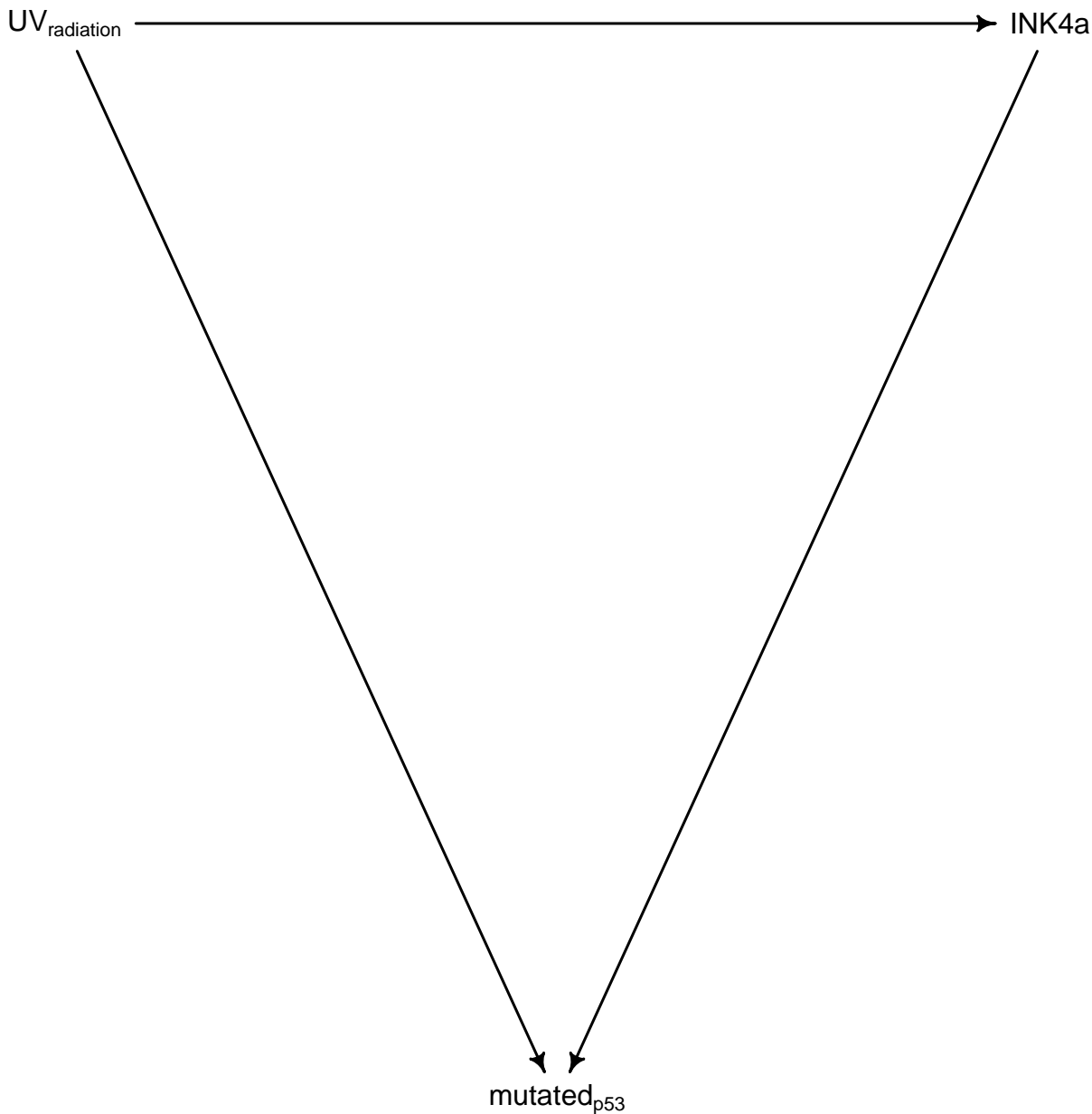
LEG_LEN ~ HEART



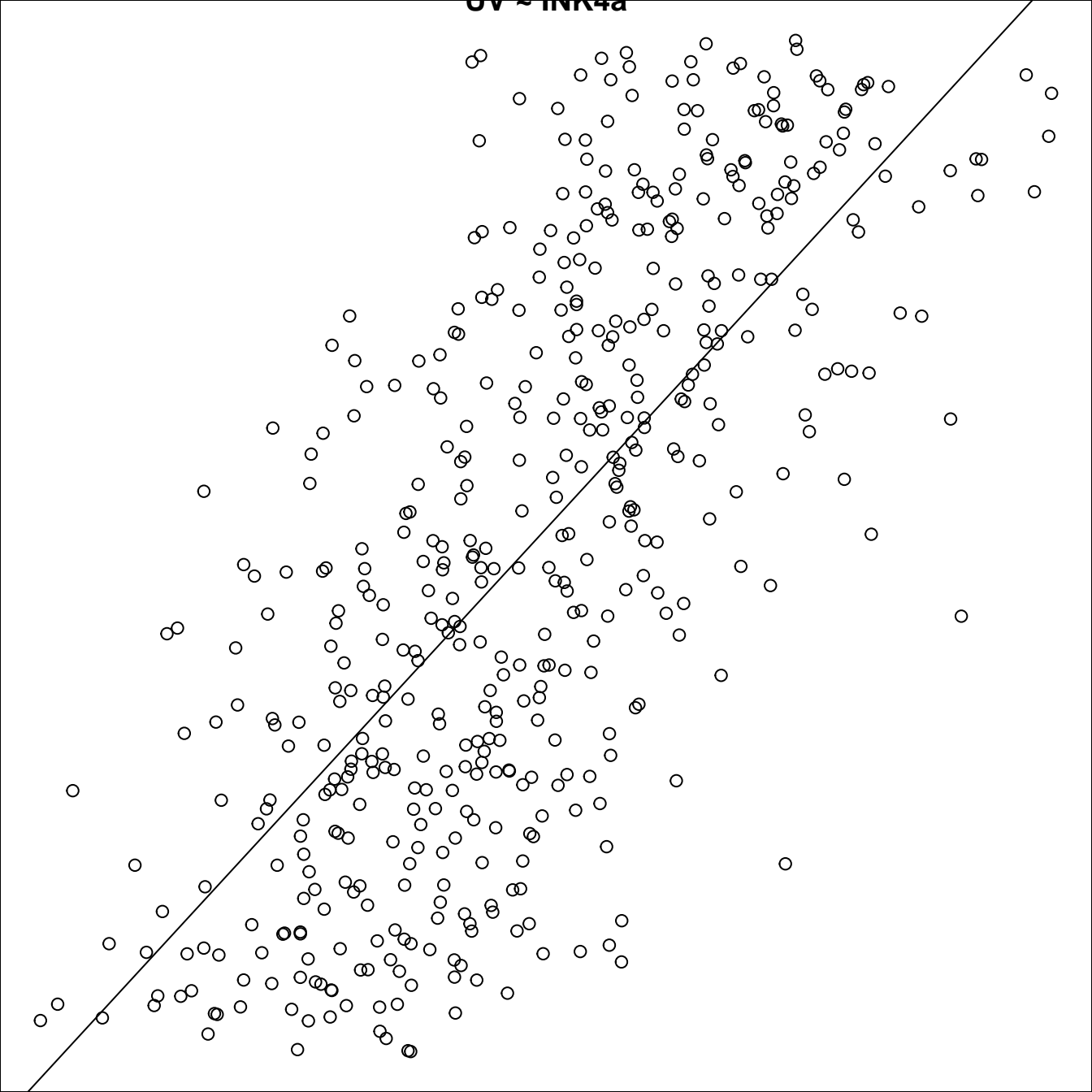


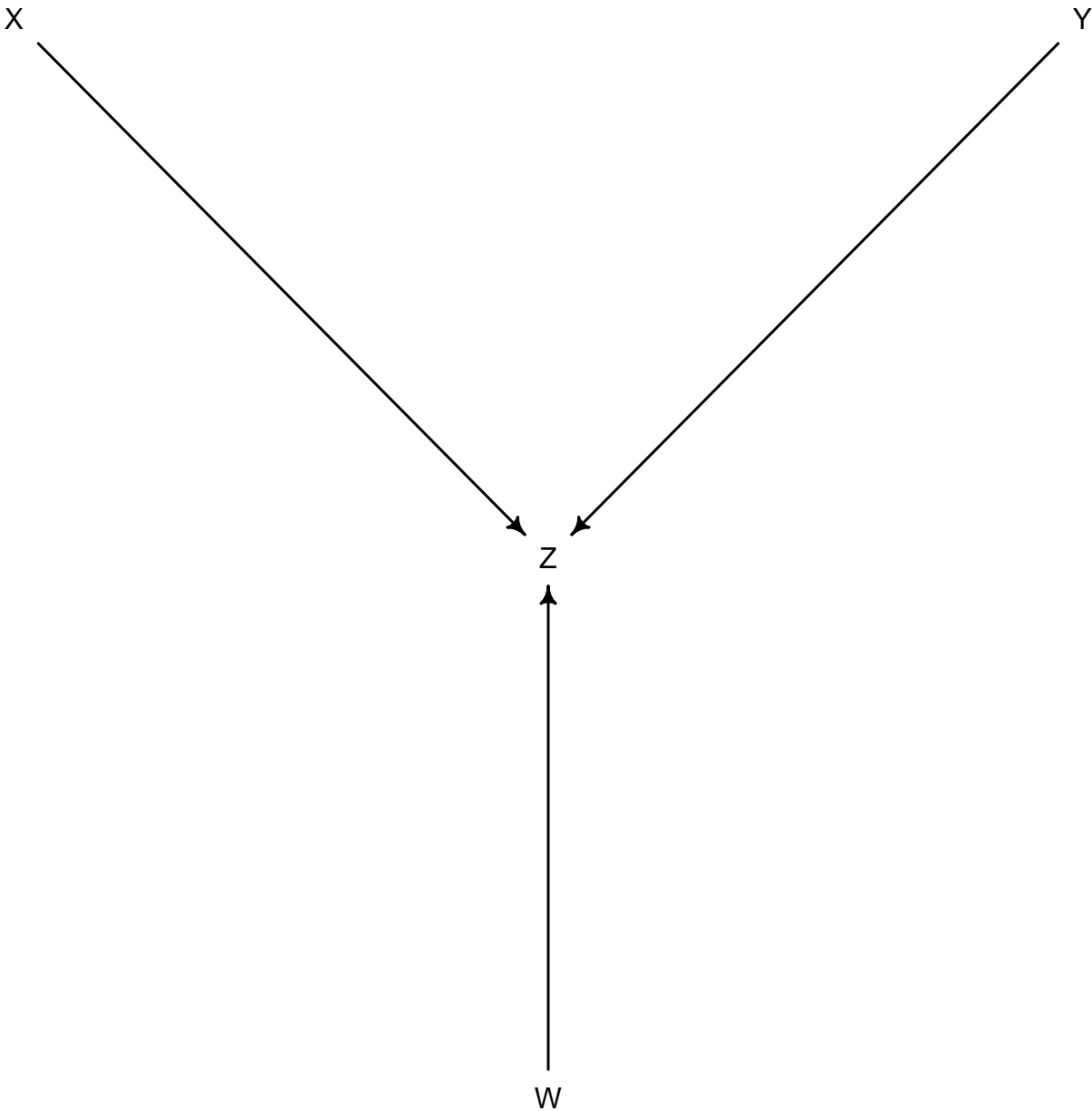






UV ~ INK4a



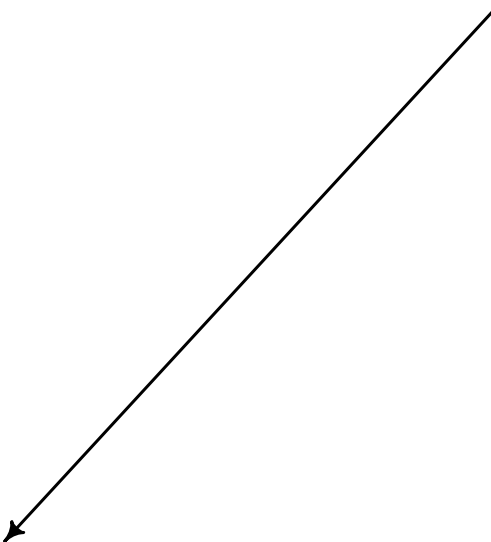
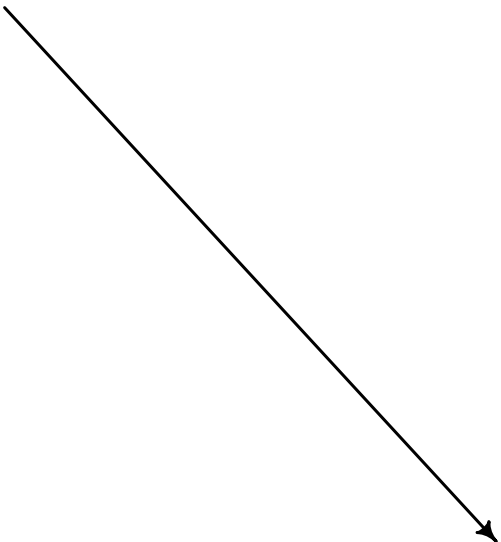


cortisol

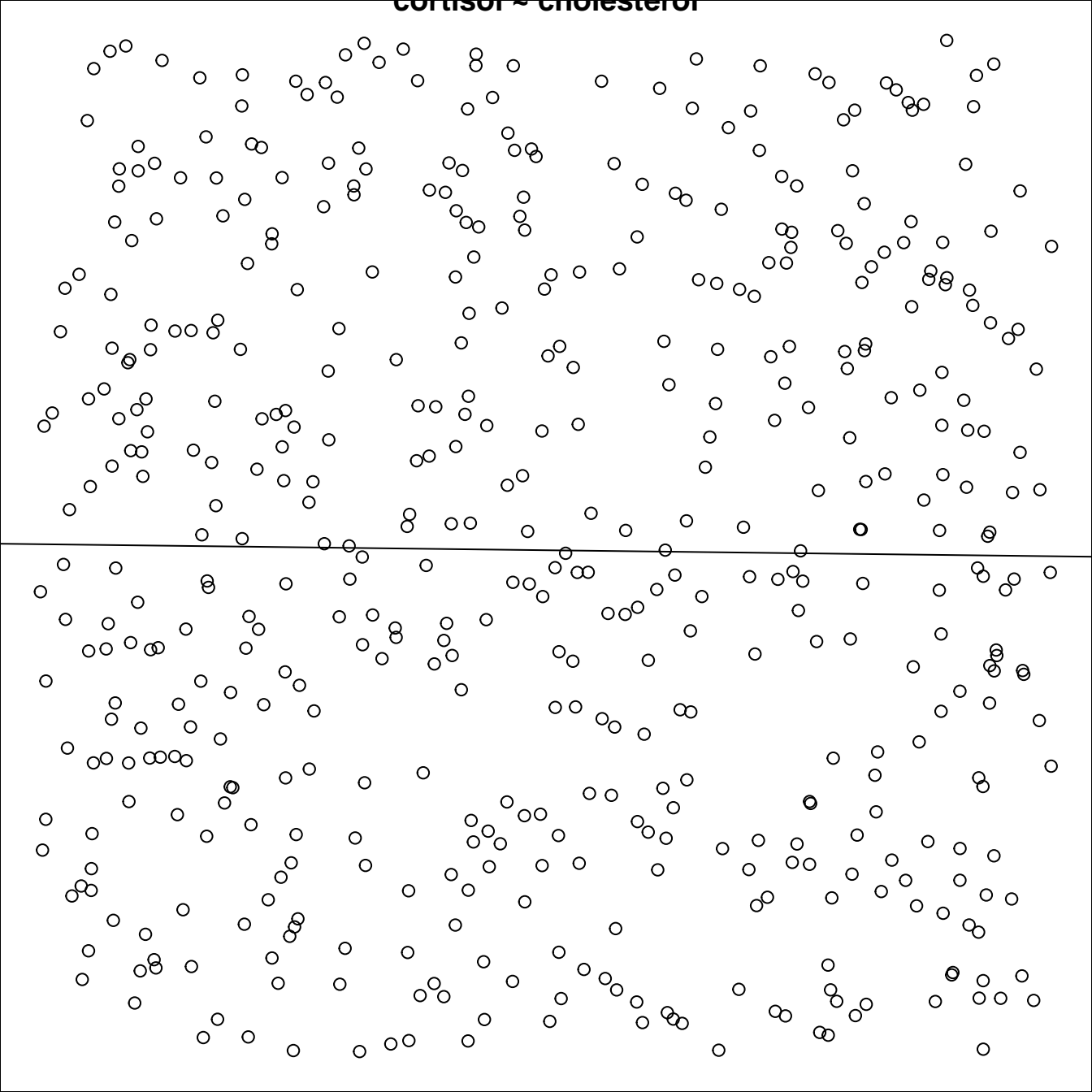
cholesterol

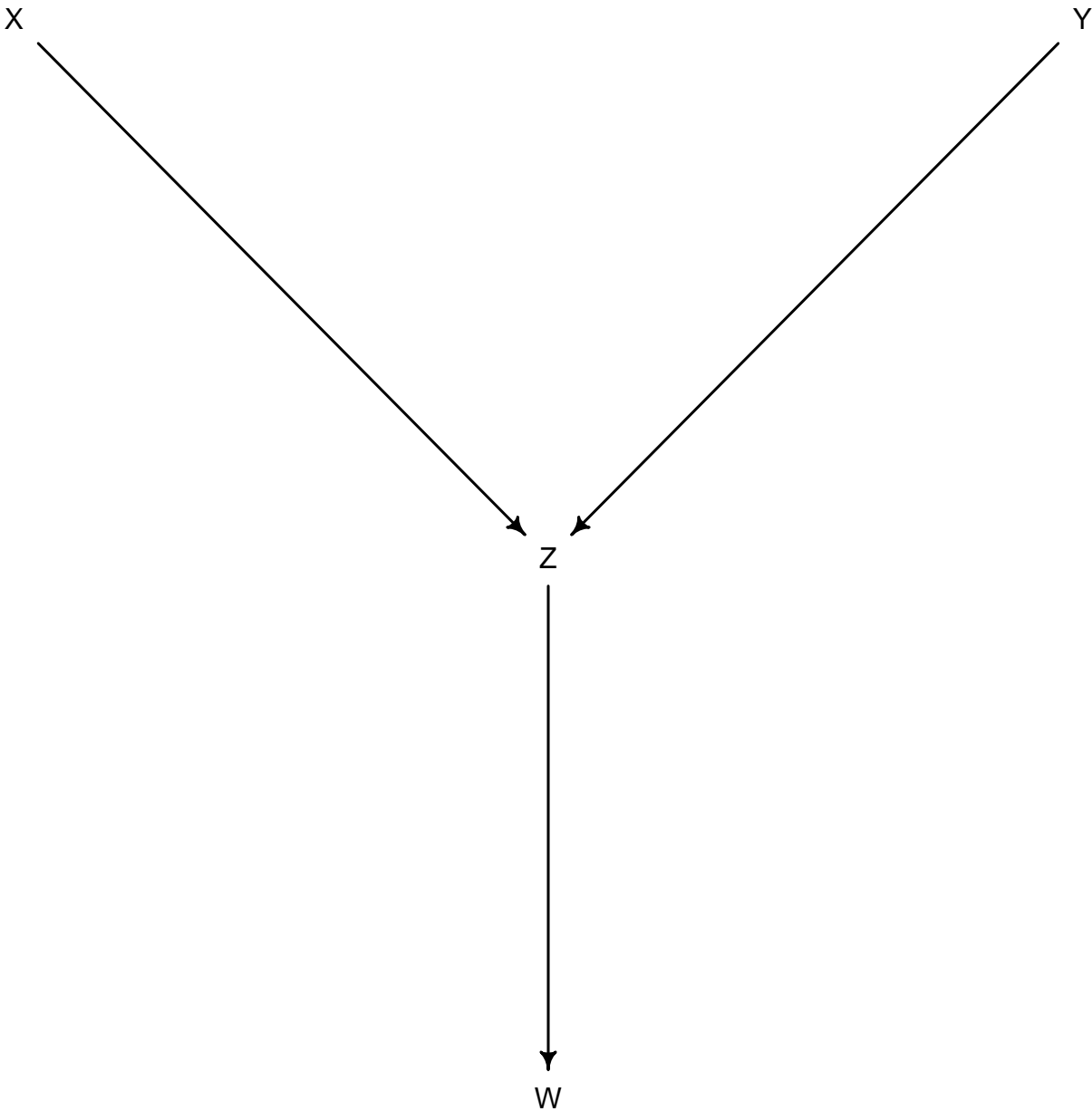
diabetes

sugar_{consumpt}



cortisol ~ cholesterol



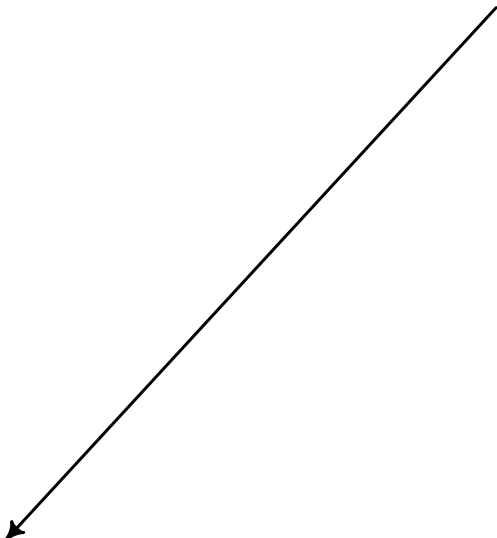
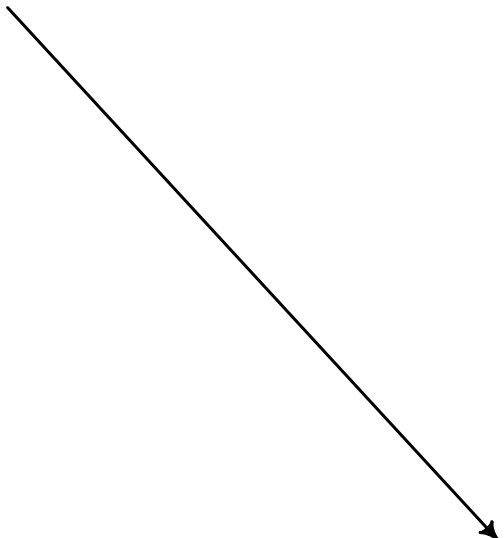


cortisol

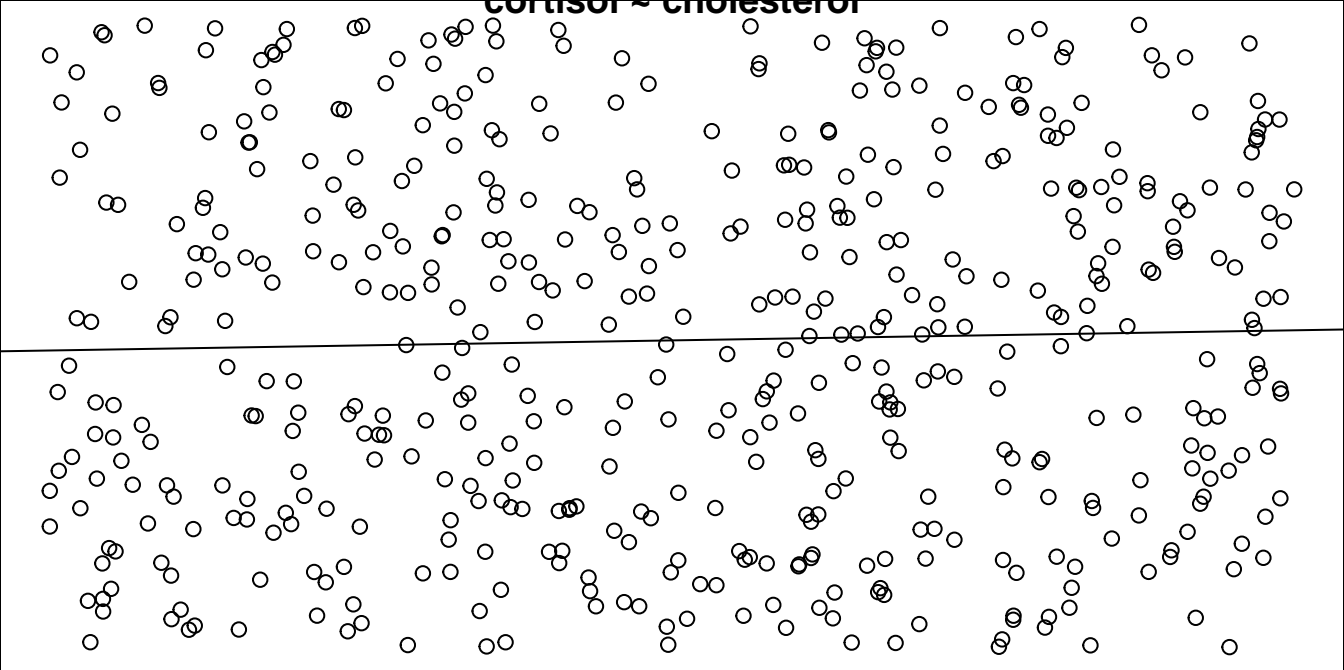
cholesterol

diabetes

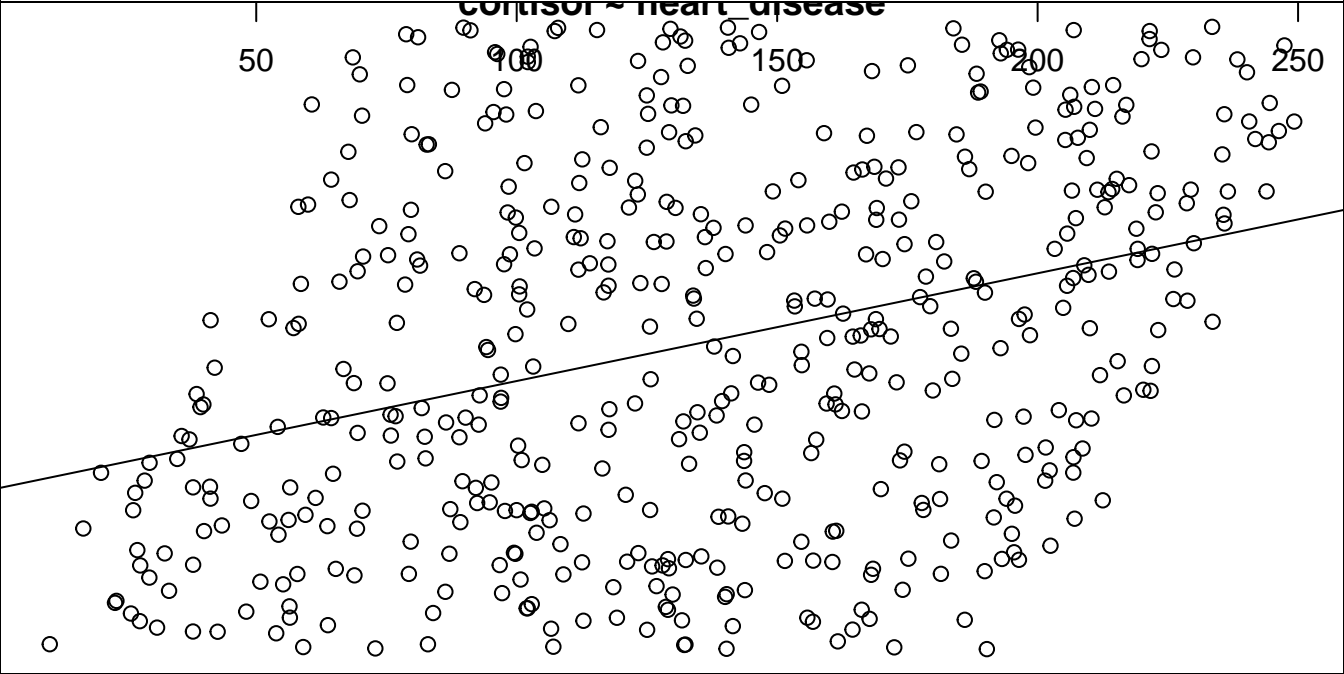
heart
disease



cortisol ~ cholesterol



cortisol ~ heart_disease



diabetes

cholangitis

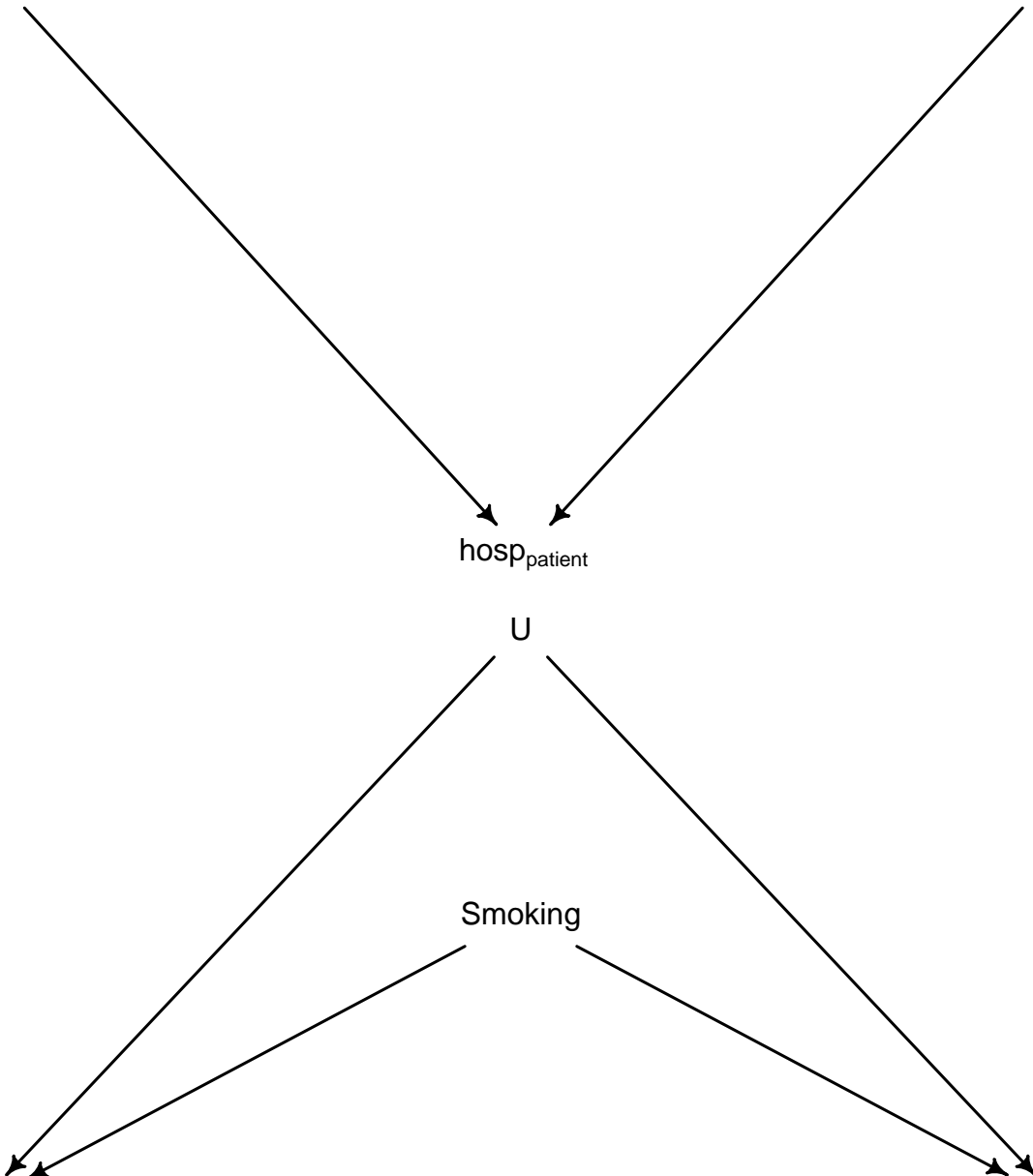
hosp_{patient}

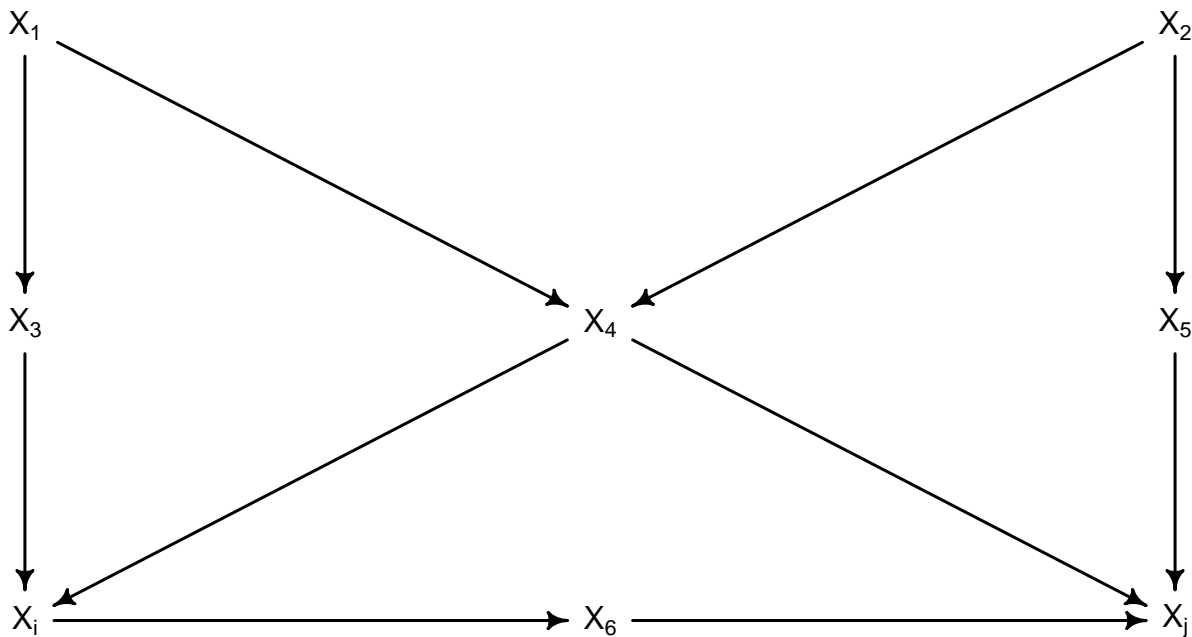
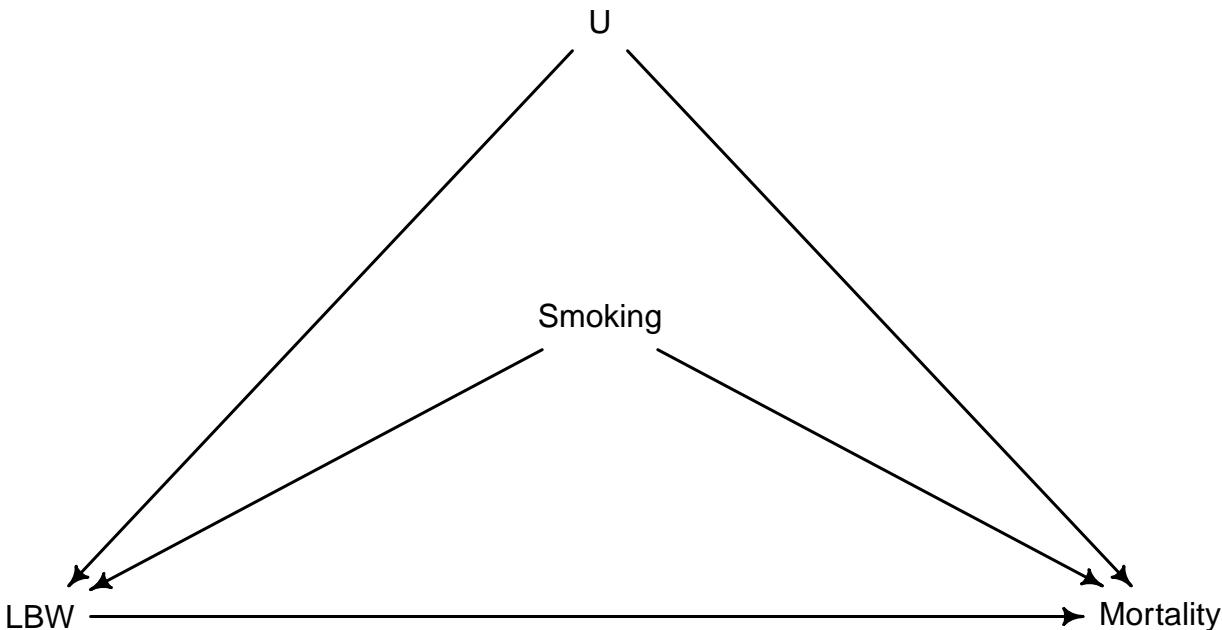
U

Smoking

LBW

Mortality



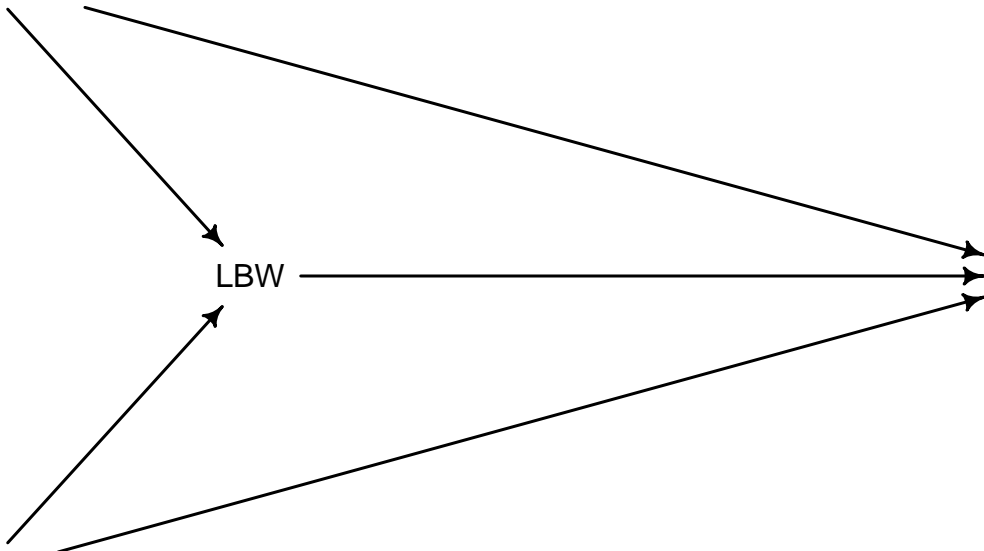


Birth.defects

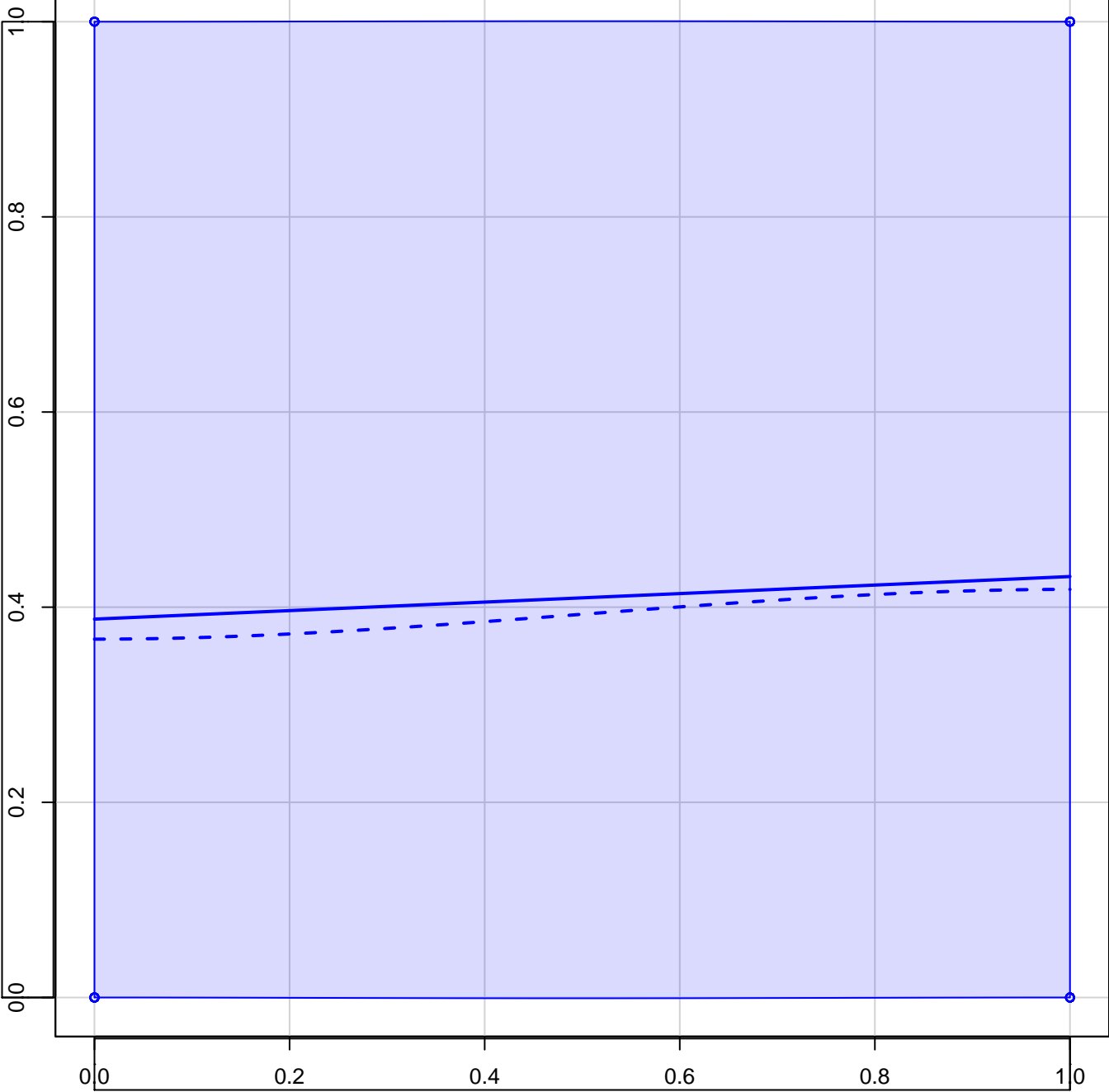
LBW

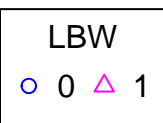
Mortality

Smoking

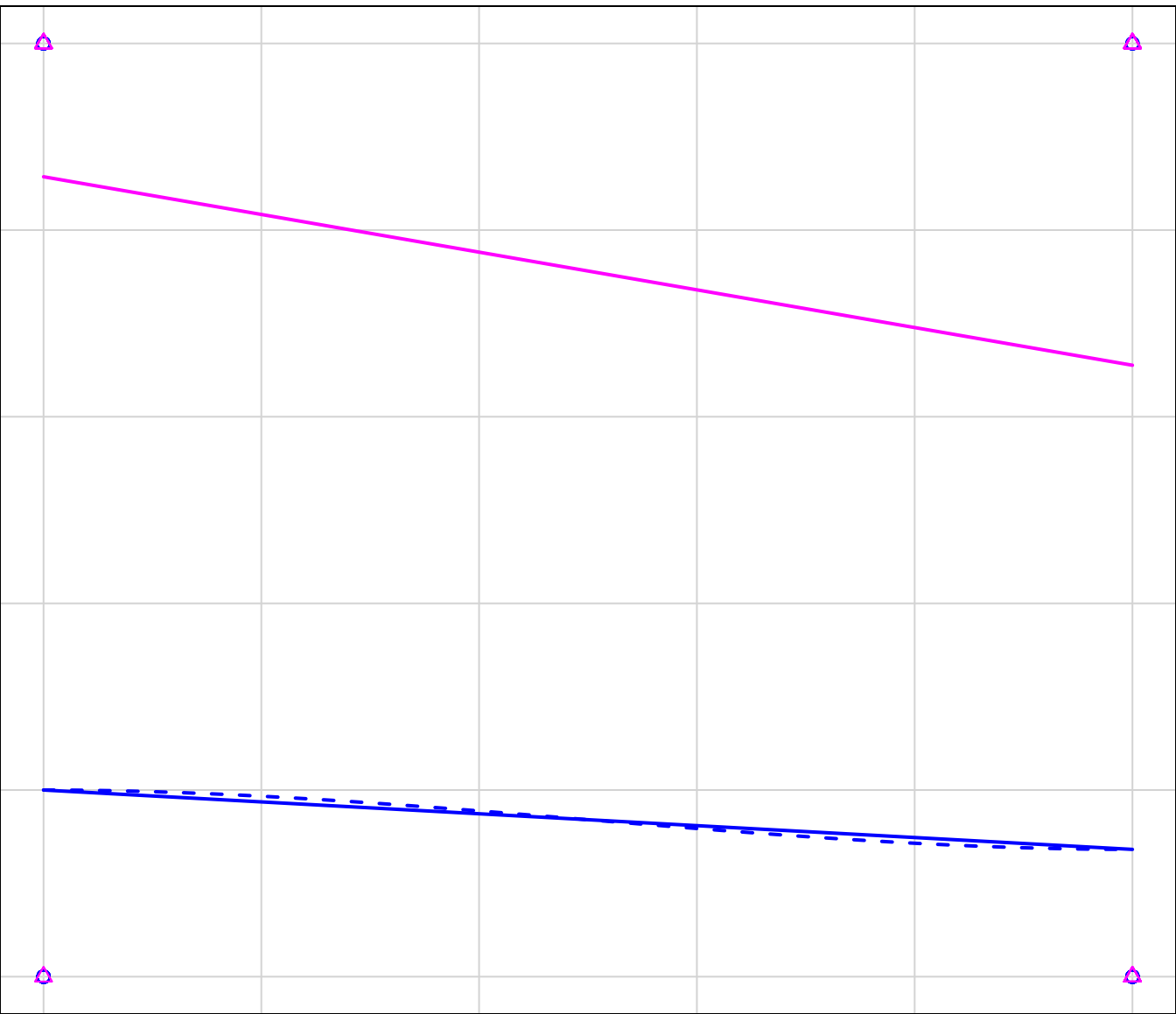


Mortality & Smoking

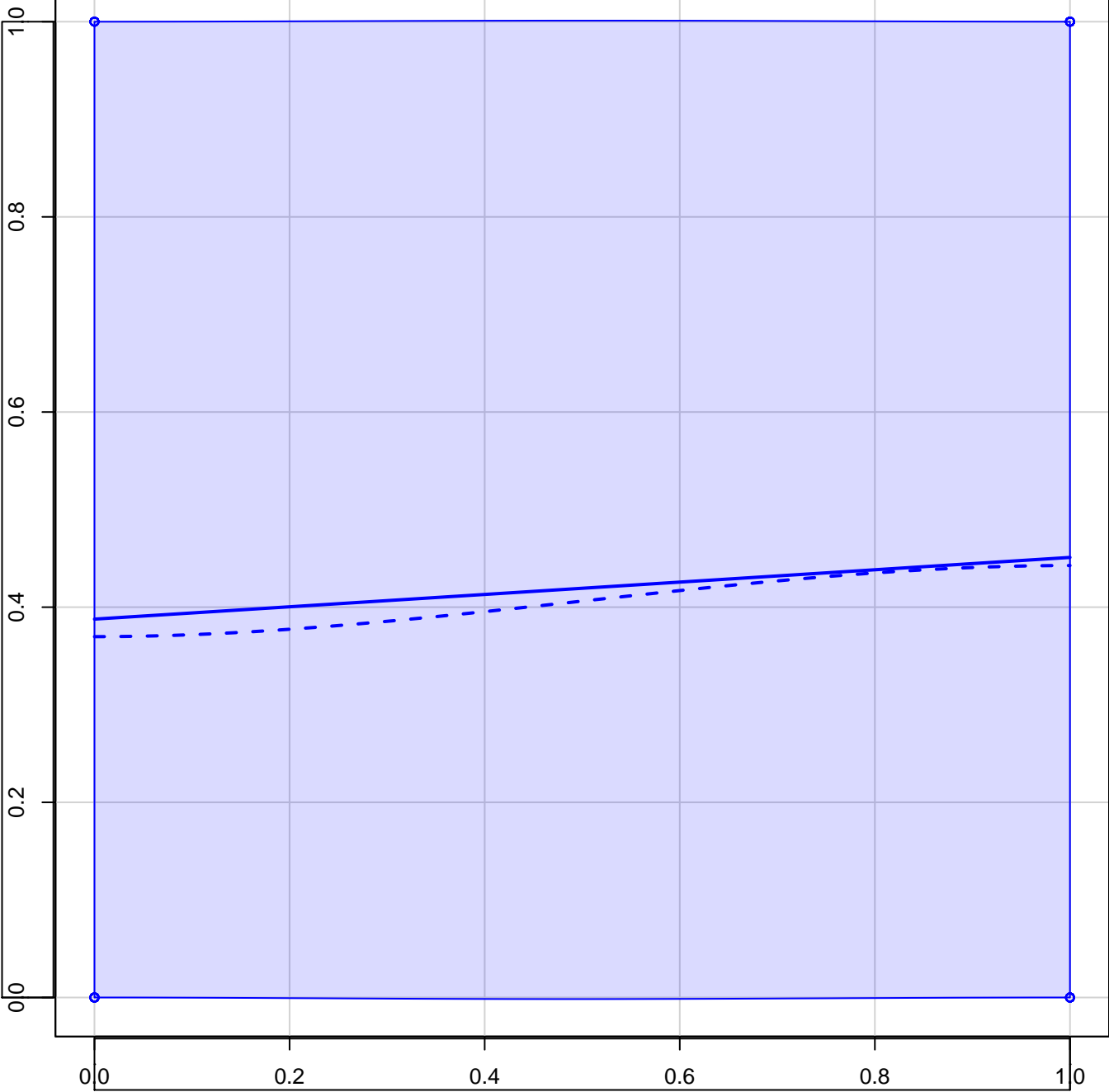


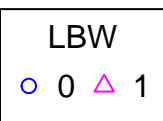


Mortality ~ Smoking + LBW

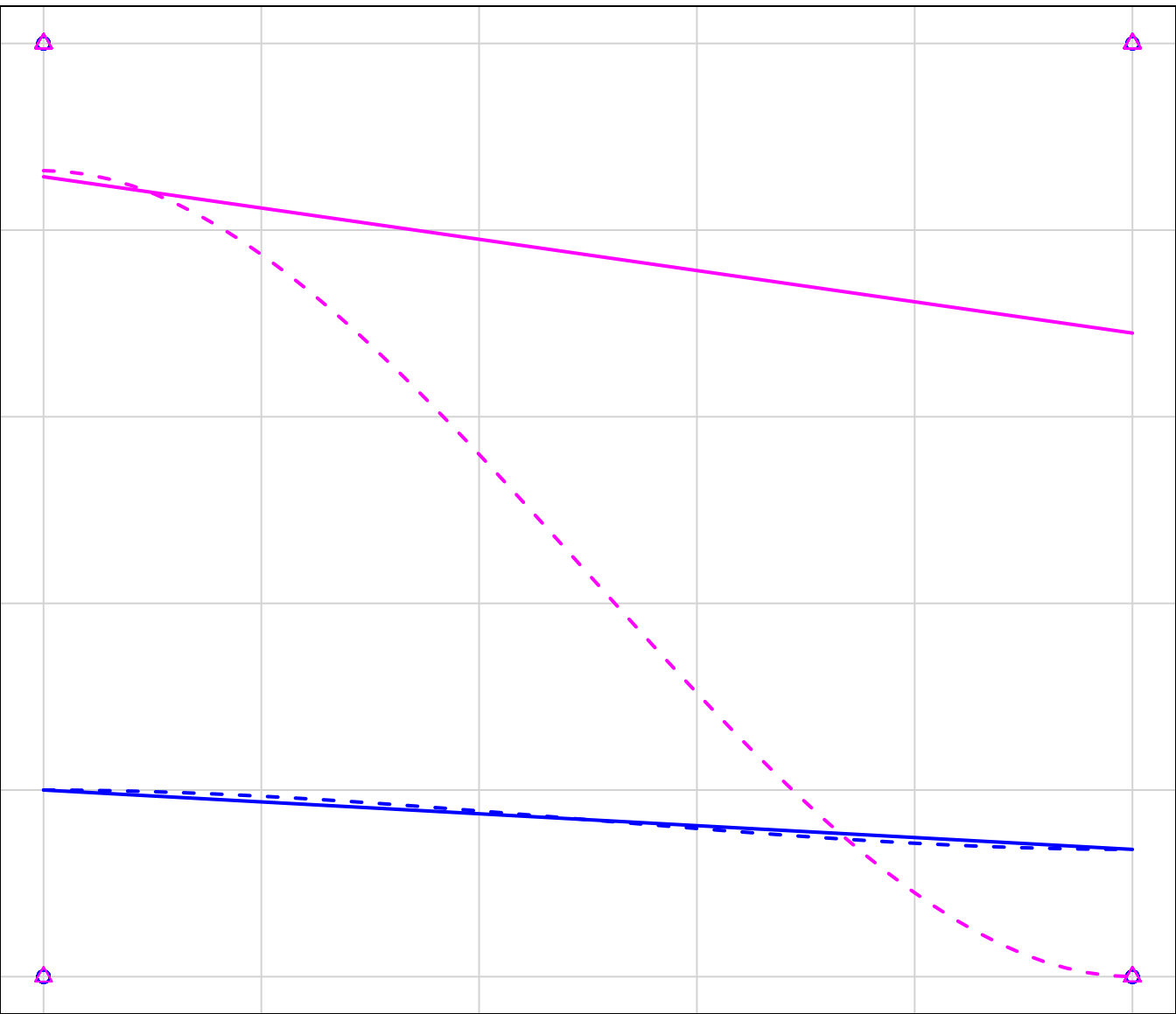


Mortality & Smoking

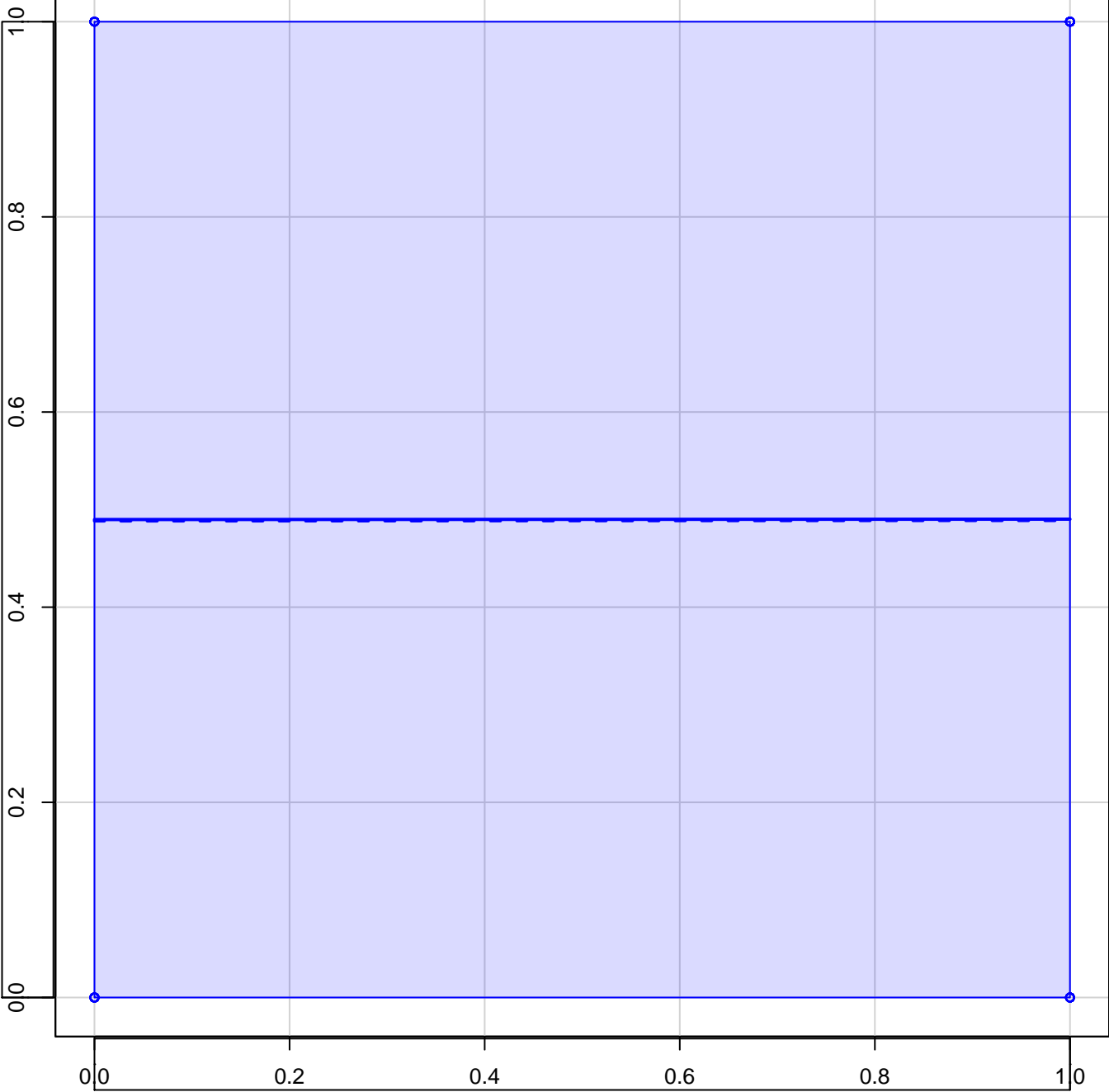


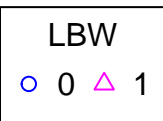


Mortality ~ Smoking + LBW



Mortality ~ Smoking





Mortality ~ Smoking + LBW

