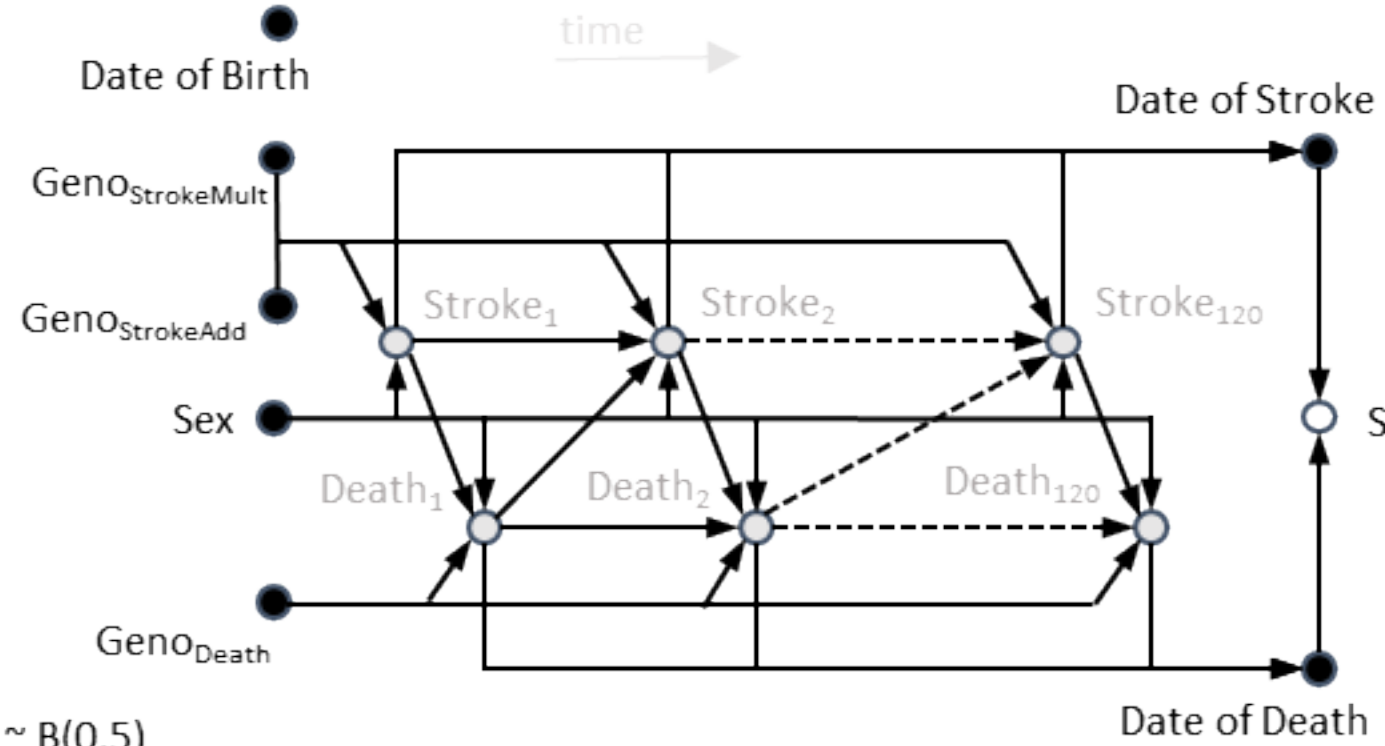

Selection

Cases:	Date of Death > 1JAN2020 Date of Stroke < 1JAN2020
Controls:	Date of Stroke > 1JAN2020 or null

Sex ~ B(0.5)

$Geno_{Stroke}$ ~ B(maf) | B(maf)

$Geno_{Death}$ ~ B(maf) | B(maf)

$Stroke_i$: if $stroke_{age-1} = 0$ and $death_{age-1} = 0$ then ~ $B(p_{stroke} \mid sex, age, geno_{stroke})$

$Death_i$: if $Death_{age-1} = 0$ then ~ $B(p_{death} \mid sex, age, stroke_{age}, geno_{death})$

Date of Birth ~ U(1JAN1900, 1JAN2020)

Date of Stroke ~ U(Date of Birth + $age_{stroke=1}$, Date of Birth + $age_{stroke=1}$ + 365.25)

Date of Death ~ U(Date of Birth + $age_{death=1}$, Date of Birth + $age_{death=1}$ + 365.25)

Constraints

If Date of Stroke not null then Date of Stroke < Date of Death