



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] | sex,age,geno[stroke])
 Death[i]: if stroke[age-1] = 0 then ~B(p[death] | sex,age,stroke[age],geno[stroke])

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