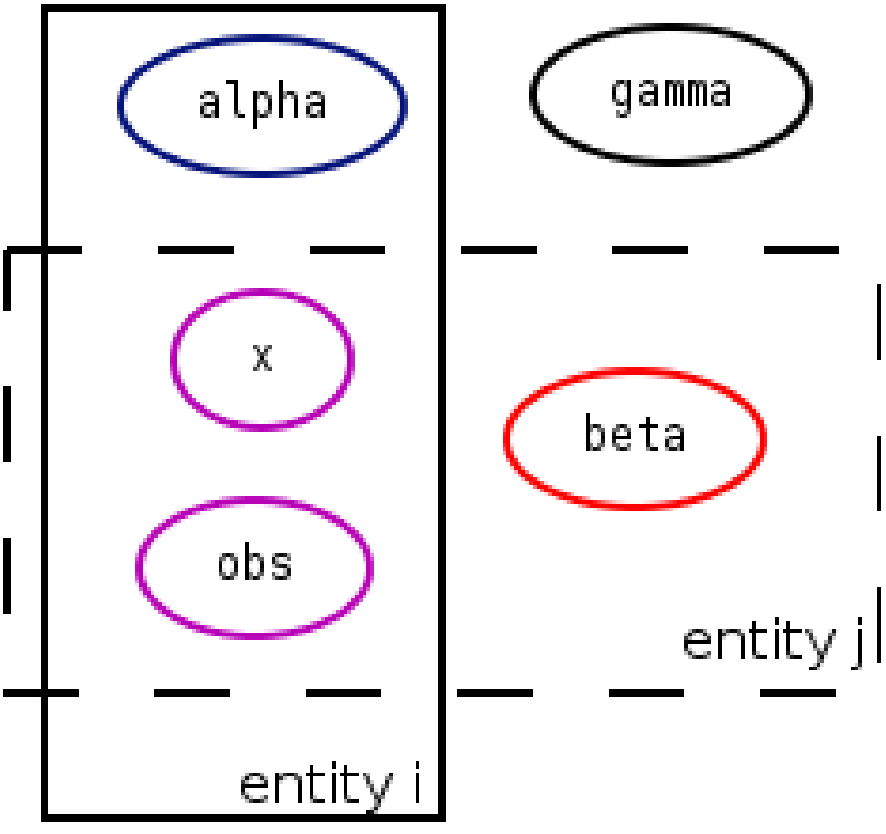
alpha
gamma
x
beta
obs
entity j
entity i