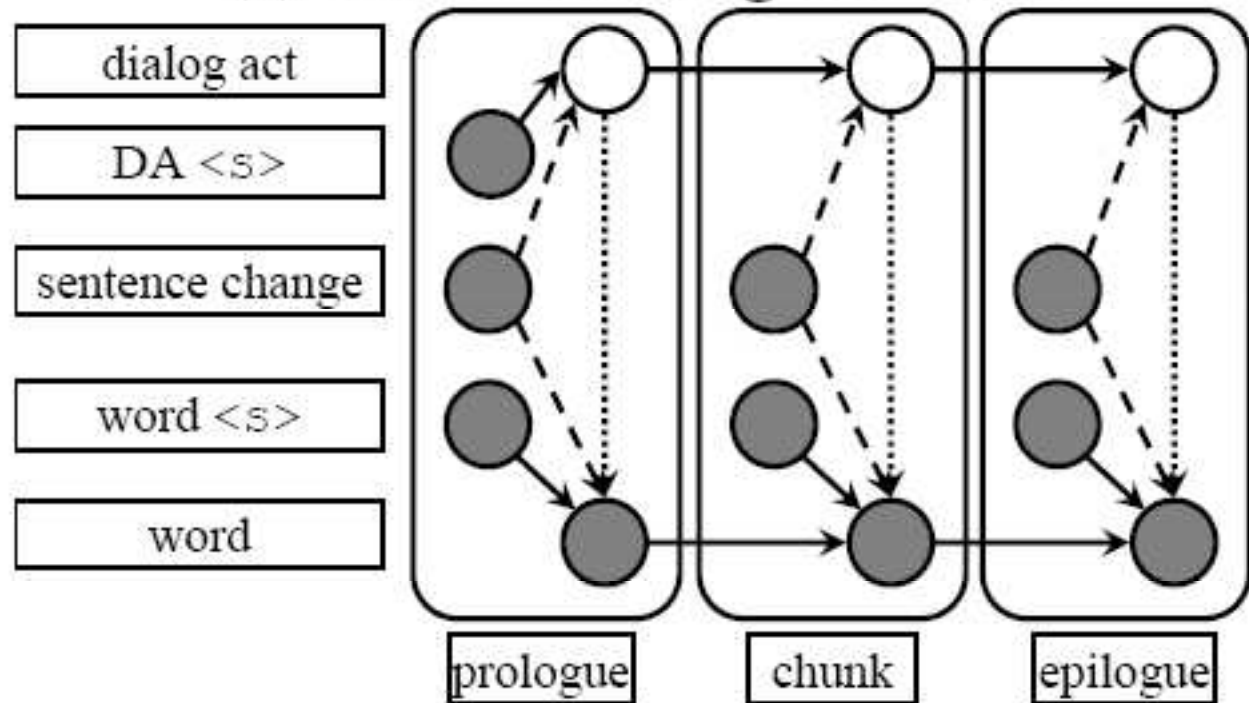


(a) General dialog act HMM



(b) Specific dialog act DBN with word bigram