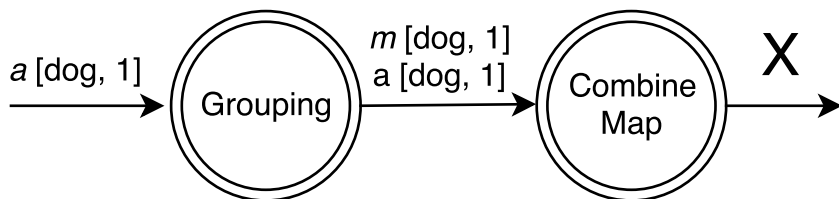
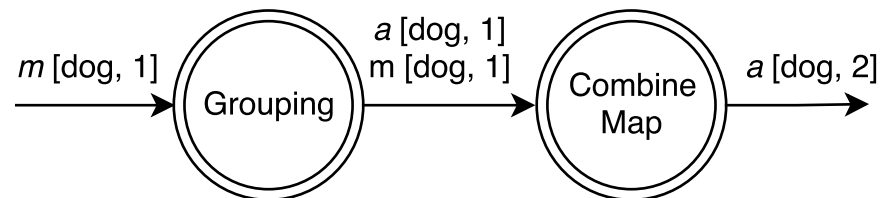


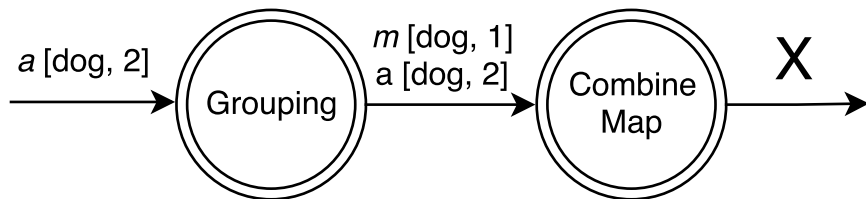
State:
 $\text{hash}(\text{dog}): m [\text{dog}, 1]$



State:
 $\text{hash}(\text{dog}): m [\text{dog}, 1]; a [\text{dog}, 1]$



State:
 $\text{hash}(\text{dog}): m [\text{dog}, 1]; a [\text{dog}, 1]; m [\text{dog}, 1]$



State:
 $\text{hash}(\text{dog}): m [\text{dog}, 1]; a [\text{dog}, 1]; m [\text{dog}, 1]; a [\text{dog}, 2]$