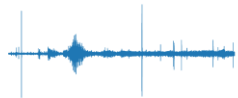
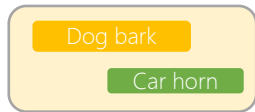


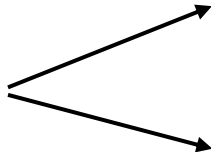
Class_dict={dog_bark, children_playing, engine_idling, air_conditioner, gun_shot, street_music,drilling, car_horn, jackhammer, siren}



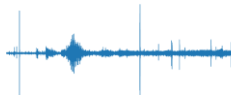
Mixture audio



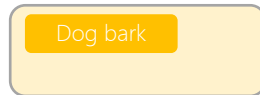
Strong labels



Generating samples



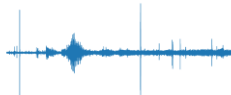
Mixture audio



Strong labels



reference audio



Mixture audio

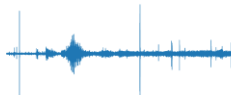


Strong labels



reference audio

Generating negative samples: We randomly choose a type of events from class_dict, which donot happen on mixture audio.



Mixture audio



Strong labels



reference audio