



```

CheckIfGate=np.zeros((out_arr.shape[0],1))
for i in range(out_arr.shape[0]):
    if distance[i]>11.2:
        CheckIfGate[i]=1
    else:
        CheckIfGate[i] = 0
out_arr=np.hstack([out_arr,CheckIfGate])

```

```

[[-0.0817599 -0.07491914 -0.00484175 0 ]
 [-0.0806986 -0.07459702 -0.00479813 0 ]
 [-0.08183366 -0.07631112 -0.00488537 0 ]
 ...
 [-0. 0. 0. 0 ]
 [-0. 0. 0. 0 ]
 [-0. 0. 0. 0 ]]

```