

DSP HW#2  
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	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32
4	57.02	63.18	61.16	62.49	63.23	66.63	65.48	66.92	67.95	65.71	66.46	69.33	68.18	65.82	60.99
6	80.26	85.9	84.29	87.17	87.05	85.27	85.67	86.19	87.17	87.34	87.28	86.59	86.77	85.39	84.7
8	87.92	90.97	91.25	92.58	93.33	92.64	92.41	92.12	93.44	93.44	93.21	93.33	93.21	92.29	91.14
10	92.75	93.44	94.99	95.68	96.14	95.57	95.11	95.34	95.45	95.51	95.86	95.68	96.03	95.51	95.22
12	94.48	94.48	96.43	96.66	96.89	96.72	96.66	96.78	97.01	97.01	97.24	96.72	96.55	96.49	96.61
14	95.51	96.09	95.97	96.61	97.12	97.01	96.95	97.12	97.47	97.47	97.24	97.18	97.12	96.84	96.84
16	95.45	95.86	95.97	96.66	96.84	97.3	96.84	97.01	97.41	97.41	97.3	97.35	97.35	97.24	96.66
18	95.28	96.09	95.97	96.03	96.72	96.55	96.66	96.78	96.95	97.01	97.12	97.12	97.12	96.78	96.72
20	93.96	94.59	94.53	95.05	95.28	95.68	95.51	96.03	96.14	96.32	96.26	96.2	96.26	96.14	96.03
22	92.29	92.41	92.58	92.41	93.04	92.98	93.21	93.79	94.48	94.53	94.53	94.13	94.3	94.02	93.79
24	88.72	89.24	89.13	90.28	90.39	90.33	90.28	90.91	91.94	91.89	92.06	91.89	92	91.31	90.91
26	83.43	84.06	84.35	84.87	85.27	85.33	85.5	86.36	86.82	87.4	87.74	87.74	87.86	86.82	86.88
28	78.65	79.52	79.29	80.72	81.13	81.53	80.96	82.74	82.97	83.37	83.6	83.6	83.83	83.08	82.85
30	72.31	72.77	73.52	74.55	75.07	75.76	75.47	76.68	77.84	78.07	78.53	78.53	78.76	78.47	77.72
32	64.86	65.9	66.24	68.26	70.1	69.59	69.24	70.28	71.49	71.77	72.47	72.87	72.98	72.47	71.54

row: same state num  
col: some gaussian num

從結果中，我們可以看出來，state 的數量並不是愈多愈好，若是超過一定的量，結果會變得很差，但是若是提升gaussian的數量，結果並不會掉這麼多。

在 training 的數量我並沒有修改很多，我只把short pause 後的訓練增加了一次循環。

baseline:

```
===== HTK Results Analysis =====
Date: Tue Apr 30 10:28:08 2019
Ref : labels/answer.mlf
Rec : result/result.mlf
----- Overall Results -----
SENT: %Correct=38.54 [H=185, S=295, N=480]
WORD: %Corr=96.61, Acc=74.34 [H=1679, D=13, S=46, I=387, N=1738]
=====
```

best:

```
===== HTK Results Analysis =====  
Date: Fri May 3 16:09:45 2019  
Ref : labels/answer.mlf  
Rec : result/result.mlf  
----- Overall Results -----  
SENT: %Correct=91.88 [H=441, S=39, N=480]  
WORD: %Corr=97.58, Acc=97.47 [H=1696, D=29, S=13, I=2, N=1738]  
=====
```