

Features	SNR 0				SNR -2				In Neurons	Hidden Neurons	Out Neurons	Feature Vector size	Expected Output size
	RMSE	STOI	PESQMOS	MOSLQO	RMSE	STOI	PESQMOS	MOSLQO					
Training Target - IRM from STFT													
STFT - DNN1	3.53	0.81	2.11	1.82	3.58	0.76	2.10	1.81	121	1024	121	1x1x121x...	1x1x121x...
STFT - DNN2	3.78	0.79	2.21	1.91	3.87	0.76	2.17	1.90	121	242	121	1x1x121x...	1x1x121x...
STFT + MFCC + MFCC Delta + MFCC double delta	3.54	0.80	2.31	2.03	3.62	0.77	2.21	1.93	163	1024	121	1x1x163x...	1x1x121x...
STFT + Pitch	3.71	0.79	2.23	1.95	3.76	0.76	2.18	1.93	205	1024	121	1x1x205x...	1x1x121x...
STFT + GFCC + GFCC Delta + GFCC double delta - DNN2	3.61	0.80	2.30	2.01	3.62	0.76	2.12	1.82	163	326	121	1x1x163x...	1x1x121x...
STFT + GFCC + GFCC Delta + GFCC double delta	3.65	0.80	2.29	1.99	3.49	0.77	2.24	1.97	163	1024	121	1x1x163x...	1x1x121x...
STFT + GFCC + GFCC Delta + GFCC double delta MFCC + MFCC Delta + MFCC double delta	3.44	0.80	2.30	2.02	3.47	0.77	2.19	1.92	205	1024	121	1x1x205x...	1x1x121x...
GFCC + MFCC	3.63	0.79	2.26	1.96	3.59	0.76	2.16	1.88	28	1024	121	1x1x28x...	1x1x121x...
STFT + GFCC + MFCC - DNN2	3.81	0.78	2.22	1.98	3.91	0.77	2.00	1.93	149	298	121	1x1x149x...	1x1x121x...
STFT + GFCC + MFCC	3.53	0.80	2.29	2.00	3.57	0.77	2.22	1.95	149	1024	121	1x1x149x...	1x1x121x...
GFCC + GFCC Delta + GFCC double delta - DNN2	3.98	0.80	2.28	1.99	3.75	0.77	2.20	1.97	42	84	121	1x1x42x...	1x1x121x...
GFCC + GFCC Delta + GFCC double delta	3.57	0.81	2.32	2.03	3.57	0.77	2.20	1.92	42	1024	121	1x1x42x...	1x1x121x...
GFCC + GFCC Delta + GFCC double delta MFCC + MFCC Delta + MFCC double delta - DNN2	3.62	0.79	2.12	1.97	3.85	0.74	2.00	1.89	84	168	121	1x1x84x...	1x1x121x...
GFCC + GFCC Delta + GFCC double delta MFCC + MFCC Delta + MFCC double delta	3.53	0.81	2.28	1.99	3.52	0.77	2.19	1.90	84	1024	121	1x1x84x...	1x1x121x...
STFT + GFCC + GFCC Delta + GFCC double delta MFCC + MFCC Delta + MFCC double delta + Pitch	4.11	0.79	2.19	1.90	3.90	0.76	2.16	1.87	289	1024	121	1x1x289x...	1x1x121x...
MFCC + MFCC Delta + MFCC double delta	3.69	0.80	2.26	1.98	3.63	0.77	2.13	1.85	42	1024	121	1x1x42x...	1x1x121x...
	3.44	0.81	2.32	2.03	3.47	0.77	2.24	1.97					
Features	SNR 0				SNR -2				In Neurons	Hidden Neurons	Out Neurons	Feature Vector size	Expected Output size
	RMSE	STOI	PESQMOS	MOSLQO	RMSE	STOI	PESQMOS	MOSLQO					
Training Target - IRM from cochleagram													
Cochleagram	2.38	0.82	2.37	2.07	2.40	0.77	2.31	2.00	64	1024	64	1x1x64x...	1x1x64x...
GFCC + GFCC Delta + GFCC double delta - DNN2	2.93	0.77	2.21	1.91	2.91	0.72	2.03	1.75	42	1024	64	1x1x42x...	1x1x64x...
GFCC + GFCC Delta + GFCC double delta	2.89	0.78	2.23	1.92	2.92	0.73	2.05	1.75	42	1024	64	1x1x42x...	1x1x64x...
GFCC + GFCC Delta + GFCC double delta MFCC + MFCC Delta + MFCC double delta	2.88	0.77	2.21	1.91	2.86	0.74	2.09	1.80	84	1024	64	1x1x84x...	1x1x64x...
MFCC + MFCC Delta + MFCC double delta	2.90	0.78	2.16	1.85	2.91	0.75	2.09	1.82	42	1024	64	1x1x42x...	1x1x64x...
GFCC + MFCC	2.91	0.78	2.27	1.96	2.90	0.74	2.06	1.77	28	1024	64	1x1x28x...	1x1x64x...
	2.38	0.82	2.37	2.07	2.40	0.77	2.31	2.00					
Features	SNR 0				SNR -2				In Neurons	CNN Filter Size - 11	Out Neurons	Feature Vector size	Expected Output size
	RMSE	STOI	PESQMOS	MOSLQO	RMSE	STOI	PESQMOS	MOSLQO					
Using CNN - leaky reLU													
Cochleagram	2.51	0.86	2.42	2.21	2.60	0.80	2.36	2.16	64	64, 128, 256, 256	64	1x1x64x...	1x1x64x...
STFT	4.84	0.79	2.22	1.93	4.14	0.76	2.10	1.85	121	121, 242, 484, 484	121	1x1x121x...	1x1x121x...
	2.51	0.86	2.42	2.21	2.60	0.80	2.36	2.16					
Features	SNR 0				SNR -2				In Neurons	CNN Filter Size - 3	Out Neurons	Feature Vector size	Expected Output size
	RMSE	STOI	PESQMOS	MOSLQO	RMSE	STOI	PESQMOS	MOSLQO					
Using CNN - Toaha													
STFT	3.83	0.79	2.27	1.90	3.54	0.76	2.23	1.82	121	12,24,48,48,48	121	1x1x121x...	1x1x121x...
Cochleagram	3.54	0.79	2.21	1.92	3.67	0.78	2.02	1.82	64	12,24,48,48	64	1x1x64x...	1x1x64x...
LSTM - GFCC with deltas ( 2 Layers - 2 bilstm) 200 nodes	4.82	0.76	2.21	1.98	4.35	0.76	2.10	1.89					
LSTM - GFCC with deltas ( 2 Layers - 2 bilstm) - 100 nodes	4.94	0.76	2.21	1.97	4.56	0.76	2.01	1.86					