

TRAIN SET		EVALUATION										ALL	AVG ID	AVG OOD	AVG ALL		
wav2vec2-xls-r-2b pretrained		ASV19	FOR	ASV21	TIMIT	ODSS	MLAAD	ASV5	ITW	AI4T							
layer 48 (LAST)	ASV19 train+dev (all)	0.57	6.66	3.33	15.23	17.04	17.07	1.72	7.36	34.19	9.28	8.80	20.78	11.46			
layer 47	ASV19 train+dev (all)	0.58	7.48	2.92	16.74	16.31	17.09	1.83	7.91	35.16	9.79	8.99	21.54	11.78			
layer 46	ASV19 train+dev (all)	0.55	8.50	3.67	9.34	15.95	14.28	1.67	9.91	37.86	9.34	7.71	23.89	11.30			
layer 45	ASV19 train+dev (all)	0.33	6.63	3.41	18.44	17.83	14.97	1.51	7.28	37.76	8.81	9.02	22.52	12.02			
layer 44	ASV19 train+dev (all)	0.35	6.41	3.45	17.98	18.09	14.88	1.56	7.32	36.16	8.91	8.96	21.74	11.80			
layer 43	ASV19 train+dev (all)	0.52	6.17	3.39	13.60	17.05	14.66	1.39	8.24	34.34	8.73	8.11	21.29	11.04			
layer 42	ASV19 train+dev (all)	0.37	5.67	3.31	14.19	16.89	14.92	1.27	7.57	32.19	8.59	8.09	19.88	10.71			
layer 41	ASV19 train+dev (all)	0.45	5.60	3.10	12.44	15.51	16.39	1.05	7.02	32.76	8.71	7.79	19.89	10.48			
layer 40	ASV19 train+dev (all)	0.47	5.60	2.79	20.25	17.21	15.92	1.09	6.63	33.69	8.46	9.05	20.16	11.52			
layer 39	ASV19 train+dev (all)	0.50	5.20	2.83	26.59	15.71	15.64	0.89	6.67	29.36	8.45	9.62	18.02	11.49			
layer 38	ASV19 train+dev (all)	0.72	7.82	3.10	30.23	13.14	15.56	1.00	10.26	30.50	9.28	10.22	20.38	12.48			
layer 37	ASV19 train+dev (all)	0.63	7.49	2.62	36.51	12.50	13.61	0.67	7.08	34.36	8.25	10.58	20.72	12.83			
layer 36	ASV19 train+dev (all)	0.86	7.86	3.01	42.91	11.75	13.88	0.60	9.03	37.02	8.66	11.55	23.03	14.10			
layer 35	ASV19 train+dev (all)	0.97	7.54	3.41	42.17	14.73	14.98	0.79	9.64	35.84	9.01	12.08	22.74	14.45			
layer 34	ASV19 train+dev (all)	0.71	6.64	2.88	43.72	16.21	14.44	0.76	7.70	34.05	8.54	12.19	20.88	14.12			
layer 33	ASV19 train+dev (all)	0.87	8.40	2.92	45.70	15.06	14.91	0.53	6.88	39.99	8.73	12.63	23.44	15.03			
layer 32	ASV19 train+dev (all)	0.63	8.94	2.91	48.75	17.47	16.16	0.65	7.35	43.14	9.23	13.64	25.25	16.22			
layer 31	ASV19 train+dev (all)	0.78	8.76	3.07	46.56	14.61	16.78	0.60	7.14	41.14	9.21	13.02	24.14	15.49			
layer 30	ASV19 train+dev (all)	1.01	11.20	3.15	49.57	15.17	17.47	0.65	7.40	43.04	9.83	14.03	25.22	16.52			
layer 29	ASV19 train+dev (all)	0.54	9.13	3.07	48.60	17.53	17.03	0.72	8.14	43.59	9.57	13.80	25.87	16.48			
layer 28	ASV19 train+dev (all)	0.49	9.07	3.00	46.98	14.87	15.46	0.65	7.96	39.81	9.21	12.93	23.89	15.37			
layer 27	ASV19 train+dev (all)	0.75	10.14	3.28	46.70	15.41	14.13	0.71	7.69	37.31	9.45	13.02	22.50	15.12			
layer 26	ASV19 train+dev (all)	0.52	8.55	3.19	46.28	16.50	15.23	0.79	8.17	38.06	9.40	13.01	23.12	15.25			
layer 25	ASV19 train+dev (all)	0.63	9.82	3.43	42.15	15.49	14.36	0.74	8.42	35.20	9.41	12.37	21.81	14.47			
layer 24	ASV19 train+dev (all)	0.64	10.51	3.06	42.79	16.25	13.43	0.78	8.16	41.60	9.42	12.49	24.88	15.25			
layer 23	ASV19 train+dev (all)	0.52	10.10	3.02	42.79	16.22	12.99	0.76	8.13	40.50	9.44	12.34	24.32	15.00			
layer 22	ASV19 train+dev (all)	0.28	7.48	2.92	42.33	16.78	12.88	0.63	7.20	38.25	8.56	11.90	22.73	14.31			
layer 21	ASV19 train+dev (all)	0.30	8.39	2.70	42.31	14.95	12.41	0.60	5.95	40.74	8.47	11.67	23.35	14.26			
layer 20	ASV19 train+dev (all)	0.27	8.39	2.67	43.61	14.88	13.26	0.61	6.01	40.55	8.61	11.96	23.28	14.47			
layer 19	ASV19 train+dev (all)	0.22	7.63	2.62	37.15	14.57	14.33	0.52	5.58	37.86	8.54	11.01	21.72	13.39			
layer 18	ASV19 train+dev (all)	0.19	7.45	2.46	39.47	13.14	14.28	0.41	5.02	36.46	8.39	11.06	20.74	13.21			
layer 17	ASV19 train+dev (all)	0.16	7.29	2.26	38.60	14.96	13.24	0.36	4.73	33.15	7.96	10.98	18.94	12.75			
layer 16	ASV19 train+dev (all)	0.14	7.99	2.06	37.31	13.57	12.53	0.32	4.93	29.72	7.71	10.56	17.33	12.06			
layer 15	ASV19 train+dev (all)	0.11	7.68	1.98	38.08	13.66	12.34	0.30	4.41	30.97	7.62	10.59	17.69	12.17			
layer 14	ASV19 train+dev (all)	0.10	6.44	2.04	26.18	11.79	12.96	0.22	3.94	26.35	7.38	8.53	15.15	10.00			
layer 13	ASV19 train+dev (all)	0.08	6.25	1.77	28.07	13.32	10.96	0.20	3.34	30.50	6.75	8.66	16.92	10.50			
layer 12	ASV19 train+dev (all)	0.05	5.81	1.73	26.27	14.58	10.77	0.26	3.43	29.04	6.5	8.50	16.24	10.22			
layer 11	ASV19 train+dev (all)	0.12	5.84	2.07	16.28	12.45	10.36	0.24	3.61	26.21	6.05	6.77	14.91	8.58			
layer 10	ASV19 train+dev (all)	0.08	5.34	1.90	12.33	12.66	12.57	0.44	3.31	26.98	6.79	6.47	15.15	8.40			
layer 9	ASV19 train+dev (all)	0.12	6.67	2.35	5.66	16.26	12.79	0.88	3.41	27.43	7.26	6.39	15.42	8.40			
layer 8	ASV19 train+dev (all)	0.08	6.15	2.61	13.33	16.12	14.31	1.55	5.20	28.43	8.08	7.74	16.82	9.75			
layer 7	ASV19 train+dev (all)	0.27	7.47	3.29	13.03	22.21	15.35	3.66	5.10	33.27	10.03	9.33	19.19	11.52			
layer 6	ASV19 train+dev (all)	0.52	14.48	5.62	15.47	22.73	16.92	8.79	7.82	40.06	13.51	12.08	23.94	14.71			
layer 5	ASV19 train+dev (all)	0.59	21.42	9.69	10.81	30.79	20.25	16.41	11.69	47.68	20.92	15.71	29.69	18.81			
layer 4	ASV19 train+dev (all)	1.47	24.03	17.00	24.07	35.51	21.75	24.56	19.66	62.69	30.25	21.20	41.18	25.64			
layer 3	ASV19 train+dev (all)	2.47	25.86	22.31	24.75	34.20	23.84	26.59	22.37	60.20	32.7	22.86	41.29	26.95			
layer 2	ASV19 train+dev (all)	4.27	28.93	28.77	17.10	36.41	25.19	39.26	22.37	60.20	38.25	25.70	41.29	29.17			
layer 1	ASV19 train+dev (all)	4.83	28.55	30.85	50.12	40.01	25.46	46.93	22.59	61.85	40.19	32.39	42.22	34.58	-first transformer layer		
layer 0	ASV19 train+dev (all)	5.90	34.54	30.75	70.00	43.96	24.53	49.38	24.06	62.64	42.08	37.01	43.35	38.42	-conv		