

dataset	apnea type	excerpt	best version (x means predicted ALL zeros)	# osa	# osahs	# other	# total positives	# total negatives
dreams	osahs	8	x		12		12	766
dublin	all	8	x	0	18		18	176
dublin	all	11	x	0	35		34	217
dreams	osa	8	x	38		0	38	766
dreams	osahs	3	x		38		38	63
dreams	osahs	2	x		47		47	592
dublin	all	5	x	0	56	0	56	649
dreams	osa	2	x	65		1	65	592
dreams	osa	6	Dataset: dreams, Excerpt: osa_excerpt6 ***** Results: precision recall f1-score support  1 0.67 0.83 0.74 12 0 0.99 0.97 0.98 178  accuracy 0.96 190 macro avg 0.83 0.90 0.86 190 weighted avg 0.97 0.96 0.97 190  TP: 10 TN: 173 FP: 5 FN: 2	65		0	65	891
dublin	all	7	Dataset: dublin, Excerpt: all_ucddb7 ***** Results: precision recall f1-score support  1 0.60 0.21 0.32 14 0 0.90 0.98 0.94 98  accuracy 0.88 112 macro avg 0.75 0.60 0.63 112 weighted avg 0.86 0.88 0.86 112  TP: 3 TN: 96 FP: 2 FN: 11	16	54		73	494
dublin	all	9	x	3	61		77	594
dublin	all	19	Dataset: dublin, Excerpt: all_ucddb19 ***** Results: precision recall f1-score support  1 1.00 0.25 0.40 20 0 0.86 1.00 0.92 92  accuracy 0.87 112 macro avg 0.93 0.62 0.66 112 weighted avg 0.88 0.87 0.83 112  TP: 5 TN: 92 FP: 0 FN: 15	22	79		105	463
dreams	osahs	7	x		113		113	342
dublin	all	2	x	7	115		123	282
dreams	osa	9	Dataset: dreams, Excerpt: osa_excerpt9 ***** Results: precision recall f1-score support  1 1.00 0.88 0.94 25 0 0.98 1.00 0.99 179  accuracy 0.99 204 macro avg 0.99 0.94 0.96 204 weighted avg 0.99 0.99 0.98 204	128		0	128	899

dataset	apnea type	excerpt	best version (x means predicted ALL zeros)	# osa	# osa/s	# other	# total positives	# total negatives
			TP: 22 TN: 179 FP: 0 FN: 3 *****					
dreams	osa/s	6	x		151		151	891
dublin	all	12	Dataset: dublin, Excerpt: all_ucddb12 ***** Results: precision recall f1-score support  1 0.75 0.70 0.72 30 0 0.90 0.92 0.91 90  accuracy 0.87 120 macro avg 0.83 0.81 0.82 120 weighted avg 0.86 0.87 0.87 120  TP: 21 TN: 83 FP: 7 FN: 9	25	110		152	450
dublin	all	14	x	1	179		182	478
mit	osa	slp61	Dataset: mit, Excerpt: mit_slp61_norm ***** Results: precision recall f1-score support  1 0.94 0.46 0.62 37 0 0.79 0.99 0.88 75  accuracy 0.81 112 macro avg 0.87 0.72 0.75 112 weighted avg 0.84 0.81 0.79 112  TP: 17 TN: 74 FP: 1 FN: 20 *****	155	34		188	376
dreams	osa/s	5	***** 2 hidden layers, 128 neurons per layer Dataset: dreams, Excerpt: osa/s_excerpt5 ***** Results: precision recall f1-score support  1 0.96 0.65 0.77 37 0 0.81 0.98 0.89 55  accuracy 0.85 92 macro avg 0.88 0.82 0.83 92 weighted avg 0.87 0.85 0.84 92  TP: 24 TN: 54 FP: 1 FN: 13		189		189	278
dreams	osa	1	Dataset: dreams, Excerpt: osa_excerpt1 ***** Results: precision recall f1-score support  1 0.97 0.91 0.94 34 0 0.97 0.99 0.98 112  accuracy 0.97 146 macro avg 0.97 0.95 0.96 146 weighted avg 0.97 0.97 0.97 146  TP: 31 TN: 111 FP: 1 FN: 3	194		9	192	567

dataset	apnea type	excerpt	best version (x means predicted ALL zeros)	# osa	# osahs	# other	# total positives	# total negatives
dreams	osa	7	Dataset: dreams, Excerpt: osa_excerpt7 ***** Results: precision recall f1-score support  1 0.88 1.00 0.94 38 0 1.00 0.93 0.96 68  accuracy 0.95 106 macro avg 0.94 0.96 0.95 106 weighted avg 0.96 0.95 0.95 106  TP: 38 TN: 63 FP: 5 FN: 0	209		10	208	342
dublin	all	10	x	2	229		233	456
dreams	osahs	1	Dataset: dreams, Excerpt: osahs_excerpt1 ***** Results: precision recall f1-score support  1 0.85 0.67 0.75 49 0 0.90 0.96 0.93 143  accuracy 0.89 192 macro avg 0.87 0.82 0.84 192 weighted avg 0.88 0.89 0.88 192  TP: 33 TN: 137 FP: 6 FN: 16		249		249	717
dublin	all	6	Dataset: dublin, Excerpt: all_ucddb6 ***** Results: precision recall f1-score support  1 0.94 0.77 0.85 44 0 0.78 0.95 0.86 38  accuracy 0.85 82 macro avg 0.86 0.86 0.85 82 weighted avg 0.87 0.85 0.85 82  TP: 34 TN: 36 FP: 2 FN: 10 *****	0	127		300	452
ucddb	all	3	"Dataset: dublin, Excerpt: all_ucddb3 ***** Results: precision recall f1-score support  1 0.90 0.49 0.64 57 0 0.73 0.96 0.83 80  accuracy 0.77 137 macro avg 0.81 0.73 0.73 137 weighted avg 0.80 0.77 0.75 137  TP: 28 TN: 77 FP: 3 FN: 29"	28	268		306	401
dreams	osahs	4	x		333		333	426
dreams	osa	3	Dataset: dreams, Excerpt: osa_excerpt3 ***** Results: precision recall f1-score support  1 1.00 0.72 0.83 60 0 0.89 1.00 0.94 136	340		0	339	694

dataset	apnea type	excerpt	best version (x means predicted ALL zeros)	# osa	# osa/s	# other	# total positives	# total negatives
			accuracy                   0.91   196 macro avg   0.94   0.86   0.89   196 weighted avg   0.92   0.91   0.91   196  TP: 43 TN: 136 FP: 0 FN: 17 *****					
dreams	osa	5	Dataset: dreams, Excerpt: osa_excerpt5 ***** Results: precision   recall   f1-score   support  1   0.87   0.99   0.92   67 0   0.98   0.82   0.89   55  accuracy                   0.91   122 macro avg   0.92   0.90   0.91   122 weighted avg   0.92   0.91   0.91   122  TP: 66 TN: 45 FP: 10 FN: 1 *****	350		161	350	278
dreams	osa	4	Dataset: dreams, Excerpt: osa_excerpt4 ***** Results: precision   recall   f1-score   support  1   0.85   0.44   0.58   25 0   0.86   0.98   0.91   85  accuracy                   0.85   110 macro avg   0.85   0.71   0.75   110 weighted avg   0.85   0.85   0.84   110  TP: 11 TN: 83 FP: 2 FN: 14 *****	389		1	387	426
dublin	all	27	Dataset: dublin, Excerpt: all_ucddb27 ***** Results: precision   recall   f1-score   support  1   0.88   0.42   0.57   33 0   0.83   0.98   0.90   95  accuracy                   0.84   128 macro avg   0.85   0.70   0.73   128 weighted avg   0.84   0.84   0.81   128  TP: 14 TN: 93 FP: 2 FN: 19	49	197		409	478
dublin	all	25	Dataset: dublin, Excerpt: all_ucddb25 ***** Results: precision   recall   f1-score   support  1   0.82   0.91   0.86   77 0   0.74   0.57   0.65   35  accuracy                   0.80   112 macro avg   0.78   0.74   0.75   112 weighted avg   0.80   0.80   0.80   112  TP: 70 TN: 20 FP: 15	29	222		435	176

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			FN: 7					
mit	osa	slp37	***** Results: precision recall f1-score support 1 0.94 0.67 0.78 51 0 0.67 0.95 0.79 37 accuracy 0.78 88 macro avg 0.81 0.81 0.78 88 weighted avg 0.83 0.78 0.78 88 TP: 34 TN: 35 FP: 2 FN: 17	429	0		475	188