	#	Block	Logistic		Medium		Boosted trees	Bagged trees		Quadratic		Fine Gaussian	Medium Gaussian	Coarse Gaussian	Subspace			
Model Performance for SNR 6 dB	Features	length (s)		Fine tree	tree	Coarse tree	ensemble	ensemble	Linear SVM	SVM	Cubic SVM	SVM	SVM	SVM	KNN .	Neural Net	CNN	LSTM NN
Cepstral	13	. 1	75.8%	83.1%	81.1%	75.6%	85.0%	86.8%	77.2%	87.3%	89.1%	85.7%	88.0%	80.4%				
Cepstral	13	3 2	78.3%	85.2%	82.5%	76.3%	86.3%	88.2%	79.0%	89.5%	91.9%	88.6%	89.3%	80.5%		86.7%		
Cepstral	26	5 1	78.0%	81.8%	78.9%	75.6%	85.0%	85.5%	79.0%	88.8%	89.7%	76.3%	88.1%	79.7%				
Cepstral	26	5 2	80.2%	85.2%	81.4%	74.3%	85.9%	88.3%	80.4%	90.7%	92.8%	80.9%	90.3%	79.7%		92.5%		61.8%
1/3 Octaves	29) 1	70.7%	83.7%	80.2%	75.3%	85.1%	89.0%	70.3%	77.5%	81.2%	71.9%	75.4%	70.1%				
1/3 Octaves	29) 2	72.8%	87.5%	82.8%	77.3%	87.5%	91.9%	71.7%	79.7%	83.8%	76.6%	76.5%	71.5%		71.5%		
Octaves	10) 1	67.3%	82.0%	79.4%	72.7%	82.2%	86.3%	66.6%	76.4%	80.0%	78.0%	75.6%	66.8%				
Octaves	10) 2	67.8%	84.7%	80.6%	73.7%	84.2%	89.0%	66.5%	77.0%	81.2%	81.1%	76.8%	66.9%		77.4%		
MFCC	13	3 2	76.3%	82.0%	78.2%	72.1%	83.5%	85.3%	76.8%	85.2%	87.4%	83.8%	87.0%	77.0%				
MFCC	13	1	74.1%	80.4%	78.9%	68.8%	81.6%	82.9%	75.3%	83.0%	84.6%	80.5%	84.8%	76.4%		77.5%		
FFT (25 Hz resolution)	799	0.041	61.3%	78.4%	75.8%	70.0%												
FFT (100 Hz resolution)	200	0.01	68.3%	76.8%	74.0%	69.6%												
CWT Scalogram	150528	3 1	L														92.9%	
CWT Scalogram	150528	3	3														85.1%	
CWT Scalogram	150528	5	5														83.3%	
CWT Scalogram Bag of Features	500) 1	81.0%	75.5%	74.2%	73.3%	82.1%	82.0%	83.1%	86.4%	87.1%	60.5%	86.1%	79.9%				
CWT Scalogram Bag of Features	500) 3	80.7%	73.2%	73.7%	75.3%	84.8%	82.7%	86.7%	87.7%	88.6%	59.1%	87.9%	81.6%				
CWT Scalogram Bag of Features	500) 5	55.0%	73.0%	74.1%	70.6%	82.3%	81.7%	88.0%	89.4%	90.9%	60.2%	87.7%	81.6%				
DWT (Coiflet2, 4 levels)	29) 1	70.0%	90.4%	88.3%	78.1%	91.2%	93.1%	80.1%	86.2%	88.6%	84.8%	82.3%	76.0%		81.5%		76.4%
DWT (Coiflet2, 4 levels)	29	2	75.4%	91.6%	88.1%	80.1%	91.0%	93.3%	80.5%	87.3%	90.5%	85.8%	82.4%	77.6%		81.5%		78.2%
DWT (Coiflet2, 5 levels)	49) 2	81.5%	91.7%	89.1%	79.3%	92.3%	94.2%	82.1%	88.0%	90.6%	87.2%	83.5%	78.8%		82.3%		
DWT (Coiflet2, 5 levels, Hampel Filter)	49) 2	81.0%	91.7%	88.7%	79.3%	92.1%	94.0%	82.0%	88.9%	91.5%	87.6%	83.8%	76.8%	76.5%	84.9%		
DWT (Coiflet2, 4 levels, Hampel Filter)	29) 2	70.1%	92.1%	88.6%	80.0%	91.1%	93.5%	80.7%	87.9%	90.8%	86.3%	82.7%	77.8%		83.1%		
DWT (Coiflet2, 3 levels, Hampel Filter)	17	' 2	67.1%	89.7%	87.5%	78.1%	89.6%	92.9%	79.0%	84.4%	52.0%	85.9%	81.1%	76.5%	81.3%	81.4%		
DWT (Debauchies4, 4 levels)	29) 1	64.4%	90.1%	86.0%	81.1%	88.9%	91.6%	77.2%	80.6%	51.4%	81.5%	77.6%	66.1%	71.1%			
DWT (Haar, 4 levels)	29) 1	53.8%	77.0%	73.1%	68.7%	76.4%	80.5%	71.5%	76.4%	58.7%	76.1%	73.9%	70.4%	67.1%			
DWT (Coiflet2, 4 levels, no entropy)	25	. 2	71.6%	90.6%	85.7%	81.6%	88.3%	92.1%	79.2%	57.1%	49.9%	76.3%	67.9%	61.0%	54.1%			
DWT (Coiflet2, 2 levels)	7	, 2	70.1%	89.0%	84.6%	78.9%	88.2%	92.3%	68.8%	71.8%	53.9%	77.7%	74.0%	61.5%	73.7%			