ID	Title Au	ı Name	Algorithm	Class	Supervised?	Sav	Noise	nf n	b RTF	InpuS	SDR
mohammadiha2013supervised			BNMF	NMF	supervised	JEX	factory, city, babble		D KII		5.23638006
mohammadiha2013supervised	•		BNMF	NMF	supervised		factory, city, babble				5.36820653
mohammadiha2013supervised	•		BNMF	NMF	supervised		factory, city, babble				4.71819562
mohammadiha2013supervised	•			NMF	supervised		factory, city, babble				3.7227284
mohammadiha2013supervised	•			NMF	supervised		factory, city, babble				4.21819308
mohammadiha2013supervised	•			NMF	supervised		factory, city, babble				4.39545909
mohammadiha2013supervised	•			NMF	supervised		factory, city, babble				3.89091869
mohammadiha2013supervised	•			NMF	supervised		factory, city, babble			10	2.8045267
mohammadiha2013supervised	•			NMF	supervised		factory, city, babble				5.40909299
mohammadiha2013supervised	•			NMF	supervised		factory, city, babble				5.60457136
mohammadiha2013supervised	•			NMF	supervised		factory, city, babble				4.91821186
mohammadiha2013supervised	•			NMF	supervised		factory, city, babble				3.91363846
mohammadiha2013supervised	•		BNMF	NMF	supervised		factory, city, babble			-5	4.1272683
mohammadiha2013supervised	•		BNMF	NMF	supervised		factory, city, babble				3.94998706
mohammadiha2013supervised			BNMF	NMF	supervised					5	3.0090808
mohammadiha2013supervised	•		BNMF	NMF			factory, city, babble				1.18636712
mohammadiha2013supervised	•			NMF	supervised supervised		factory, city, babble				3.84543346
·	•			NMF			factory, city, babble				4.31362527
mohammadiha2013supervised	•				supervised		factory, city, babble				
mohammadiha2013supervised	•			NMF	supervised		factory, city, babble				3.89999442
mohammadiha2013supervised	•			NMF	supervised		factory, city, babble			10	2.8045267
mohammadiha2013supervised	•			NMF	supervised		factory, city, babble				2.54544209 3.31363542
mohammadiha2013supervised	•			NMF	supervised		factory, city, babble				
mohammadiha2013supervised	•			NMF	supervised		factory, city, babble				3.24544564
mohammadiha2013supervised	•			NMF	supervised		factory, city, babble				2.80454192
mohammadiha2013supervised	•			NMF	unsupervised		factory, city, babble				7.19318182
mohammadiha2013supervised	•			NMF	unsupervised		factory, city, babble				8.16477273
mohammadiha2013supervised	•			NMF	unsupervised		factory, city, babble				7.26136364
mohammadiha2013supervised	•			NMF	unsupervised		factory, city, babble				5.13068182
mohammadiha2013supervised	•			NMF	unsupervised		factory, city, babble				6.92045455
mohammadiha2013supervised	•			NMF	unsupervised		factory, city, babble			0	6.375
mohammadiha2013supervised	•			NMF	unsupervised		factory, city, babble				4.39772727
mohammadiha2013supervised	•			NMF	unsupervised		factory, city, babble				1.97727273
mohammadiha2013supervised	•			NMF	unsupervised		factory, city, babble				6.86931818
mohammadiha2013supervised	•			NMF	unsupervised		factory, city, babble				7.39772727
mohammadiha2013supervised	•		BNMF	NMF	unsupervised		factory, city, babble				6.76704545
mohammadiha2013supervised	•		BNMF	NMF	unsupervised		factory, city, babble				5.33522727
mohammadiha2013supervised	Supervised and N.	Wiener	BNMF	NMF	unsupervised		factory, city, babble			-5	4.78977273
mohammadiha2013supervised	Supervised and N.	Wiener	BNMF	NMF	unsupervised		factory, city, babble			0	5.30113636
mohammadiha2013supervised	Supervised and N.	Wiener	BNMF	NMF	unsupervised		factory, city, babble				4.09090909
mohammadiha2013supervised	Supervised and N.	Wiener	BNMF	NMF	unsupervised		factory, city, babble			10	2.45454545
mohammadiha2013supervised	Supervised and N.	STSA-GenGam	BNMF	NMF	unsupervised		factory, city, babble			-5	6.22159091
mohammadiha2013supervised	Supervised and N.	STSA-GenGam	BNMF	NMF	unsupervised		factory, city, babble			0	6.75
mohammadiha2013supervised	Supervised and N.	STSA-GenGam	BNMF	NMF	unsupervised		factory, city, babble			5	5.91477273
mohammadiha2013supervised	Supervised and N.	STSA-GenGam	BNMF	NMF	unsupervised		factory, city, babble			10	4.67045455
Wilson2008	Speech denoisir K.	ETSI	KLNMF	NMF	supervised	m	Jackhammer			0	
Wilson2008	Speech denoisir K.	ETSI	KLNMF	NMF	supervised	m	Bus			0	
Wilson2008	Speech denoisir K.	ETSI	KLNMF	NMF	supervised	m	Combat			0	
Wilson2008	Speech denoisir K.	ETSI	KLNMF	NMF	supervised	m	Babble			0	
Wilson2008	Speech denoisir K.	NMF-self	KLNMF	NMF	supervised	m	Jackhammer			0	
Wilson2008	Speech denoisir K.	NMF-self	KLNMF	NMF	supervised	m	Bus			0	
Wilson2008	Speech denoisir K.	NMF-self	KLNMF	NMF	supervised	m	Combat			0	
Wilson2008	Speech denoisir K.	NMF-self	KLNMF	NMF	supervised	m	Babble			0	
Wilson2008	Speech denoisir K.	NMF-group	KLNMF	NMF	supervised	m	Jackhammer			0	
Wilson2008	Speech denoisir K.	NMF-group	KLNMF	NMF	supervised	m	Bus			0	
Wilson2008	Speech denoisir K.	NMF-group	KLNMF	NMF	supervised	m	Combat			0	
Wilson2008	Speech denoisir K.	NMF-group	KLNMF	NMF	supervised	m	Babble			0	
Wilson2008	Speech denoisir K.	NMF-Prior-sel	KLNMF	NMF	supervised	m	Jackhammer			0	
Wilson2008	Speech denoisir K.	NMF-Prior-sel	KLNMF	NMF	supervised	m	Bus			0	
Wilson2008	Speech denoisir K.	NMF-Prior-sel	KLNMF	NMF	supervised	m	Combat			0	
Wilson2008	Speech denoisir K.	NMF-Prior-sel	KLNMF	NMF	supervised	m	Babble			0	
Wilson2008	Speech denoisir K.	NMF-Prior-gro	KLNMF	NMF	supervised	m	Jackhammer			0	
Wilson2008	Speech denoisir K.	NMF-Prior-gro	KLNMF	NMF	supervised	m	Bus			0	
Wilson2008	Speech denoisir K.	-		NMF	supervised	m	Combat			0	
Wilson2008	Speech denoisir K.	-		NMF	supervised	m	Babble			0	
Wilson2008	Speech denoisir K.	-	KLNMF	NMF	supervised	f	Jackhammer			0	
Wilson2008	Speech denoisir K.		KLNMF	NMF	supervised	f	Bus			0	
Wilson2008	Speech denoisir K.		KLNMF	NMF	supervised	f	Combat			0	
Wilson2008	Speech denoisir K.		KLNMF	NMF	supervised	f	Babble			0	
Wilson2008	Speech denoisir K.		KLNMF	NMF	supervised	f	Jackhammer			0	
Wilson2008	Speech denoisir K.		KLNMF	NMF	supervised	f	Bus			0	
Wilson2008	Speech denoisir K.		KLNMF	NMF	supervised	f	Combat			0	
Wilson2008	Speech denoisir K.		KLNMF	NMF	supervised	f	Babble			0	
Wilson2008	Speech denoisir K.		KLNMF	NMF	supervised	f	Jackhammer			0	
Wilson2008	Speech denoisir K.		KLNMF	NMF	supervised	f	Bus			0	
Wilson2008	Speech denoisir K.		KLNMF	NMF	supervised	f	Combat			0	
Wilson2008	Speech denoisir K.		KLNMF	NMF	supervised	f	Babble			0	
Wilson2008	Speech denoisir K.			NMF	supervised	f	Jackhammer			0	
Wilson2008	Speech denoisir K.			NMF	supervised	f	Bus			0	
Wilson2008	Speech denoisir K.			NMF	supervised	f	Combat			0	
Wilson2008	Speech denoisir K.			NMF	supervised	f	Babble			0	
Wilson2008	Speech denoisir K.			NMF	supervised	f	Jackhammer			0	
	- pecon denoisii K.	1 1101-g10			Jupel Viseu	•				3	

Wilson2008	Speech denoisir K. 'NMF-Prior-g		NMF	supervised	f	Bus	0
Wilson2008	Speech denoisir K. 'NMF-Prior-g	rc KLNMF	NMF	supervised	f	Combat	0
Wilson2008	Speech denoisir K. 'NMF-Prior-g	rc KLNMF	NMF	supervised	f	Babble	0
Schmidt2006	Single-channel : M. Human	Human	Human	•		CompSpkrSameSpkr	6
Schmidt2006	Single-channel : M. Human	Human	Human			CompSpkrSameSpkr	3
Schmidt2006	Single-channel : M. Human	Human	Human			CompSpkrSameSpkr	0
Schmidt2006	Single-channel : M. Human	Human	Human			CompSpkrSameSpkr	-3
Schmidt2006	Single-channel : M. Human	Human	Human			CompSpkrSameSpkr	-6
Schmidt2006	Single-channel : M. Human	Human	Human			CompSpkrSameSpkr	-9
	-						6
Schmidt2006	Single-channel : M. Human	Human	Human			CompSpkrSameSex	
Schmidt2006	Single-channel : M. Human	Human	Human			CompSpkrSameSex	3
Schmidt2006	Single-channel : M. Human	Human	Human			CompSpkrSameSex	0
Schmidt2006	Single-channel : M. Human	Human	Human			CompSpkrSameSex	-3
Schmidt2006	Single-channel : M. Human	Human	Human			CompSpkrSameSex	-6
	-						
Schmidt2006	Single-channel : M. Human	Human	Human			CompSpkrSameSex	-9 -
Schmidt2006	Single-channel : M. Human	Human	Human			CompSpkrOppSex	6
Schmidt2006	Single-channel : M. Human	Human	Human			CompSpkrOppSex	3
Schmidt2006	Single-channel : M. Human	Human	Human			CompSpkrOppSex	0
Schmidt2006	Single-channel : M. Human	Human	Human			CompSpkrOppSex	-3
	-						
Schmidt2006	Single-channel : M. Human	Human	Human			CompSpkrOppSex	-6
Schmidt2006	Single-channel : M. Human	Human	Human			CompSpkrOppSex	-9
Schmidt2006	Single-channel : M. SNMF	SNMF	NMF	supervised		CompSpkrSameSpkr	6
Schmidt2006	Single-channel : M. SNMF	SNMF	NMF	supervised		CompSpkrSameSpkr	3
Schmidt2006	Single-channel (M. SNMF	SNMF	NMF	supervised		CompSpkrSameSpkr	0
	•			•			
Schmidt2006	Single-channel & M. SNMF	SNMF	NMF	supervised		CompSpkrSameSpkr	-3
Schmidt2006	Single-channel : M. SNMF	SNMF	NMF	supervised		CompSpkrSameSpkr	-6
Schmidt2006	Single-channel : M. SNMF	SNMF	NMF	supervised		CompSpkrSameSpkr	-9
Schmidt2006	Single-channel : M. SNMF	SNMF	NMF	supervised		CompSpkrSameSex	6
Schmidt2006	Single-channel : M. SNMF	SNMF	NMF			CompSpkrSameSex	3
	-			supervised			
Schmidt2006	Single-channel : M. SNMF	SNMF	NMF	supervised		CompSpkrSameSex	0
Schmidt2006	Single-channel : M. SNMF	SNMF	NMF	supervised		CompSpkrSameSex	-3
Schmidt2006	Single-channel : M. SNMF	SNMF	NMF	supervised		CompSpkrSameSex	-6
Schmidt2006	Single-channel : M. SNMF	SNMF	NMF	supervised		CompSpkrSameSex	-9
Schmidt2006	•	SNMF	NMF				6
	Single-channel (M. SNMF			supervised		CompSpkrOppSex	
Schmidt2006	Single-channel : M. SNMF	SNMF	NMF	supervised		CompSpkrOppSex	3
Schmidt2006	Single-channel : M. SNMF	SNMF	NMF	supervised		CompSpkrOppSex	0
Schmidt2006	Single-channel : M. SNMF	SNMF	NMF	supervised		CompSpkrOppSex	-3
Schmidt2006	Single-channel : M. SNMF	SNMF	NMF	supervised		CompSpkrOppSex	-6
	-						
Schmidt2006	Single-channel : M. SNMF	SNMF	NMF	supervised		CompSpkrOppSex	-9
Raj2005	Recognizing spe B. NMF-self	KLNMF	NMF	supervised	m	CompSpkrSameSex	-10
Raj2005	Recognizing spe B. NMF-self	KLNMF	NMF	supervised	m	CompSpkrSameSex	-5
Raj2005	Recognizing sp∈B. NMF-self	KLNMF	NMF	supervised	m	CompSpkrSameSex	0
Raj2005	Recognizing spe B. NMF-self	KLNMF	NMF	supervised	m	CompSpkrSameSex	5
Raj2005	Recognizing speB. NMF-self	KLNMF	NMF	supervised	m	CompSpkrSameSex	10
Raj2005	Recognizing spε B. NMF-self	KLNMF	NMF	supervised	m	CompSpkrSameSex	-10
Raj2005	Recognizing speB. NMF-self	KLNMF	NMF	supervised	m	CompSpkrSameSex	-5
Raj2005	Recognizing spe B. NMF-self	KLNMF	NMF	supervised	m	CompSpkrSameSex	0
Raj2005		KLNMF	NMF		m	CompSpkrSameSex	5
•	Recognizing spε B. NMF-self			supervised			
Raj2005	Recognizing sp∈B. NMF-self	KLNMF	NMF	supervised	m	CompSpkrSameSex	10
Raj2005	Recognizing spε B. NMF-self	KLNMF	NMF	supervised	f	CompSpkrSameSex	-10
Raj2005	Recognizing spe B. NMF-self	KLNMF	NMF	supervised	f	CompSpkrSameSex	-5
Raj2005	Recognizing spe B. NMF-self	KLNMF	NMF	supervised	f	CompSpkrSameSex	0
Raj2005	Recognizing sp∈B. NMF-self	KLNMF	NMF	supervised	f	CompSpkrSameSex	5
Raj2005	Recognizing sp∈B. NMF-self	KLNMF	NMF	supervised	f	CompSpkrSameSex	10
Raj2005	Recognizing spe B. NMF-self	KLNMF	NMF	supervised	f	CompSpkrSameSex	-10
Raj2005	Recognizing spe B. NMF-self	KLNMF	NMF	supervised	f	CompSpkrSameSex	-5
Raj2005	Recognizing spe B. NMF-self	KLNMF	NMF	supervised	f	CompSpkrSameSex	0
Raj2005	Recognizing sp∈B. NMF-self	KLNMF	NMF	supervised	f	CompSpkrSameSex	5
Raj2005	Recognizing sp∈B. NMF-self	KLNMF	NMF	supervised	f	CompSpkrSameSex	10
Raj2005	Recognizing sp∈B. NMF-self	KLNMF	NMF	supervised	m	CompSpkrOppSex	-10
Raj2005	Recognizing spe B. NMF-self	KLNMF	NMF	supervised	m	CompSpkrOppSex	-5
		KLNMF	NMF		m		0
Raj2005	Recognizing spe B. NMF-self			supervised		CompSpkrOppSex	
Raj2005	Recognizing spe B. NMF-self	KLNMF	NMF	supervised	m	CompSpkrOppSex	5
Raj2005	Recognizing spε B. NMF-self	KLNMF	NMF	supervised	m	CompSpkrOppSex	10
Raj2005	Recognizing spe B. NMF-self	KLNMF	NMF	supervised	f	CompSpkrOppSex	-10
Raj2005	Recognizing spe B. NMF-self	KLNMF	NMF	supervised	f	CompSpkrOppSex	-5
•					f		0
Raj2005	Recognizing spe B. NMF-self	KLNMF	NMF	supervised		CompSpkrOppSex	
Raj2005	Recognizing speB. NMF-self	KLNMF	NMF	supervised	f	CompSpkrOppSex	5
Raj2005	Recognizing sp∈B. NMF-self	KLNMF	NMF	supervised	f	CompSpkrOppSex	10
Raj2005	Recognizing spe B. Max-VQ	Max-VQ	VQ	supervised	m	CompSpkrSameSex	-10
Raj2005	Recognizing spe B. Max-VQ	Max-VQ	VQ	supervised	m	CompSpkrSameSex	-5
Raj2005	Recognizing sp∈B. Max-VQ	Max-VQ	VQ	supervised	m	CompSpkrSameSex	0
Raj2005	Recognizing spε B. Max-VQ	Max-VQ	VQ	supervised	m	CompSpkrSameSex	5
Raj2005	Recognizing spe B. Max-VQ	Max-VQ	VQ	supervised	m	CompSpkrSameSex	10
Raj2005	Recognizing spe B. Max-VQ	Max-VQ	VQ	supervised	m	CompSpkrSameSex	-10
Raj2005	Recognizing sp∈B. Max-VQ	Max-VQ	VQ	supervised	m	CompSpkrSameSex	-5
Raj2005	Recognizing spe B. Max-VQ	Max-VQ	VQ	supervised	m	CompSpkrSameSex	0
Raj2005	Recognizing spe B. Max-VQ	Max-VQ	VQ	supervised	m	CompSpkrSameSex	5
							10
Raj2005	Recognizing spe B. Max-VQ	Max-VQ	VQ	supervised	m	CompSpkrSameSex	
Raj2005	Recognizing sp∈B. Max-VQ	Max-VQ	VQ	supervised	f	CompSpkrSameSex	-10
	Recognizing spe B. Max-VQ	Max-VQ	VQ	supervised	f	CompSpkrSameSex	-5
Raj2005	Necognizing spe b. Iviax-vQ						
Raj2005 Raj2005	Recognizing spe B. Max-VQ	Max-VQ	VQ	supervised	f	CompSpkrSameSex	0

Raj2005	Recognizing spe B. I	Max-VQ	Max-VQ	VQ	supervised	f	CompSpkrSameSex			5
Raj2005	Recognizing spe B. I	Max-VQ	Max-VQ	VQ	supervised	f	CompSpkrSameSex			10
	Recognizing sp∈B. I			VQ	•	f	CompSpkrSameSex			10
-										
Raj2005	Recognizing sp∈B. I	Max-VQ	Max-VQ	VQ	supervised	f	CompSpkrSameSex			-5
Raj2005	Recognizing spe B. I	Max-VQ	Max-VQ	VQ	supervised	f	CompSpkrSameSex			0
Raj2005	Recognizing spe B. I	Max-VO	Max-VQ	VQ	supervised	f	CompSpkrSameSex			5
	Recognizing sp∈B. I			VQ	•	f	CompSpkrSameSex			10
					•					
Raj2005	Recognizing spε B. I	Max-VQ	Max-VQ	VQ	supervised	m	CompSpkrOppSex			10
Raj2005	Recognizing spe B. I	Max-VQ	Max-VQ	VQ	supervised	m	CompSpkrOppSex			-5
Raj2005	Recognizing spe B. I	Max-VO	Max-VQ	VQ	supervised	m	CompSpkrOppSex			0
•	Recognizing spe B. I			VQ	•	m	CompSpkrOppSex			5
					•					
-	Recognizing sp∈B. I			VQ	•	m	CompSpkrOppSex			10
Raj2005	Recognizing spe B. I	Max-VQ	Max-VQ	VQ	supervised	f	CompSpkrOppSex		-	10
Raj2005	Recognizing spe B. I	Max-VQ	Max-VQ	VQ	supervised	f	CompSpkrOppSex			-5
•	Recognizing sp∈ B. I			VQ	•	f	CompSpkrOppSex			0
•					•	f				5
•	Recognizing sp∈B. I			VQ	•		CompSpkrOppSex			
Raj2005	Recognizing spe B. I	Max-VQ	Max-VQ	VQ	supervised	f	CompSpkrOppSex			10
Rennie2008	Efficient model-S. II	NSA	NSA	NMF	supervised		CompSpkrSameSex			-9
Rennie2008	Efficient model-S. II	NSA	NSA	NMF	supervised		CompSpkrSameSex			-6
	Efficient model- S. II			NMF	•					-3
					supervised		CompSpkrSameSex			
Rennie2008	Efficient model-S. II	NSA	NSA	NMF	supervised		CompSpkrSameSex			0
Rennie2008	Efficient model-S. II	NSA	NSA	NMF	supervised		CompSpkrSameSex			3
Rennie2008	Efficient model-S. II	NSA	NSA	NMF	supervised		CompSpkrSameSex			6
				NMF	•		CompSpkrOppSex			-9
	Efficient model S. II				supervised					
Rennie2008	Efficient model-S. II	NSA	NSA	NMF	supervised		CompSpkrOppSex			-6
Rennie2008	Efficient model-S. II	NSA	NSA	NMF	supervised		CompSpkrOppSex			-3
	Efficient model-S. II			NMF	supervised		CompSpkrOppSex			0
				NMF	•					3
	Efficient model S. II				supervised		CompSpkrOppSex			
Rennie2008	Efficient model-S. II	NSA	NSA	NMF	supervised		CompSpkrOppSex			6
Rennie2008	Efficient model-S. II	NSA-fixed-pric	NSA	NMF	supervised		CompSpkrSameSex			-9
Rennie2008	Efficient model-S. II	NSΔ-fixed-nric	NSΔ	NMF	supervised		CompSpkrSameSex			-6
					•					
	Efficient model-S. II			NMF	supervised		CompSpkrSameSex			-3
Rennie2008	Efficient model-S. II	NSA-fixed-pric	NSA	NMF	supervised		CompSpkrSameSex			0
Rennie2008	Efficient model-S. II	NSA-fixed-pric	NSA	NMF	supervised		CompSpkrSameSex			3
	Efficient model S. II			NMF	supervised		CompSpkrSameSex			6
										-9
	Efficient model S. II			NMF	supervised		CompSpkrOppSex			
Rennie2008	Efficient model- S. II	NSA-fixed-pric	NSA	NMF	supervised		CompSpkrOppSex			-6
Rennie2008	Efficient model-S. II	NSA-fixed-pric	NSA	NMF	supervised		CompSpkrOppSex			-3
Rennie2008	Efficient model-S. II	NSA-fixed-pric	NSA	NMF	supervised		CompSpkrOppSex			0
				NMF	•					3
	Efficient model S. II				supervised		CompSpkrOppSex			
Rennie2008	Efficient model-S. II	NSA-fixed-pric	NSA	NMF	supervised		CompSpkrOppSex			6
Rennie2008	Efficient model-S. I.	Algonquin	NSA	NMF	supervised		CompSpkrSameSex			-9
Rennie2008	Efficient model-S. I	Algonauin	NSA	NMF	supervised		CompSpkrSameSex			-6
				NMF	•					-3
	Efficient model S. I.				supervised		CompSpkrSameSex			
Rennie2008	Efficient model-S. I	Algonquin	NSA	NMF	supervised		CompSpkrSameSex			0
Rennie2008	Efficient model-S. I.	Algonquin	NSA	NMF	supervised		CompSpkrSameSex			3
Rennie2008	Efficient model-S. I.	Algonauin	NSA	NMF	supervised		CompSpkrSameSex			6
	Efficient model-S. I			NMF	supervised		CompSpkrOppSex			-9
	Efficient model-S. I			NMF	supervised		CompSpkrOppSex			-6
Rennie2008	Efficient model-S. I	Algonquin	NSA	NMF	supervised		CompSpkrOppSex			-3
Rennie2008	Efficient model-S. I.	Algonquin	NSA	NMF	supervised		CompSpkrOppSex			0
Rennie2008	Efficient model-S. I	Algonquin	NSA	NMF	supervised		CompSpkrOppSex			3
					•					
Rennie2008	Efficient model S. I.	-	NSA	NMF	supervised		CompSpkrOppSex			6
Rennie2008	Efficient model-S. IS	SNMF	SNMF	NMF	supervised		CompSpkrSameSex			-9
Rennie2008	Efficient model-S. IS	SNMF	SNMF	NMF	supervised		CompSpkrSameSex			-6
Rennie2008	Efficient model-S. IS	SNMF	SNMF	NMF	supervised		CompSpkrSameSex			-3
	Efficient model S. IS			NMF	•		CompSpkrSameSex			0
					supervised					
	Efficient model S. IS			NMF	supervised		CompSpkrSameSex			3
Rennie2008	Efficient model-S. IS	SNMF	SNMF	NMF	supervised		CompSpkrSameSex			6
Rennie2008	Efficient model-S. IS	SNMF	SNMF	NMF	supervised		CompSpkrOppSex			-9
	Efficient model- S. IS			NMF	supervised		CompSpkrOppSex			-6
					•					
	Efficient model S. IS			NMF	supervised		CompSpkrOppSex			-3
	Efficient model S. IS			NMF	supervised		CompSpkrOppSex			0
Rennie2008	Efficient model-S. IS	SNMF	SNMF	NMF	supervised		CompSpkrOppSex			3
Rennie2008	Efficient model-S. IS			NMF	supervised		CompSpkrOppSex			6
	OpenBliSSART: F. \			NMF	supervised		CompSpkr	20	0.35	0
· ·	•				•					
-	OpenBliSSART: F. \			NMF	supervised		CompSpkr	25	0.37	0
Weninger2011	OpenBliSSART: F. \	IS-NMF	ISNMF	NMF	supervised		CompSpkr	30	0.4	0
Weninger2011	OpenBliSSART: F. \1	IS-NMF	ISNMF	NMF	supervised		CompSpkr	35	0.43	0
-	OpenBliSSART: F. \			NMF	supervised		CompSpkr	40	0.45	0
-	OpenBliSSART: F. \			NMF	supervised		CompSpkr	45	0.48	0
-	OpenBliSSART: F. \			NMF	supervised		CompSpkr	50	0.5	0
Weninger2011	OpenBliSSART: F. \	IS-NMF	ISNMF	NMF	supervised		CompSpkr	55	0.53	0
Weninger2011	OpenBliSSART: F. 11	IS-NMF	ISNMF	NMF	supervised		CompSpkr	60	0.56	0
-	OpenBliSSART: F. \1			NMF	supervised		CompSpkr	20	0.31	0
-	•				•					
	OpenBliSSART: F. \1			NMF	supervised		CompSpkr	25	0.33	0
Weninger2011	OpenBliSSART: F. \	KLNMF	KLNMF	NMF	supervised		CompSpkr	30	0.35	0
Weninger2011	OpenBliSSART: F. \1	KLNMF	KLNMF	NMF	supervised		CompSpkr	35	0.37	0
-	OpenBliSSART: F. \			NMF	supervised		CompSpkr	40	0.38	0
	OpenBliSSART: F. \			NMF	•				0.4	
-	•				supervised		CompSpkr	45		0
	OpenBliSSART: F. \			NMF	supervised		CompSpkr	50	0.42	0
Weninger2011	OpenBliSSART: F. \1	KLNMF	KLNMF	NMF	supervised		CompSpkr	55	0.44	0

Weninger2011	OpenBliSSART: F. 1	KLNMF	KLNMF	NMF	supervised	CompSpkr	60 0.45	0
Weninger2011	OpenBliSSART: F. \		EuNMF	NMF	supervised	CompSpkr	20 0.31	0
Weninger2011	OpenBliSSART: F. 1		EuNMF	NMF	supervised	CompSpkr	25 0.33	0
Weninger2011	OpenBliSSART: F. V		EuNMF	NMF	supervised	CompSpkr	30 0.34	0
Weninger2011 Weninger2011	OpenBliSSART: F. \\ OpenBliSSART: F. \\		EuNMF EuNMF	NMF NMF	supervised supervised	CompSpkr CompSpkr	35 0.36 40 0.38	0 0
Weninger2011 Weninger2011	OpenBliSSART: F. \		EuNMF	NMF	supervised	CompSpkr	45 0.4	0
Weninger2011	OpenBliSSART: F. \		EuNMF	NMF	supervised	CompSpkr	50 0.41	0
Weninger2011	OpenBliSSART: F. 1		EuNMF	NMF	supervised	CompSpkr	55 0.43	0
Weninger2011	OpenBliSSART: F. \		EuNMF	NMF	supervised	CompSpkr	60 0.46	0
Williamson2014	A Two-Stage Ap D.	Binary Mask	Binary Mask	Mask	unsupervised	babble, factory, spe	ech-shaped	-5
Williamson2014	A Two-Stage Ap D.	Binary Mask	Binary Mask	Mask	unsupervised	babble, factory, spe	ech-shaped	0
Williamson2014	A Two-Stage Ap D.	Soft Mask	Soft Mask	Mask	unsupervised	babble, factory, spe	ech-shaped	-5
Williamson2014	A Two-Stage Ap D.		Soft Mask	Mask	unsupervised	babble, factory, spe		0
Williamson2014	A Two-Stage Ap D.		HMM	Statistical	unsupervised	babble, factory, spe	•	-5
Williamson2014	A Two-Stage Ap D.		HMM	Statistical	unsupervised	babble, factory, spe		0
Williamson2014 Williamson2014	A Two-Stage Ap D. A Two-Stage Ap D.		KLNMF KLNMF	Mask Mask	unsupervised unsupervised	babble, factory, spe- babble, factory, spe-	•	-5 0
Paliwal2010	Comparative ev K.		SSUB	Spectral Subtra		white	ecii siiapeu	0
Paliwal2010	Comparative ev K.		SSUB	Spectral Subtr		white		0
Paliwal2010	Comparative ev K.		SSUB	Spectral Subtr		white		0
Paliwal2010	Comparative ev K.	Wiener-as	Wiener	Weiner		white		0
Paliwal2010	Comparative ev K.	Wiener-wt	Wiener	Weiner		white		0
Paliwal2010	Comparative ev K.	MMSE	MMSE	Statistical		white		0
Paliwal2010	Comparative ev K.		MMSE	Statistical		white		0
Paliwal2010	Comparative ev K.	Ü	logMMSE	Statistical		white		0
Paliwal2010	Comparative ev K.	-	-	Statistical		white		0
Paliwal2010	Comparative ov K	-	-	Statistical Statistical		white		0
Paliwal2010 Paliwal2010	Comparative ev K.    Comparative ev K.	-	-	Statistical		white white		0
Paliwal2010	Comparative ev K.	-		Statistical		white		0
Paliwal2010	Comparative ev K.		STSA	Statistical		white		0
Paliwal2010	Comparative ev K.		KLT	Subspace		white		0
Paliwal2010	Comparative ev K.	pKLT	KLT	Subspace		white		0
Paliwal2010	Comparative ev K. I	SSUB	SSUB	Spectral Subtra	action	white		5
Paliwal2010	Comparative ev K.		SSUB	Spectral Subtr		white		5
Paliwal2010	Comparative ev K.		SSUB	Spectral Subtra	action	white		5
Paliwal2010	Comparative ev K.		Wiener	Weiner		white		5
Paliwal2010 Paliwal2010	Comparative ev K.    Comparative ev K.		Wiener MMSE	Weiner Statistical		white white		5 5
Paliwal2010 Paliwal2010	Comparative ev K.		MMSE	Statistical		white		5
Paliwal2010	Comparative ev K.		logMMSE	Statistical		white		5
Paliwal2010	Comparative ev K.	-	-	Statistical		white		5
Paliwal2010	Comparative ev K.	logMMSE-SPU	logMMSE	Statistical		white		5
Paliwal2010	Comparative ev K.	logMMSE-SPU	logMMSE	Statistical		white		5
Paliwal2010	Comparative ev K.	logMMSE-SPU	logMMSE	Statistical		white		5
Paliwal2010	Comparative ev K.			Statistical		white		5
Paliwal2010	Comparative ev K.		STSA	Statistical		white		5
Paliwal2010	Comparative ev K.		KLT	Subspace		white		5 5
Paliwal2010 Paliwal2010	Comparative ev K.		KLT SSUB	Subspace Spectral Subtra	action	white white		10
Paliwal2010	Comparative ev K. II		SSUB	Spectral Subtr		white		10
Paliwal2010	Comparative ev K.		SSUB	Spectral Subtr		white		10
Paliwal2010	Comparative ev K.		Wiener	Weiner		white		10
Paliwal2010	Comparative ev K.	Wiener-wt	Wiener	Weiner		white		10
Paliwal2010	Comparative ev K.	MMSE	MMSE	Statistical		white		10
Paliwal2010	Comparative ev K.		MMSE	Statistical		white		10
Paliwal2010	Comparative ev K.	-	logMMSE	Statistical		white		10
Paliwal2010	Comparative ev K.	-		Statistical		white		10
Paliwal2010 Paliwal2010	Comparative ev K.    Comparative ev K.			Statistical Statistical		white white		10 10
Paliwal2010 Paliwal2010	Comparative ev K.	· ·	Ü	Statistical		white		10
Paliwal2010	Comparative ev K.	-		Statistical		white		10
Paliwal2010	Comparative ev K.		STSA	Statistical		white		10
Paliwal2010	Comparative ev K.	KLT	KLT	Subspace		white		10
Paliwal2010	Comparative ev K.	pKLT	KLT	Subspace		white		10
Paliwal2010	Comparative ev K.	SSUB	SSUB	Spectral Subtr	action	white		15
Paliwal2010	Comparative ev K.		SSUB	Spectral Subtr		white		15
Paliwal2010	Comparative ev K.		SSUB	Spectral Subtra	action	white		15
Paliwal2010	Comparative ev K.		Wiener	Weiner		white		15 15
Paliwal2010	Comparative ev K.		Wiener	Weiner Statistical		white		15 15
Paliwal2010 Paliwal2010	Comparative ev K.    Comparative ev K.		MMSE MMSE	Statistical Statistical		white white		15 15
Paliwal2010 Paliwal2010	Comparative ev K.		logMMSE	Statistical		white		15
Paliwal2010	Comparative ev K.	-	-	Statistical		white		15
Paliwal2010	Comparative ev K.	-	-	Statistical		white		15
Paliwal2010	Comparative ev K.	-		Statistical		white		15
Paliwal2010	Comparative ev K.			Statistical		white		15
Paliwal2010	Comparative ev K.			Statistical		white		15
Paliwal2010	Comparative ev K. I		STSA	Statistical		white		15
Paliwal2010	Comparative ev K.		KLT	Subspace		white		15
Paliwal2010	Comparative ev K.	ρκLΙ	KLT	Subspace		white		15

Paliwal2010 Paliwal2010						
Paliwal2010	Comparative ev K.	SSUB	SSUB	Spectral Subtraction	white	20
	Comparative ev K.	MBAND	SSUB	Spectral Subtraction	white	20
Paliwal2010	Comparative ev K.		SSUB	Spectral Subtraction	white	20
Paliwal2010	Comparative ev K.		Wiener	Weiner		20
	·					
Paliwal2010	Comparative ev K.		Wiener	Weiner		20
Paliwal2010	Comparative ev K.	MMSE	MMSE	Statistical	white	20
Paliwal2010	Comparative ev K.	MMSE-SPU	MMSE	Statistical	white	20
Paliwal2010	Comparative ev K.	logMMSE	logMMSE	Statistical	white	20
Paliwal2010	Comparative ev K.	-	-	Statistical		20
		-				
Paliwal2010	Comparative ev K.	-	-	Statistical		20
Paliwal2010	Comparative ev K.	logMMSE-SPU	logMMSE	Statistical	white	20
Paliwal2010	Comparative ev K.	logMMSE-SPU	logMMSE	Statistical	white	20
Paliwal2010	Comparative ev K.	STSA-weuclid	STSA	Statistical	white	20
Paliwal2010	Comparative ev K.		STSA	Statistical		20
	·					
Paliwal2010	Comparative ev K.		KLT	Subspace		20
Paliwal2010	Comparative ev K.	pKLT	KLT	Subspace	white	20
Paliwal2010	Comparative ev K.	SSUB	SSUB	Spectral Subtraction	white	25
Paliwal2010	Comparative ev K.	MBAND	SSUB	Spectral Subtraction	white	25
Paliwal2010	Comparative ev K.	RDC	SSUB	Spectral Subtraction	white	25
Paliwal2010	Comparative ev K.		Wiener	Weiner		25
	·					
Paliwal2010	Comparative ev K.		Wiener	Weiner		25
Paliwal2010	Comparative ev K.	MMSE	MMSE	Statistical	white	25
Paliwal2010	Comparative ev K.	MMSE-SPU	MMSE	Statistical	white	25
Paliwal2010	Comparative ev K.	logMMSE	logMMSE	Statistical	white	25
Paliwal2010	Comparative ev K.	-	-	Statistical		25
	Comparative ev K.					
Paliwal2010		Ü	U	Statistical		25
Paliwal2010	Comparative ev K.	logMMSE-SPU	logMMSE	Statistical		25
Paliwal2010	Comparative ev K.	logMMSE-SPU	logMMSE	Statistical	white	25
Paliwal2010	Comparative ev K.	STSA-weuclid	STSA	Statistical	white	25
Paliwal2010	Comparative ev K.		STSA	Statistical		25
Paliwal2010	Comparative ev K.		KLT	Subspace		25
Paliwal2010	Comparative ev K.	pKLT	KLT	Subspace		25
Paliwal2010	Comparative ev K.	SSUB	SSUB	Spectral Subtraction	white	30
Paliwal2010	Comparative ev K.	MBAND	SSUB	Spectral Subtraction	white	30
Paliwal2010	Comparative ev K.		SSUB	Spectral Subtraction	white	30
Paliwal2010	Comparative ev K.		Wiener	Weiner		30
	·					
Paliwal2010	Comparative ev K.		Wiener	Weiner		30
Paliwal2010	Comparative ev K.	MMSE	MMSE	Statistical	white	30
Paliwal2010	Comparative ev K.	MMSE-SPU	MMSE	Statistical	white	30
Paliwal2010	Comparative ev K.		logMMSE	Statistical		30
Paliwal2010	Comparative ev K.	-	-	Statistical		30
	·	-	-			
Paliwal2010	Comparative ev K.	-		Statistical		30
Paliwal2010	Comparative ev K.	logMMSE-SPU	logMMSE	Statistical	white	30
Paliwal2010	Comparative ev K.	logMMSE-SPU	logMMSE	Statistical	white	30
Paliwal2010	Comparative ev K.	STSA-weuclid	STSA	Statistical	white	30
Paliwal2010	Comparative ev K.		STSA	Statistical		30
	•					
Paliwal2010	Comparative ev K.		KLT	Subspace		30
Paliwal2010			KLT	Subspace	white	30
PallwaizU1U	Comparative ev K.	PKLI				0
Paliwal2010 Paliwal2010	Comparative ev K.		SSUB	Spectral Subtraction	babble	0
Paliwal2010	Comparative ev K.	SSUB		•		0
Paliwal2010 Paliwal2010	Comparative ev K. Comparative ev K.	SSUB MBAND	SSUB	Spectral Subtraction	babble	0
Paliwal2010 Paliwal2010 Paliwal2010	Comparative ev K. Comparative ev K. Comparative ev K.	SSUB MBAND RDC	SSUB SSUB	Spectral Subtraction Spectral Subtraction	babble babble	0
Paliwal2010 Paliwal2010 Paliwal2010 Paliwal2010	Comparative ev K. Comparative ev K. Comparative ev K. Comparative ev K.	SSUB MBAND RDC Wiener-as	SSUB SSUB Wiener	Spectral Subtraction Spectral Subtraction Weiner	babble babble babble	0 0 0
Paliwal2010 Paliwal2010 Paliwal2010 Paliwal2010 Paliwal2010	Comparative ev K. Comparative ev K. Comparative ev K. Comparative ev K. Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt	SSUB SSUB Wiener Wiener	Spectral Subtraction Spectral Subtraction Weiner Weiner	babble babble babble babble	0 0 0
Paliwal2010 Paliwal2010 Paliwal2010 Paliwal2010	Comparative ev K. Comparative ev K. Comparative ev K. Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt	SSUB SSUB Wiener	Spectral Subtraction Spectral Subtraction Weiner	babble babble babble	0 0 0
Paliwal2010 Paliwal2010 Paliwal2010 Paliwal2010 Paliwal2010	Comparative ev K. Comparative ev K. Comparative ev K. Comparative ev K. Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE	SSUB SSUB Wiener Wiener	Spectral Subtraction Spectral Subtraction Weiner Weiner	babble babble babble babble	0 0 0
Paliwal2010 Paliwal2010 Paliwal2010 Paliwal2010 Paliwal2010 Paliwal2010 Paliwal2010 Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU	SSUB SSUB Wiener Wiener MMSE MMSE	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Statistical	babble babble babble babble babble babble	0 0 0 0 0
Paliwal2010 Paliwal2010 Paliwal2010 Paliwal2010 Paliwal2010 Paliwal2010 Paliwal2010 Paliwal2010 Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE	SSUB SSUB Wiener Wiener MMSE MMSE logMMSE	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Statistical Statistical	babble babble babble babble babble babble babble	0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE logMMSE-SPU	SSUB SSUB Wiener Wiener MMSE MMSE logMMSE logMMSE	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Statistical Statistical Statistical	babble babble babble babble babble babble babble	0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE logMMSE-SPU logMMSE-SPU	SSUB SSUB Wiener Wiener MMSE MMSE logMMSE logMMSE	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Statistical Statistical Statistical Statistical Statistical Statistical	babble babble babble babble babble babble babble babble babble	0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE logMMSE-SPU logMMSE-SPU	SSUB SSUB Wiener Wiener MMSE MMSE logMMSE logMMSE logMMSE	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Statistical Statistical Statistical Statistical Statistical Statistical Statistical	babble babble babble babble babble babble babble babble babble	0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE logMMSE-SPU logMMSE-SPU	SSUB SSUB Wiener Wiener MMSE MMSE logMMSE logMMSE logMMSE	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Statistical Statistical Statistical Statistical Statistical Statistical	babble babble babble babble babble babble babble babble babble	0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU	SSUB SSUB Wiener Wiener MMSE MMSE logMMSE logMMSE logMMSE logMMSE	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Statistical Statistical Statistical Statistical Statistical Statistical Statistical	babble babble babble babble babble babble babble babble babble	0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU STSA-weuclid	SSUB SSUB Wiener Wiener MMSE MMSE logMMSE logMMSE logMMSE logMMSE logMMSE sTSA	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical	babble	0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU sTSA-weuclid STSA-wcosh	SSUB SSUB Wiener Wiener MMSE logMMSE logMMSE logMMSE logMMSE logMMSE stran	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical	babble	0 0 0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU sTSA-weuclid STSA-wcosh KLT	SSUB SSUB Wiener Wiener MMSE logMMSE logMMSE logMMSE logMMSE logMMSE strange logMMSE strange KLT	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical	babble	0 0 0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE-SPU	SSUB SSUB Wiener Wiener MMSE logMMSE logMMSE logMMSE logMMSE logMMSE strands logMMSE strands KLT KLT	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Subspace Subspace	babble	0 0 0 0 0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU sTSA-weuelid STSA-weush KLT pKLT SSUB	SSUB SSUB Wiener Wiener MMSE MMSE logMMSE logMMSE logMMSE logMMSE stransparent KLT KLT SSUB	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Subspace Subspace Spectral Subtraction	babble	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU sTSA-weuelid STSA-weush KLT pKLT SSUB	SSUB SSUB Wiener Wiener MMSE logMMSE logMMSE logMMSE logMMSE logMMSE strands logMMSE strands KLT KLT	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Subspace Subspace	babble	0 0 0 0 0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU STSA-weuclid STSA-wcosh KLT pKLT SSUB MBAND	SSUB SSUB Wiener Wiener MMSE MMSE logMMSE logMMSE logMMSE logMMSE stransparent KLT KLT SSUB	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Subspace Subspace Spectral Subtraction	babble	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU sTSA-weuclid STSA-wcosh KLT pKLT pKLT SSUB MBAND RDC	SSUB SSUB Wiener Wiener MMSE IogMMSE IogMMSE IogMMSE IogMMSE IogMMSE IogMMSE IogMMSE ISMMSE STSA KLT KLT KLT SSUB SSUB	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical	babble	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU STSA-weuclid STSA-wcosh KLT pKLT SSUB MBAND RDC Wiener-as	SSUB SSUB Wiener Wiener MMSE logMMSE logMMSE logMMSE logMMSE logMMSE sTSA STSA KLT KLT SSUB SSUB Wiener	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Subspace Subspace Suppace Spectral Subtraction Spectral Subtraction Spectral Subtraction Weiner	babble	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU STSA-wecosh KLT pKLT SSUB MBAND RDC Wiener-as Wiener-wt	SSUB SSUB Wiener Wiener MMSE logMMSE logMMSE logMMSE logMMSE logMMSE STSA STSA KLT KLT SSUB SSUB SSUB Wiener Wiener	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Subspace Subspace Subspace Spectral Subtraction Spectral Subtraction Spectral Subtraction Weiner Weiner	babble	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU sTSA-weuelid STSA-weuelid STSA-web MBAND RDC Wiener-as Wiener-wt MMSE	SSUB SSUB Wiener Wiener MMSE logMMSE logMMSE logMMSE logMMSE logMMSE strak STSA STSA KLT KLT SSUB SSUB SSUB Wiener Wiener MMSE	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Subspace Subspace Subspace Spectral Subtraction Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical	babble	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU STSA-weuelid STSA-weosh KLT pKLT SSUB MBAND RDC Wiener-as Wiener-as Wiener-wt IMMSE MMSE-SPU	SSUB SSUB Wiener Wiener MMSE MMSE logMMSE logMMSE logMMSE logMMSE strans STSA KLT KLT SSUB SSUB SSUB Wiener Wiener MMSE MMSE	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical	babble	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU STSA-weuelid STSA-weosh KLT pKLT SSUB MBAND RDC Wiener-as Wiener-as Wiener-wt IMMSE MMSE-SPU	SSUB SSUB Wiener Wiener MMSE logMMSE logMMSE logMMSE logMMSE logMMSE strak STSA STSA KLT KLT SSUB SSUB SSUB Wiener Wiener MMSE	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Subspace Subspace Subspace Spectral Subtraction Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical	babble	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE-SPU logMMSE	SSUB SSUB Wiener Wiener MMSE MMSE logMMSE logMMSE logMMSE logMMSE stra STSA KLT KLT SSUB SSUB SSUB Wiener Wiener MMSE MMSE logMMSE	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical	babble	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU STSA-weuclid STSA-wcosh KLT pKLT SSUB MBAND RDC Wiener-as Wiener-wt MMSE IMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE	SSUB SSUB Wiener Wiener MMSE logMMSE logMMSE logMMSE logMMSE logMMSE STSA STSA KLT KLT SSUB SSUB Wiener Wiener MMSE MMSE logMMSE logMMSE logMMSE STSA STSA LOGMMSE LOGMMSE LOGMMSE LOGMMSE LOGMMSE LOGMMSE LOGMMSE LOGMMSE	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Subspace Subspace Spectral Subtraction Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Statistical Statistical Statistical Statistical Statistical Statistical Statistical	babble	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE-SPU	SSUB SSUB Wiener Wiener MMSE logMMSE logMMSE logMMSE logMMSE logMMSE sTSA STSA KLT KLT SSUB SSUB Wiener Wiener MMSE MMSE logMMSE logMMSE logMMSE logMMSE logMMSE logMMSE logMMSE logMMSE logMMSE	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Subspace Subspace Spectral Subtraction Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical	babble	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE-SPU	SSUB SSUB Wiener Wiener MMSE logMMSE logMMSE logMMSE logMMSE logMMSE STSA STSA KLT KLT SSUB SSUB Wiener Wiener MMSE MMSE logMMSE IogMMSE	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Subspace Subspace Supspace Spectral Subtraction Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Statistical Statistical Statistical Statistical Statistical Statistical Statistical Statistical	babble	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE-SPU	SSUB SSUB Wiener Wiener MMSE MMSE logMMSE logMMSE logMMSE logMMSE logMMSE STSA STSA KLT KLT SSUB SSUB Wiener Wiener MMSE MMSE logMMSE logMMSE logMMSE logMMSE logMMSE logMMSE logMMSE logMMSE	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Subspace Subspace Subspace Spectral Subtraction Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical	babble	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE-SPU	SSUB SSUB Wiener Wiener MMSE MMSE logMMSE logMMSE logMMSE logMMSE logMMSE STSA STSA KLT KLT SSUB SSUB Wiener Wiener MMSE MMSE logMMSE logMMSE logMMSE logMMSE logMMSE logMMSE logMMSE logMMSE	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Subspace Subspace Supspace Spectral Subtraction Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Statistical Statistical Statistical Statistical Statistical Statistical Statistical Statistical	babble	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE-SPU	SSUB SSUB Wiener Wiener MMSE MMSE logMMSE logMMSE logMMSE logMMSE logMMSE STSA STSA KLT KLT SSUB SSUB Wiener Wiener MMSE MMSE logMMSE logMMSE logMMSE logMMSE logMMSE logMMSE logMMSE logMMSE	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Subspace Subspace Subspace Spectral Subtraction Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical	babble	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE-SPU	SSUB SSUB Wiener Wiener MMSE logMMSE logMMSE logMMSE logMMSE logMMSE stra klt klt ssub ssub ssub ssub wiener Wiener MMSE logMMSE logMMSE logMMSE logMMSE logMMSE logMMSE logMMSE stra klt klt stra klt klt ssub ssub ssub ssub ssub ssub wiener wiener logMMSE logMMSE logMMSE logMMSE logMMSE logMMSE logMMSE logMMSE stra stra	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Subspace Subspace Spectral Subtraction Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical	babble	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU logMMSE-SPU STSA-weuclid STSA-wcosh KLT Wiener-as Wiener-as Wiener-wt MMSE logMMSE-SPU STSA-weuclid STSA-wcosh KLT	SSUB SSUB Wiener Wiener MMSE logMMSE logMMSE logMMSE logMMSE logMMSE STSA STSA KLT KLT SSUB SSUB Wiener Wiener MMSE logMMSE logMMSE logMMSE logMMSE STSA STSA KLT KLT SSUB SSUB SSUB SSUB SSUB SSUB SSUB SSU	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Subspace Subspace Spectral Subtraction Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical	babble	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE-SPU	SSUB SSUB Wiener Wiener MMSE logMMSE logMMSE logMMSE logMMSE logMMSE stsa stsa klt klt ssub ssub ssub ssub ssub ssub ssub ssu	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Subspace Subspace Spectral Subtraction Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Subspace Subspace	babble	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE-SPU STSA-weosh kLT pkLT SSUB	SSUB SSUB Wiener Wiener MMSE logMMSE logMMSE logMMSE logMMSE logMMSE STSA STSA KLT KLT SSUB SSUB Wiener Wiener MMSE logMMSE logMMSE logMMSE STSA STSA KLT KLT SSUB SSUB SSUB Wiener Wiener MMSE logMMSE STSA STSA KLT KLT SSUB	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Subspace Subspace Spectral Subtraction Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Subspace Subspace Spectral Subtraction	babble	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE-SPU STSA-weosh kLT pkLT SSUB	SSUB SSUB Wiener Wiener MMSE logMMSE logMMSE logMMSE logMMSE logMMSE stsa stsa klt klt ssub ssub ssub ssub ssub ssub ssub ssu	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Subspace Subspace Spectral Subtraction Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Subspace Subspace	babble	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Paliwal2010	Comparative ev K.	SSUB MBAND RDC Wiener-as Wiener-wt MMSE MMSE-SPU logMMSE-SPU STSA-weosh kLT pkLT SSUB	SSUB SSUB Wiener Wiener MMSE logMMSE logMMSE logMMSE logMMSE logMMSE STSA STSA KLT KLT SSUB SSUB Wiener Wiener MMSE logMMSE logMMSE logMMSE STSA STSA KLT KLT SSUB SSUB SSUB Wiener Wiener MMSE logMMSE STSA STSA KLT KLT SSUB	Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Subspace Subspace Spectral Subtraction Spectral Subtraction Spectral Subtraction Weiner Weiner Statistical Subspace Subspace Spectral Subtraction	babble	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Paliwal2010	Comparative ev K.	PDC .	SSUB	Spectral Subtraction	babble	10
Paliwal2010 Paliwal2010	Comparative ev K.		Wiener	Spectral Subtraction Weiner	babble	10
Paliwal2010	Comparative ev K.		Wiener	Weiner	babble	10
Paliwal2010	Comparative ev K.		MMSE	Statistical	babble	10
Paliwal2010	Comparative ev K.		MMSE	Statistical	babble	10
Paliwal2010	Comparative ev K.		logMMSE	Statistical	babble	10
Paliwal2010	Comparative ev K.	-		Statistical	babble	10
Paliwal2010	Comparative ev K.	-		Statistical	babble	10
Paliwal2010	Comparative ev K.	-	-	Statistical	babble	10
Paliwal2010	Comparative ev K.	-		Statistical	babble	10
Paliwal2010	Comparative ev K.	-	-	Statistical	babble	10
Paliwal2010	Comparative ev K.	STSA-wcosh	STSA	Statistical	babble	10
Paliwal2010	Comparative ev K.	KLT	KLT	Subspace	babble	10
Paliwal2010	Comparative ev K.	pKLT	KLT	Subspace	babble	10
Paliwal2010	Comparative ev K.	SSUB	SSUB	Spectral Subtraction	babble	15
Paliwal2010	Comparative ev K.	MBAND	SSUB	Spectral Subtraction	babble	15
Paliwal2010	Comparative ev K.	RDC	SSUB	Spectral Subtraction	babble	15
Paliwal2010	Comparative ev K.		Wiener	Weiner	babble	15
Paliwal2010	Comparative ev K.		Wiener	Weiner	babble	15
Paliwal2010	Comparative ev K.		MMSE	Statistical	babble	15
Paliwal2010	Comparative ev K.		MMSE	Statistical	babble	15
Paliwal2010	Comparative ev K.	-	logMMSE	Statistical	babble	15
Paliwal2010	Comparative ev K.	-		Statistical	babble	15
Paliwal2010	Comparative ev K.	-	-	Statistical	babble	15
Paliwal2010	Comparative ev K.	-		Statistical	babble	15
Paliwal2010	Comparative ev K. Comparative ev K.	-		Statistical	babble	15 15
Paliwal2010 Paliwal2010	Comparative ev K.		STSA	Statistical Statistical	babble babble	15
Paliwal2010	Comparative ev K.		KLT	Subspace	babble	15
Paliwal2010	Comparative ev K.		KLT	Subspace	babble	15
Paliwal2010	Comparative ev K.		SSUB	Spectral Subtraction	babble	20
Paliwal2010	Comparative ev K.		SSUB	Spectral Subtraction	babble	20
Paliwal2010	Comparative ev K.		SSUB	Spectral Subtraction	babble	20
Paliwal2010	Comparative ev K.		Wiener	Weiner	babble	20
Paliwal2010	Comparative ev K.		Wiener	Weiner	babble	20
Paliwal2010	Comparative ev K.		MMSE	Statistical	babble	20
Paliwal2010	Comparative ev K.	MMSE-SPU	MMSE	Statistical	babble	20
Paliwal2010	Comparative ev K.	logMMSE	logMMSE	Statistical	babble	20
Paliwal2010	Comparative ev K.	logMMSE-SPU	logMMSE	Statistical	babble	20
Paliwal2010	Comparative ev K.	logMMSE-SPU	logMMSE	Statistical	babble	20
Paliwal2010	Comparative ev K.	logMMSE-SPU	logMMSE	Statistical	babble	20
Paliwal2010	Comparative ev K.	logMMSE-SPU	logMMSE	Statistical	babble	20
Paliwal2010	Comparative ev K.			Statistical	babble	20
Paliwal2010	Comparative ev K.		STSA	Statistical	babble	20
Paliwal2010	Comparative ev K.		KLT	Subspace	babble	20
Paliwal2010	Comparative ev K.	•	KLT	Subspace	babble	20
Paliwal2010	Comparative ev K.		SSUB	Spectral Subtraction	babble	25
Paliwal2010	Comparative ev K.		SSUB	Spectral Subtraction	babble	25
Paliwal2010 Paliwal2010	Comparative ev K. Comparative ev K.		SSUB Wiener	Spectral Subtraction Weiner	babble babble	25 25
Paliwal2010 Paliwal2010	Comparative ev K.		Wiener	Weiner	babble	25
Paliwal2010	Comparative ev K.		MMSE	Statistical	babble	25
Paliwal2010	Comparative ev K.		MMSE	Statistical	babble	25
Paliwal2010	Comparative ev K.		logMMSE	Statistical	babble	25
Paliwal2010	Comparative ev K.	-		Statistical	babble	25
Paliwal2010	Comparative ev K.	-	-	Statistical	babble	25
Paliwal2010	Comparative ev K.	-	-	Statistical	babble	25
Paliwal2010	Comparative ev K.	-		Statistical	babble	25
Paliwal2010	Comparative ev K.	STSA-weuclid	STSA	Statistical	babble	25
Paliwal2010	Comparative ev K.	STSA-wcosh	STSA	Statistical	babble	25
Paliwal2010	Comparative ev K.		KLT	Subspace	babble	25
Paliwal2010	Comparative ev K.		KLT	Subspace	babble	25
Paliwal2010	Comparative ev K.		SSUB	Spectral Subtraction	babble	30
Paliwal2010	Comparative ev K.		SSUB	Spectral Subtraction	babble	30
Paliwal2010	Comparative ev K.		SSUB	Spectral Subtraction	babble	30
Paliwal2010	Comparative ev K.		Wiener	Weiner	babble	30
Paliwal2010	Comparative ev K.		Wiener	Weiner	babble	30
Paliwal2010 Paliwal2010	Comparative ev K. Comparative ev K.		MMSE	Statistical	babble	30 30
	•		MMSE	Statistical	babble	30
Paliwal2010 Paliwal2010	Comparative ev K. Comparative ev K.	-	logMMSE	Statistical Statistical	babble babble	30
Paliwal2010 Paliwal2010	Comparative ev K.	-		Statistical	babble	30
Paliwal2010	Comparative ev K.	-	-	Statistical	babble	30
Paliwal2010 Paliwal2010	Comparative ev K.	-	-	Statistical	babble	30
Paliwal2010	Comparative ev K.	-		Statistical	babble	30
Paliwal2010	Comparative ev K.		STSA	Statistical	babble	30
Paliwal2010	Comparative ev K.		KLT	Subspace	babble	30
Paliwal2010	Comparative ev K.		KLT	Subspace	babble	30
Plourde2007	Further Analysis E.		MMSE	Statistical	white	0
Plourde2007	Further Analysis E.	MMSE-STSA	MMSE	Statistical	white	5
Plourde2007	Further Analysi: E.	MMSE-STSA	MMSE	Statistical	white	10
			NANACE	Ctatistical	bucaneer	0
Plourde2007	Further Analysi: E.	MIMSE-STSA	MMSE	Statistical	bucaneer	U

Plourde2007	Further Analysis E.   MMSE-STSA   MMSE	Statistical	bucaneer	5
Plourde2007	Further Analysis E.   MMSE-STSA   MMSE	Statistical	bucaneer	10
Plourde2007	Further Analysis E.   MMSE-logSTS, logMMSE	Statistical	white	0
Plourde2007	Further Analysis E.   MMSE-logSTS, logMMSE	Statistical	white	5
Plourde2007	Further Analysis E.   MMSE-logSTS, logMMSE	Statistical	white	10
Plourde2007	Further Analysis E.   MMSE-logSTS, logMMSE	Statistical	bucaneer	0
Plourde2007	Further Analysis E.   MMSE-logSTS, logMMSE	Statistical	bucaneer	5
Plourde2007	Further Analysis E.   MMSE-logSTS, logMMSE	Statistical	bucaneer	10
Plourde2007	Further Analysi: E.   beta-MMSA-S' MMSE	Statistical	white	0
Plourde2007	Further Analysi: E.   beta-MMSA-S' MMSE	Statistical	white	5
Plourde2007	Further Analysi: E.   beta-MMSA-S' MMSE	Statistical	white	10
Plourde2007	Further Analysi: E.   beta-MMSA-S' MMSE	Statistical	bucaneer	0
Plourde2007	Further Analysis E.   beta-MMSA-S' MMSE	Statistical	bucaneer	5
Plourde2007	Further Analysi: E.   beta-MMSA-S' MMSE	Statistical	bucaneer	10

SIR	CAD	SegSNR	DESOimn	DESOrow	MOSimn	MOSraw	STOlraw	STOlimn	WRR	WER	DDDimn	PRRraw
	SAR 4.84615385	-	PESQimp 0 28617646	PESQraw	MOSimp	MOSraw	STOIraw	STOlimp	VVNN	VVEN	PRRimp	rnniaw
	7.65384615											
	11.6923077											
8.90778819	15.5	3.15014164	0.4800777									
7.49228752	3.88461538	4.37393768	0.18536585									
	6.34615385											
	10.4230769											
9.27701396		2.40226629										
	4.92307692											
	7.76923077 11.7692308											
	15.5384615											
	6.19230769											
	8.65384615											
	11.3461538											
	13.2692308											
6.23082019	5.5	3.49008499	0.02438785									
	8.69230769											
	12.2692308											
	15.5384615											
	2.65384615 6.38461538											
	10.4230769											
	14.4230769											
	5.5724793											
9.02093601	8.41616099	4.1944444	0.47729592									
9.04448738	12.0612462	3.65277778	0.51096939									
8.98960428	14.8284018	2.6712963	0.49413265									
7.11748084	5.3816388	3.75	0.20790816									
	8.30165669											
	10.8779718											
	13.4161821											
7.19581017	7.80547139	3.83796296										
	11.6796285		0.32882653									
	15.2100195											
	1.33575691											
10.4778352	4.9427373	3.56481481	0.3380102									
10.7677062	8.5497177	2.80092593	0.3625									
10.0862148	12.2328444	1.96296296	0.33418367									
	2.59530421											
	6.5076294											
	10.3818498											
8.64492896	14.3703213											
			0.32877865 0.21842213									
			0.02707829									
			0.11378699									
			0.35894685									
		5.86512849	0.42027611									
		0.9537844	0.09593913									
			0.23947779									
			0.31537507									
			0.3259232									
			0.12127664 0.20315072									
			0.57042029									
			0.59184532									
			0.15507441									
		5.63685272	0.2309062									
			0.4929918									
			0.47089876									
			0.20459155									
			0.16798942 0.27829861									
			0.27829861 0.11666667									
			0.04131944									
			0.11545139									
			0.35850694									
			0.35607639									
			0.14340278									
			0.29045139									
			0.33541667									
			0.28923611									
			0.13246528 0.24305556									
			0.24305556									
			0.57604167									
			0.28072917									
			0.284375									
		9.31842203	0.55416667									

0.9 0.72	0.1
0.54	0.46
0.52	0.48
0.6	0.4
0.68	0.32
0.93	0.07
0.85	0.15
0.76	0.24
0.72	0.28
0.77	0.23
0.8	0.2
0.94	0.06
0.91	0.09
0.86	0.14
0.88	0.12
0.87	0.13
0.83	0.17
0.56	0.44
0.53	0.47
0.45	0.55
0.38	0.62
0.31	0.69
0.28	0.72
0.6	0.4
0.57	0.43
0.52	0.48
0.44	0.56
0.37	0.63
0.32	0.68
0.73	0.27
0.72	0.28
0.71	0.29
0.63	0.37
0.54 0.41	0.46 0.59 <b>1.126</b>
0	1.098
0	1.024
0.137	0.863
0.325	0.675 1.189 1.16
0	1.074
0.092	0.908
0.307	0.693
0	1.195 1.117
0	1.065
0.15	0.85
0.381	0.619
0 0	1.005 1.156 1.096
0.049	0.951
0.253	0.747
0	1.149
0	
0.042 0.232	1.093 0.958 0.768
	0.958
0.232 0.414 0	0.958 0.768 0.586 1.218
0.232 0.414 0 0 0.196 0.381 0.057 0.066 0.131	0.958 0.768 0.586 1.218 1.156 1.007 0.804 0.619 0.943 0.934 0.869
0.232 0.414 0 0 0 0.196 0.381 0.057 0.066	0.958 0.768 0.586 1.218 1.156 1.007 0.804 0.619 0.943 0.934
0.232 0.414 0 0 0 0.196 0.381 0.057 0.066 0.131 0.187 0.296	0.958 0.768 0.586 1.218 1.156 1.007 0.804 0.619 0.943 0.934 0.869 0.813 0.704
0.232	0.958
0.414	0.768
0	0.586
0	1.218
0	1.156
0.196	1.007
0.381	0.804
0.057	0.619
0.066	0.943
0.131	0.934
0.187	0.869
0.296	0.813
0.029	0.704
0.036	0.971
0.113	0.964

0.488 0.512 0.741 0.259 0.05 0.95 0.004 0.996 0.076 0.924 0.104 0.896 0.118 0.882 0.013 0.987 0.003 0.997 0.047 0.953 0.188 0.812 0.654 0.346 0.076 0.924 0.111 0.889 0.246 0.754 0.486 0.514 0.258 0.742 0.32040816 0.67959184 0.45918367 0.54081633 0.56040816 0.43959184 0.64857143 0.35142857 0.77918367 0.22081633 0.48040816 0.51959184 0.58 0.42 0.67959184 0.32040816 0.75959184 0.24040816 0.81020408 0.18979592 0.85918367 0.14081633 0.18 0.82 0.31061224 0.68938776 0.43959184 0.56040816 0.58979592 0.41020408 0.67959184 0.32040816 0.74979592 0.25020408 0.34 0.48040816 0.51959184 0.59959184 0.40040816 0.70897959 0.29102041 0.80040816 0.19959184 0.53102041 0.46897959 0.66979592 0.33020408 0.74979592 0.25020408 0.80040816 0.19959184 0.82979592 0.17020408 0.88040816 0.11959184 0.60122449 0.39877551 0.72040816 0.27959184 0.80040816 0.19959184 0.85102041 0.14897959 0.87061224 0.12938776 0.86897959 0.13102041 0.32040816 0.67959184 0.36938776 0.63061224 0.44122449 0.55877551 0.51959184 0.48040816 0.57020408 0.42979592 0.59959184 0.40040816 0.41020408 0.58979592 0.53918367 0.46081633 0.63061224 0.36938776 0.70897959 0.29102041 0.72040816 0.27959184

0.73020408 0.26979592

1.65932642 1.69170984 1.74352332 1.79533679 1.81476684 1 82124352 1.84715026 1.88601036 1.61111111 1.66161616 1.74368687 1.82575758 1.88257576 1.90782828 1.92676768 1.95833333

1.55569948

	2.00252525		
	1.62025316		
	1.67721519		
	1.72151899		
	1.77848101		
	1.83544304		
	1.86708861		
	1.89240506		
	1.91772152		
	1.91772152		
0.083	1.4416	0.121 <b>0.6664</b>	
0.2005			
	1.8194	0.1188 <b>0.7749</b>	
0.4858	1.8444	0.1582 0.7036	
0.5439	2.1628	0.1512	
0.2949	1.6535	0.0368 0.5822	
0.3494	1.9683	0.0406 <b>0.6967</b>	
0.1542	1.5128	0.0182 <b>0.5636</b>	
0.1808	1.7997	0.0219 0.678	
0.23	1.78	0.113	0.2541
0.06	1.61	0.0215	0.1626
0.06	1.61	0.0164	0.1575
0.46	2.01	0.1678	0.3089
0.23	1.78	-0.0534	0.0877
0.49	2.04	0.0899	0.231
0.59	2.14	0.1846	0.3257
0.58	2.13	0.1346	0.2757
0.41	1.96	0.1914	0.3325
0.39	1.94	0.1802	0.3213
0.56	2.11	0.1878	0.3289
0.1	1.65	0.1536	0.2947
0.56	2.11	0.1855	0.3266
0.6	2.15	0.2195	0.3606
0.62	2.17	0.064	0.2051
0.42	1.97	0.1815	0.3226
0.39	2.29	0.1472	0.3688
0.18	2.08	0.0328	0.2544
0.1	2	0.0267	0.2483
0.52	2.42	0.2105	0.4321
0.33	2.23	-0.054	0.1676
0.51	2.41	0.1053	0.3269
0.67	2.57	0.2249	0.4465
0.64	2.54	0.1789	0.4005
0.52	2.42	0.207	0.4286
0.32	2.42	0.207	0.422
0.43	2.53	0.2004	0.4298
	2.33		
0.25	2.15	0.1496 0.2073	0.3712 0.4289
0.63	2.52	0.2392	0.4608
0.7	2.6	0.0908	0.3124
0.38	2.28	0.1814	0.403
0.46	2.72	0.1325	0.4625
0.32	2.58	0.0484	0.3784
0.15	2.41	0.035	0.365
0.53	2.79	0.2152	0.5452
0.38	2.64	-0.034	0.296
0.48	2.74	0.1061	0.4361
0.67	2.93	0.2219	0.5519
0.62	2.88	0.1774	0.5074
0.58	2.84	0.1904	0.5204
0.55	2.81	0.1887	0.5187
0.64	2.9	0.2036	0.5336
0.28	2.54	0.1311	0.4611
0.62	2.88	0.213	0.543
0.61	2.87	0.2179	0.5479
0.71	2.97	0.0976	0.4276
0.38	2.64	0.1565	0.4865
0.55	3.17	0.113	0.5661
0.35	2.97	0.0675	0.5206
0.2	2.82	0.0451	0.4982
0.5	3.12	0.1783	0.6314
0.45	3.07	-0.0114	0.4417
0.43	3.05	0.0973	0.5504
0.63	3.25	0.1821	0.6352
0.55	3.17	0.1516	0.6047
0.59	3.21	0.1189	0.572
0.58	3.2	0.1146	0.5677
0.63	3.25	0.143	0.5961
0.26	2.88	0.0842	0.5373
0.58	3.2	0.1682	0.6213
0.58	3.2	0.165	0.6181
0.72	3.34	0.0654	0.5185
0.4	3.02	0.1105	0.5636

0.61	3.58	0.0757	0.6352
0.24	3.21	0.0493	0.6088
0.24	3.21	0.0615	0.621
0.46	3.43	0.1224	0.6819
0.48	3.45	0.0028	0.5623
0.36	3.33	0.0772	0.6367
0.61	3.58	0.1208	0.6803
0.48	3.45	0.1098	0.6693
0.57	3.54	0.0581	0.6176
0.55	3.52	0.0511	0.6106
0.58	3.55	0.0903	0.6498
0.29	3.26	0.0641	0.6236
0.54	3.51	0.107	0.6665
0.54	3.51	0.0957	0.6552
0.69	3.66	0.0463	0.6058
0.43	3.4	0.0644	0.6239
0.59	3.9	0.041	0.6883
0.07	3.38	0.0188	0.6661
0.27	3.58	0.0532	0.7005
0.41	3.72	0.0746	0.7219
0.48	3.79	-0.0114	0.6359
0.3	3.61	0.0484	0.6957
0.56	3.87	0.0614	0.7087
			0.7087
0.4	3.71	0.0652	
0.49	3.8	0.0101	0.6574
0.47	3.78	0.0012	0.6485
0.51	3.82	0.0409	0.6882
0.29	3.6	0.0343	0.6816
0.47	3.78	0.0494	0.6967
0.48	3.79	0.0391	0.6864
0.61	3.92	0.0166	0.6639
0.42	3.73	0.0179	0.6652
0.48	4.12	0.025	0.7302
-0.15	3.49	-0.0246	0.6806
0.29	3.93	0.0354	0.7406
0.35	3.99	0.0434	0.7486
0.39	4.03	-0.0132	0.692
0.23	3.87	0.0313	0.7365
0.45	4.09	0.0168	0.722
0.32	3.96	0.032	0.7372
	3.99		
0.35		-0.0254	0.6798
0.34	3.98	-0.0267	0.6785
0.39	4.03	0.0032	0.7084
0.26	3.9	0.0105	0.7157
0.38	4.02	0.0086	0.7138
0.38	4.02	0.0041	0.7093
0.46	4.1	0.0042	0.7094
0.35	3.99	-0.0074	0.6978
-0.07	1.68	0.0053	0.248
0.25	2	0.0676	0.3103
-0.01	1.74	0.0344	0.2771
0.11	1.86	0.0745	0.3172
-0.41	1.34	0.0215	0.2642
0.19	1.94	0.0485	0.2912
0.17	1.92	0.0906	0.3333
0.19	1.94	0.0818	0.3245
0.02	1.77	0.0549	0.2976
0.02	1.78	0.0546	0.2973
0.03	1.81	0.0657	0.3084
-0.19	1.56	0.0498	0.3084
0.17	1.92	0.0858	0.3285
0.11	1.86	0.0697	0.3124
-0.05	1.7	0.0324	0.2751
-0.31	1.44	0.083	0.3257
0.38	2.13	0.0066	0.3398
0.61	2.36	0.0868	0.42
0.38	2.13	0.0467	0.3799
0.49	2.24	0.0735	0.4067
0.13	1.88	0.029	0.3622
0.53	2.28	0.0555	0.3887
0.54	2.29	0.0941	0.4273
0.56	2.31	0.0846	0.4178
0.44	2.19	0.0443	0.3775
0.44	2.19	0.0443	0.3753
0.48	2.23	0.0637	0.3969
0.32	2.07	0.0542	0.3874
	2.29	0.0909	0.4241
0.54	2.22	0.0635	0.3967
0.47			0.2557
0.47 0.41	2.16	0.0225	0.3557
0.47		0.0225 0.0782	0.3337
0.47 0.41	2.16		

0.1	2.52					0.0511	0.504
0.1	2.53					0.0511	0.504
0.18	2.61				(	0.0562	0.5091
-0.05	2.38					0.023	0.4759
0.21	2.64				(	0.0505	0.5034
0.25	2.68				(	0.0719	0.5248
0.24	2.67				(	0.0659	0.5188
0.16	2.59					0.0377	0.4906
0.17	2.6				(	0.0287	0.4816
0.19	2.62				(	0.0609	0.5138
0.1	2.53					0.039	0.4919
0.24	2.67				(	0.0703	0.5232
0.18	2.61				(	0.0532	0.5061
0.15	2.58					0.0151	0.468
-0.01	2.42				(	0.0662	0.5191
0.2	2.97				_(	0.0303	0.5346
0.21	2.98					0.039	0.6039
0.14	2.91					0.054	0.6189
0.2	2.97				(	0.0469	0.6118
0.07	2.84				(	0.0068	0.5717
0.2	2.97				(	0.0485	0.6134
0.27	3.04					0.04	0.6049
0.25	3.02				(	0.0532	0.6181
0.22	2.99				(	0.0031	0.568
0.22	2.99				(	0.0027	0.5676
0.24	3.01				(	0.0305	0.5954
0.16	2.93				(	0.0347	0.5996
0.26	3.03				(	0.0346	0.5995
0.21	2.98					0.0207	0.5856
0.21	2.98				-(	0.0042	0.5607
0.11	2.88				(	0.0391	0.604
0.26	3.36				-(	0.0411	0.6105
0.11	3.21				-(	0.0056	0.646
0.17	3.27					0.0342	0.6858
0.21	3.31				(	0.0127	0.6643
0.17	3.27				-(	0.0031	0.6485
0.18	3.28					0.0236	0.6752
0.28	3.38				(	0.0029	0.6545
0.23	3.33				(	0.0222	0.6738
0.24	3.34					0.0256	0.626
0.24	3.34				-(	0.0293	0.6223
0.25	3.35				-(	0.0025	0.6491
0.18	3.28					0.0158	0.6674
0.26	3.36				(	0.0019	0.6535
0.22	3.32				-(	0.0163	0.6353
	3.35						
0.25						0.0259	0.6257
0.18	3.28				(	0.0098	0.6614
0.26	3.69				-(	0.0454	0.6662
-0.06	3.37					0.0429	0.6687
0.17	3.6				(	0.0148	0.7264
0.2	3.63					-0.001	0.7106
0.21	3.64						0.6832
						0.0284	
0.15	3.58				-(	0.0015	0.7101
0.26	3.69				-(	0.0244	0.6872
0.19	3.62						0.7056
						-0.006	
0.21	3.64				-(	0.0508	0.6608
0.21	3.64				-(	0.0503	0.6613
0.23	3.66					0.0272	0.6844
0.16	3.59					0.0047	0.7069
0.22	3.65				-(	0.0236	0.688
0.2	3.63					0.0426	0.669
0.25	3.68					0.0382	0.6734
0.2	3.63				-(	0.0123	0.6993
0.2	3.94				-(	0.0344	0.7024
-0.27	3.47					0.0529	0.6839
0.15	3.89				(	0.0045	0.7413
0.15	3.89					0.0108	0.726
0.18	3.92					-0.024	0.7128
0.1	3.84				-(	0.0003	0.7365
0.2	3.94					0.0212	0.7156
0.14	3.88						
						-0.006	0.7308
0.14	3.88				-(	0.0432	0.6936
0.14	3.88				-0	0.0428	0.694
0.16	3.9					0.0245	0.7123
0.12	3.86				-(	0.0059	0.7309
0.17	3.91					0.0195	0.7173
0.15	3.89					0.0347	0.7021
0.2	3.94				-(	0.0299	0.7069
0.15	3.89					0.0037	0.7331
		0.4	2.1				2., 551
0.1	1.39	0.4	2.1				
0.23	1.6						
0.25	1.83						
0.17	1.46	0.6	2.4				
0.17	1.40	0.0	4.4				

0.23	1.67		
0.24	1.91		
0.15	1.44	0.8	2.5
0.33	1.7		
0.37	1.95		
0.24	1.53	1	2.8
0.34	1.78		
0.36	2.03		
0.18	1.47	1	2.7
0.35	1.72		
0.38	1.96		
0.28	1.57	0.7	2.5
0.37	1.81		
0.36	2.03		