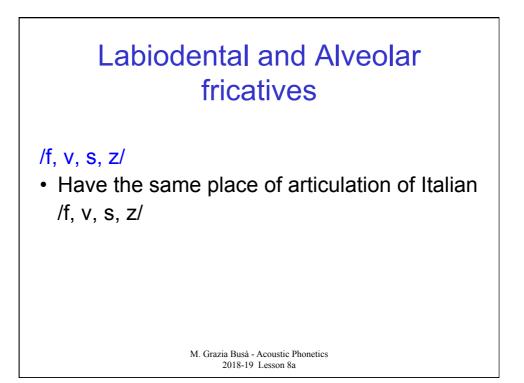


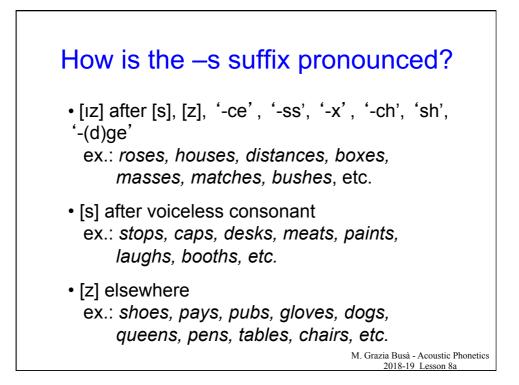
English fricative	consonants
--------------------------	------------

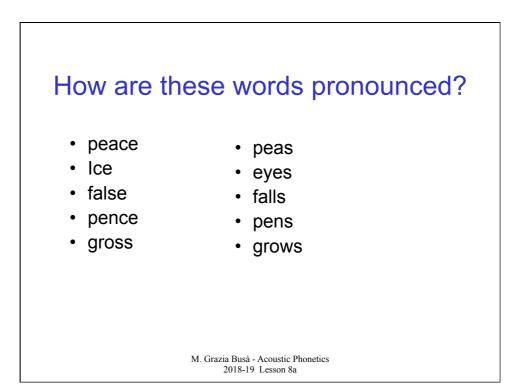
		Bila bial	Labi- dental	Inter- dental	Alveo Iar	Post- Alveo Iar	Pala tal	Velar	Glottal
Stop	vl. vd.	[p] [b]			[t] [d]			[k] [g]	
Affricate	vl. d.					[tʃ] [d3]			
Fricative	vl. vd.		[f] [v]	[θ] [δ]	[s] [z]	[ʃ] [3]			[h]
Nasal		[m]			[n]			[ŋ]	
Approx.		[w]			[1]	[r]	[j]		

	เส	lan	fric	auv	e cc	msc	ma	ms	
Italian Co	nson	ants							
		Bila bial	Labi- dental	Dental	Alveo Iar	Post- Alveo Iar	Pala tal	Velar	Glottal
Stop	vl. vd.	[p] [b]			[t] [d]			[k] [g]	
Affricate	vl. d.					[t∫] [d3]			
Fricative	vl. vd.		[f] [v]		[s] [z]	[ʃ] [3]			
Nasal		[m]			[n]		[ɲ]		
Approx.		[w]			[1]	[r]	[j]		

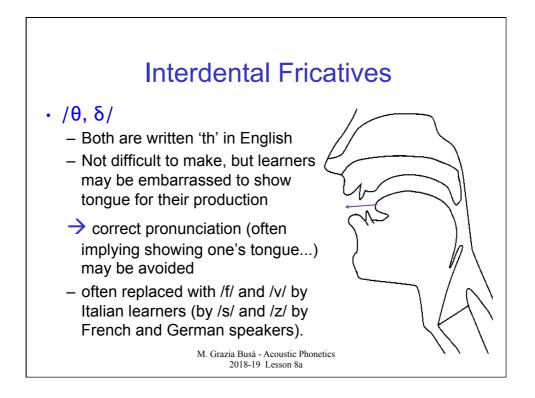


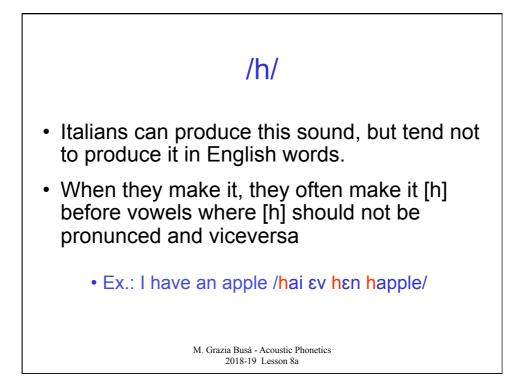


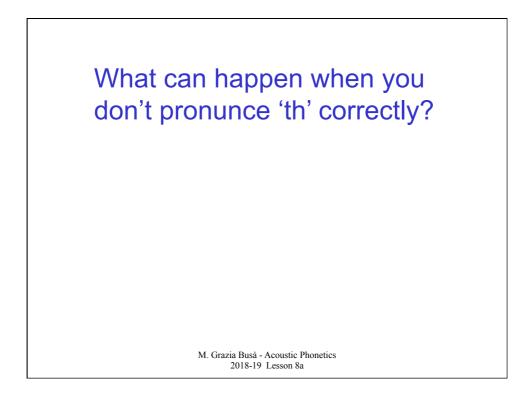




How	is the –s suffix pro in these words	
 rib friend bid whale cigar hen bush stove 	 bucket bucket pump regret kiss tip bag mask author smoke wrapping plan dean phone creation typo cusin M. Grazia Busà - Acoustic Phonetics 	 fly pea apple lemon glass beer job option complaint













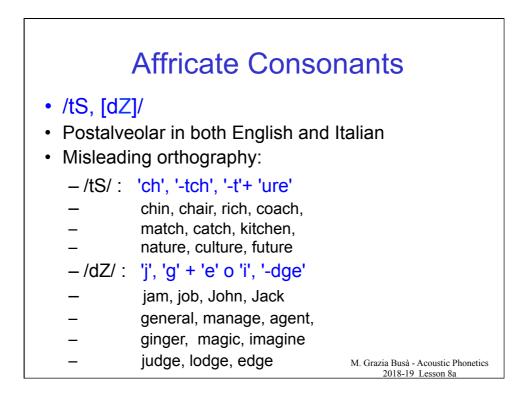
• The release can be:

 With a burst: when the release of the articulatory muscles is very abrupt. Ex. [p, t, k] in italian.

- unexploded: the release is not abrupt. Typical of English word final position: es. [kip']
- aspirated: the release occurs with a puff of air.
 Typical of English. Ex.: [pʰɛn]

 delayed: the release is very slow and the air comes out with friction. Gives rise to affricated consonants: [pf, ts, ks, ecc.]

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English and Italian Nasal sounds

• /m/

- is similar to Italian /m/

• /n/

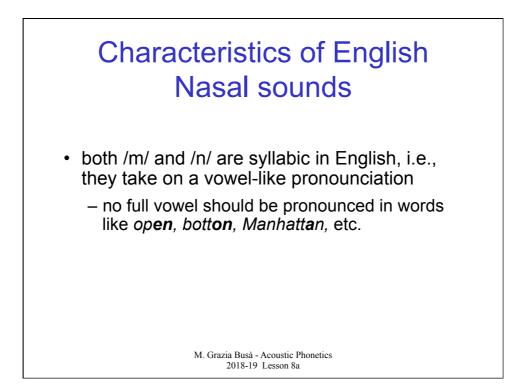
- is alveolar in English and dental in Italian

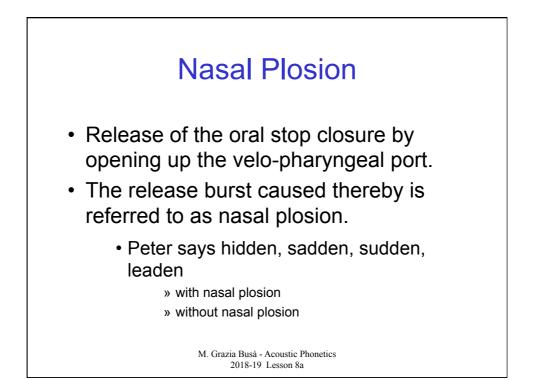
• /ŋ/

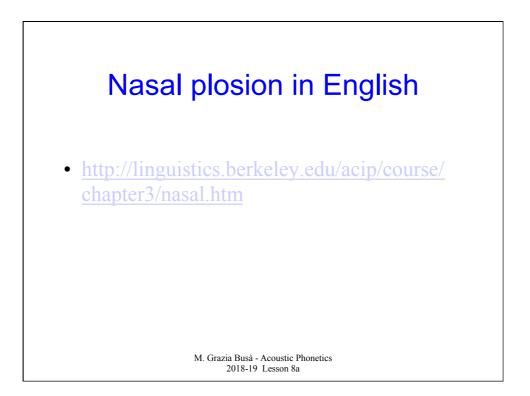
 has no parallel in Italian. It is a velar nasal in English, Italians tend to produce it as a sequence of /n/ + /g/

• /[ɲ]/

- Italian palatal nasal, not present in English M. Grazia Busà - Acoustic Phonetics 2018-19 Lesson 8a







Approximants

- Approximants are produced when by the vocal organs are close enough to create an audible turbolence, but without any friction.
- All approximants are voiced.
- As they are relatively open, they are also vowel-like, and the vocal organs regularly adopt the position of the following vowel when the approximant is being formed.

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		Eng	glish	ap	orox	kima	nts	5	
English C									
		Bila bial	Labi- dental	Inter- dental	Alveo Iar	Post- Alveo Iar	Pala tal	Velar	Glottal
Stop	vl. vd.	[p] [b]			[t] [d]			[k] [g]	
Affricate	vl. d.					[tʃ] [d3]			
Fricative	vl. vd.		[f] [v]	[θ] [ð]	[s] [z]	[ʃ] [3]			[h]
Nasal		[m]			[n]			[ŋ]	
Approx.		[w]			[1]	[r]	[j]		

11

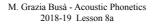
		Bila bial	Labi- dental	Inter- dental	Alveo Iar	Post- Alveo Iar	Pala tal	Velar	Glottal
Stop	vl. vd.	[p] [b]			[t] [d]			[k] [g]	
Affricate	vl. d.					[tʃ] [d3]			
Fricative	vl. vd.		[f] [v]	[θ] [ð]	[s] [z]	[ʃ] [3]			[h]
Nasal		[m]			[n]			[ŋ]	
Approx.		[w]			[1]	[r]	[j]		

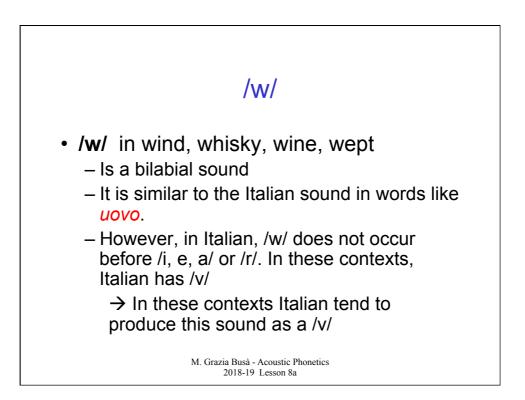
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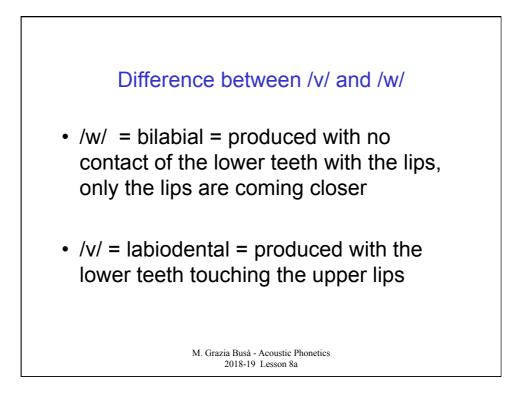
		Ita	lian	app	rox	ma	nts		
Italian Co	nson	ants							
		Bila bial	Labi- dental	Dental	Alveo Iar	Post- Alveo Iar	Pala tal	Velar	Glottal
Stop	vl. vd.	[p] [b]		[t] [d]				[k] [g]	
Affricate	vl. d.					[tS] [dZ]			
Fricative	vl. vd.		[f] [v]	[θ] [δ]	[s] [z]	[S] [Z]			[h]
Nasal		[m]		[n]			[ɲ]		
Approx.		[w]			[1]	[r]	[j]		

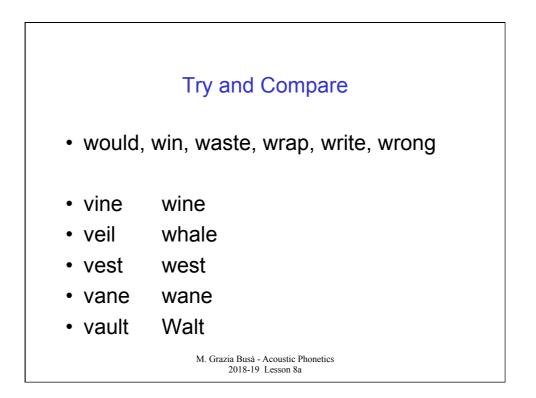


 In all of these sounds there is very little contact of the tongue with the palate (the articulators come close but do not really touch)







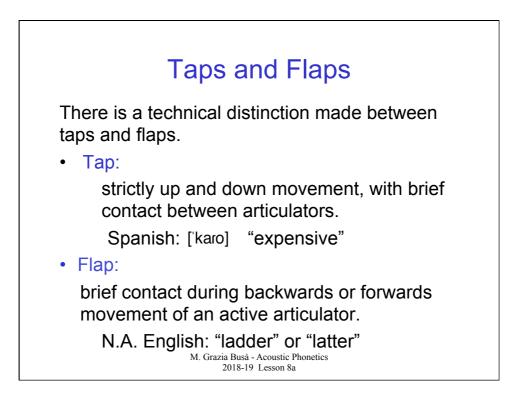


/r/

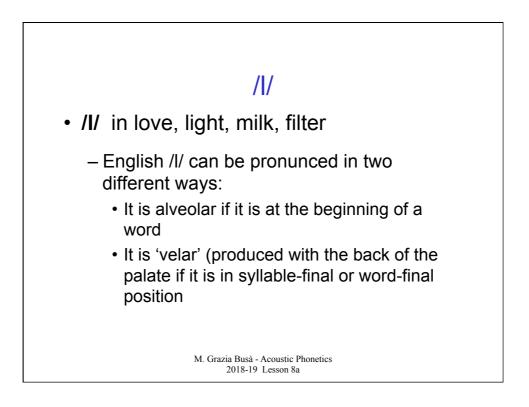
- /r/ in right, ring, rose, ready
- In English, this sound is post-alveolar and not a vibrant
 - the tongue is pushed back and low and does not touch the palate, while the lips come close together
- In Italian, this consonant is produced by rolling the tongue against the palate and letting it vibrate by letting the air passing through it

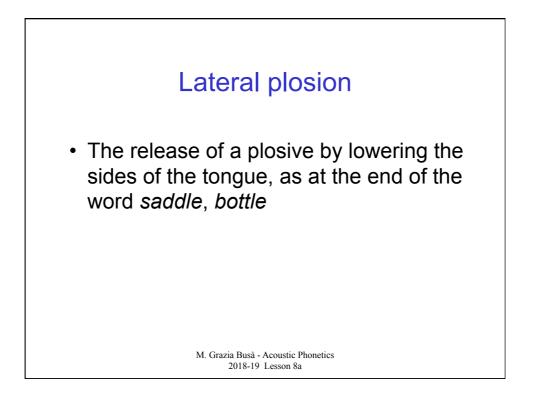
 can be a monovibrant or a plurivibrant (alveolar trill)

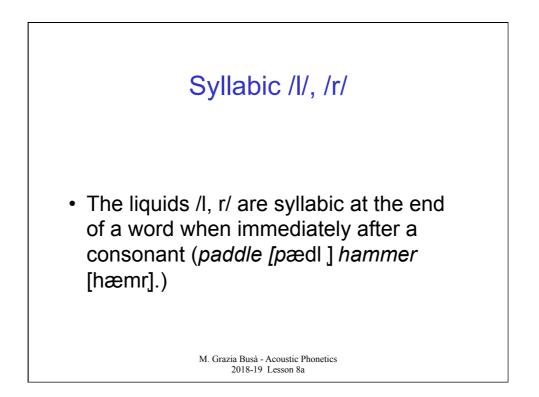
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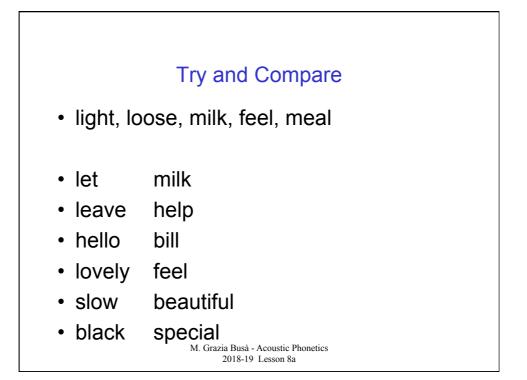


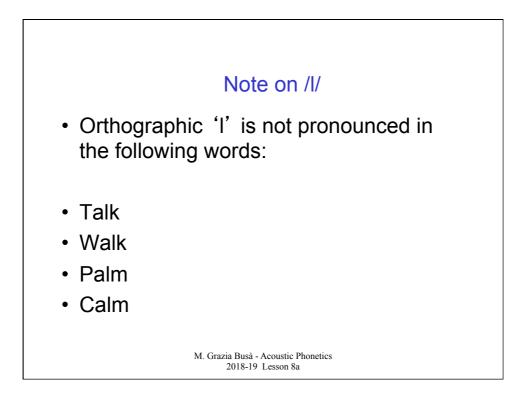














 Orthographic 't' or 'tt' occurring after a stressed vowel sound in a multi-syllable word is produced with a very short contact of the tip of the tongue and the front palate

 This sound is similar to some forms of our Italian /r/ in words like 'caro', 'vero'

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