

# Bengali consonants, IPA

	Bilabial		Labio-dental		Denti-alveolar		Retroflex		Alveolo-palatal		Velar		Glottal	
Plosive	p	b			t̪	d̪	ʈ	ɖ			k	g		
Aspirated plosive	pʰ	bʱ			t̪ʰ	d̪ʱ	ʈʰ	ɖʱ			kʰ	gʱ		
Affricate									t͡ɕ	d͡ʒ				
Aspirated affricate									t͡ɕʰ	d͡ʒʱ				
Fricative	(ɸ)	(β)	(f)	(v)	s	(z)	ʂ		ɕ				(h)	ɦ
Trill						(r)								
Tap						ɾ		ɽ						
Nasal		m				n		ɳ		ɲ		ŋ		
Approximant		(w)				(ɻ)		(ɻ)		(j)				
Lateral approximant						l								

- Where symbols appear in pairs, the one to the right represents a voiced consonant.
- Where symbols appear singly, they are placed to the left within their column if they represent a voiceless consonant; to the right if they represent voiced.
- Symbols enclosed in brackets represent non-phonemic consonants.
- Blacked-out cells indicate phones judged to be impossible.
- The alveolo-palatal column is a mixture of alveolo-palatal phones (affricates); post-alveolar phones (fricative [ʂ]); and palatal phones (nasal [ɲ] and approximant [j]).



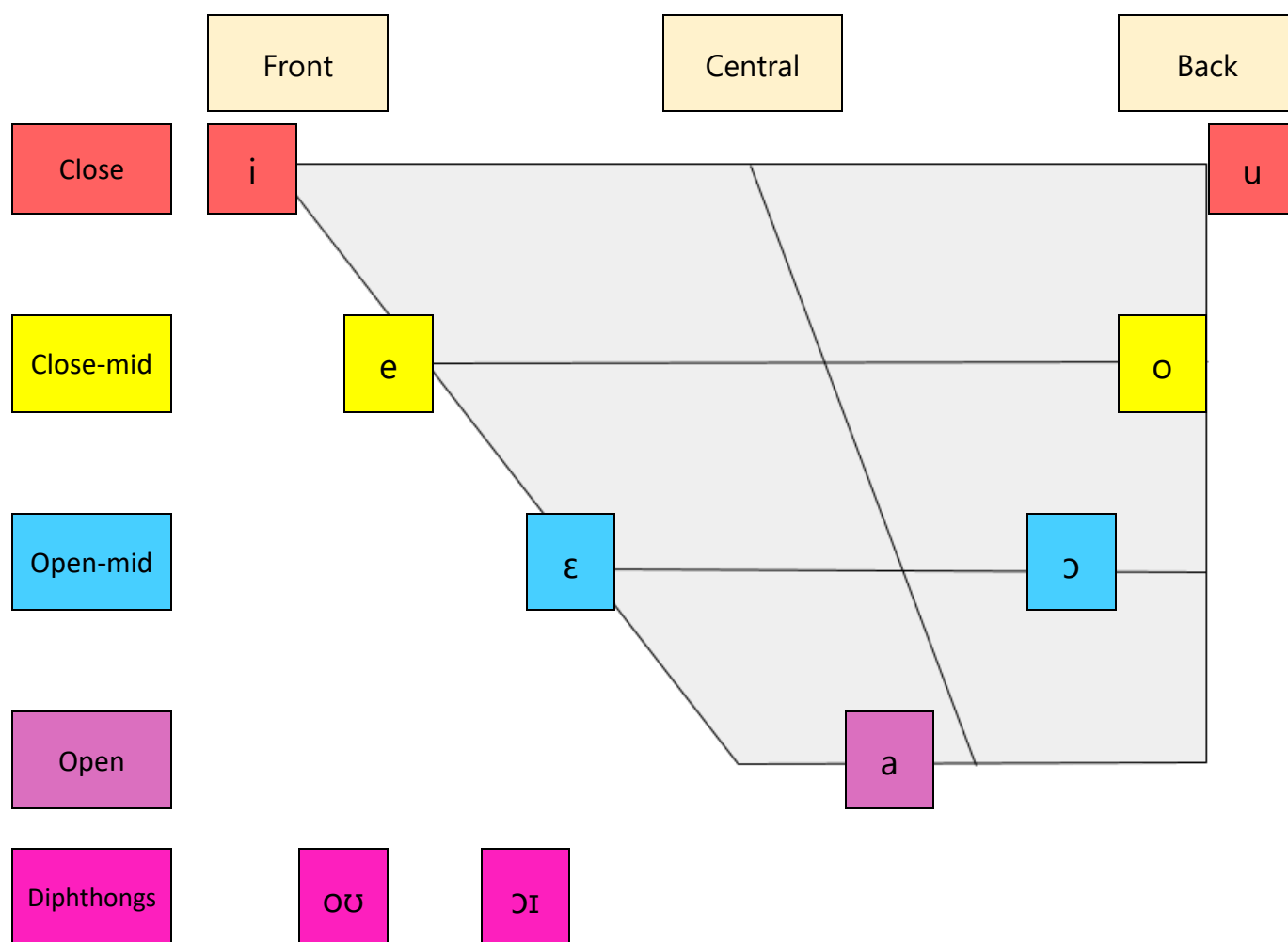
# Bengali consonants, Brahmi script

	Bilabial		Labio-dental		Denti-alveolar		Retroflex		Alveolo-palatal		Velar		Glottal	
Plosive	প	ব			ত	দ	ট	ড			ক	গ		
Aspirated plosive	ফ	ভ			থ	ধ	ঠ	ঢ			খ	ঘ		
Affricate									চ	জ				
Aspirated affricate									ছ	ঝ				
Fricative	(ফ)	(ভ)	(ফ)	(ভ)	স	(স)	শ		ষ				(হ)	হ
Trill						(র)								
Tap						র		ড়						
Nasal		ম				ন		ণ		ঞ		ঙ		
Approximant		(ৱ)				(ৱ)		(ড়)		(য়)				
Lateral approximant						ল								

- Symbols enclosed in parentheses represent non-phonemic consonants.



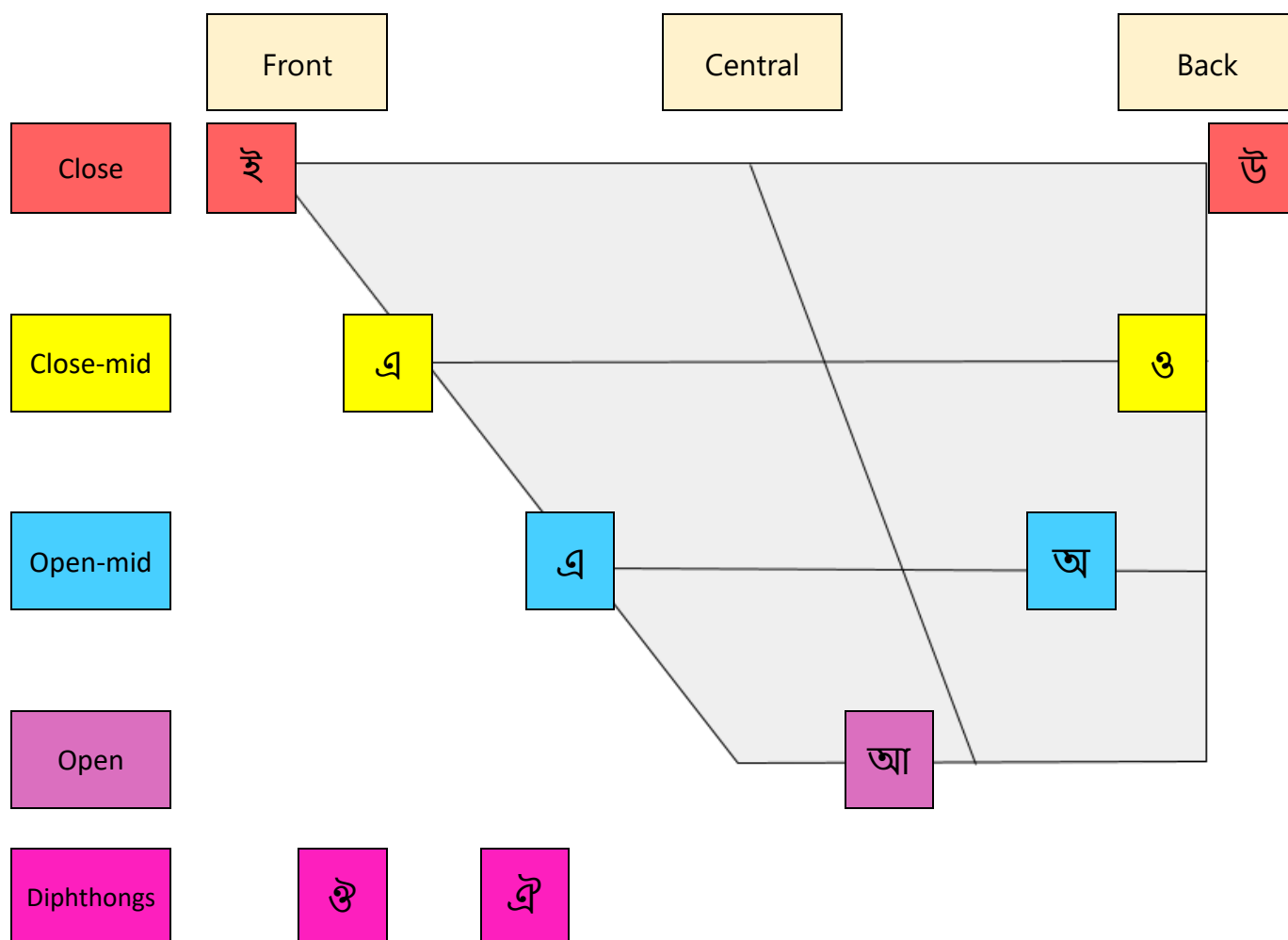
# Bengali vowels, IPA



- Where symbols appear in pairs, the one to the right represents a rounded vowel.
- All back vowels are rounded; others are unrounded.
- The two diphthongs are those which have a character assigned to them in Brahmi script; the total number is much higher—between 17 and 31, according to Wikipedia.



# Bengali vowels, Brahmi script



- Where symbols appear in pairs, the one to the right represents a rounded vowel.
- All back vowels are rounded; others are unrounded.
- The diphthongs ঔ [ɔʊ] and ঐ [ɔɪ] are those which have a character assigned to them in Brahmi script; the total number is much higher—between 17 and 31, according to Wikipedia.



# References

Bengali alphabet. (2022). In *Wikipedia*.

[https://en.wikipedia.org/w/index.php?title=Bengali\\_alphabet&oldid=1093612380](https://en.wikipedia.org/w/index.php?title=Bengali_alphabet&oldid=1093612380)

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