The Myth of Reference Varieties in English Pronunciation across the Subcontinent, Egypt and Kingdom of Saudi Arabia

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Abstract

The present study aims at exploring the differences in pronunciation more or less prevailing in the Indian Subcontinent and Arab world with a special focus on Pakistan, India, Bangladesh, Saudi Arabia, and Egypt. The study identifies the most common factors that affect English pronunciation in general: (i) some phonemic differences that exist in L1 and English as a target language, (ii) Improper teaching and learning of English pronunciation. When non-native speakers of English exchange their ideas among themselves, their comprehension is to the maximum. But their pronunciation seems problematic in case the speaker or interlocutor is a native speaker. A test for the nationals of the lands included in the study was developed and administered to identify and specify the exact area(s) of pronunciation difficulties either consonants or vowels at segmental level of phonology. The analysis and conclusion of the test fully proved that English pronunciation is deeply influenced by the sound system of indigenous languages. As a matter of fact, English pronunciation of some non-native speakers, through their best possible efforts, may be closer to native speakers but not exactly like that of natives. The fact is that native and non-native differences in English pronunciation are unquestionable. Moreover, non-natives living in different areas (sometimes of the same community) also differ more or less in their pronunciation.

Keywords: reference varieties, English phonemic differences, segmental phonology, native and non-native, sound system, first language, second language, accent, variation

1. Introduction

Phonology both at segmental and supra-segmental levels is a complex phenomenon especially for non-native speakers of English which invites our attention to address the issue at all levels, particularly, in the context when a speaker and a listener experience intelligibility problems. Production and perception of sounds are the most important aspects towards a successful communication. A never ending research on English(es) of the world and its variety is going on but the findings are always divergent. A crystal clear fact is that the environment of education is the most vital factor towards the standard of non-native English and especially accent and pronunciation. But this does not solve all the problems related to non-native English accent. A plethora of research in the area of intelligibility at international level exists but all this could not put forward any solution to the problem of unintelligible varieties of English pronunciation. The researchers who oppose non-native English teachers and appreciate only native English teachers worldwide are actually ignoring the ground realities and no doubt their intentions are just sweeping statements. In fact the provision of native English teachers all over the world is not only difficult but impossible. The questions arise: (i) how many countries in the world are there which may financially afford native English teachers?; (ii) how many native English teachers are available to meet the world demand?; (iii) who will guarantee a single standard of English throughout the world?

Another important aspect of the problem is that even in America and UK, the variety of English accent and pronunciation is ever growing regionally and from one social class to the other. So the communication and comprehension within native English speaking world is not problem-free. The differences between native and non-native English speakers are obvious and natural that cannot be avoided. This does not mean that non-native English speakers' pronunciation should always go unchecked and diverged. The novel idea is that there cannot be a single standard of the world English(es) and its/their pronunciation. Again the question arises: whose English and which English should be determined as a 'standard'? The problems of intelligibility multiply when

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inevitable varieties of English across the globe are taken into account. If both 'purists' and 'moderates' ideas are accepted in their own right then native and non-native speakers and teachers should be given due consideration to promote a balanced approach instead of exaggeration in one or the other way. Here the important point is that variation in any language is a natural phenomenon which cannot be checked through man-made boundaries and limitations.

Another interesting trend is observed that a non-native English speaker tries his best to ignore his local accent and master native-like accent and the motive behind this effort may be employment, higher education, social status, so on and so forth. But even then he may not speak exactly like natives. The fact is that no speaker of the outer circle speaks RP and that even if he did, the speaker would definitely lack manners distinct of a native speaker of English language (Kachru, 1986, pp. 31-44). Obviously realizing the status of native accent in English speaking world, maximum students at college and university levels in the Subcontinent and Arab world prefer to use native varieties at the expense of their local varieties. However, the general atmosphere in the non-native milieu of that of acceptance of the local varieties and those who appreciate native-like pronunciation, are regarded as the exception rather than the rule. In a nutshell the problem of unintelligibility may be minimized if non-native English teachers and learners worldwide put in practice an approach of convergence from the very beginning. But this needs highly qualified and well trained English teachers at all levels.

1.1 Conceptual Framework

Generally British English and American English are regarded two main native varieties and these two can be the model for other varieties but this directly undermines and negates non-native speakers' cultural and sociolinguistic realities. The proponents of the Romantic Model (Prator, 1968, pp. 458-75; Quirk, 1990, pp. 5-15) are of the view that English as an international language should enjoy monolithic status. But on the other hand (Kachru, 1996, p. 241-250) emphasizes that the global spread of English language needs to be seen with multi-identities and in its regional and social context. The non-native varieties make English language more colourful and prove identity of various communities. The present situation demands reasonable tolerance on the part of the purists.

Moreover, Kachru is apt in saying that English as an international language should not be seen as the sole property of native English speakers. In the present era the number of non-native English speakers all over the world exceeds the number of native speakers. Kachru's idea has also been supported by (Pakir, 2010, p.109). She highlighted two distinctive factors of the global spread of English: firstly, "we have to place the English language in its regional and social context" and secondly "we have to accept the inevitable pluri-centricity of English instead of due-centricity viz the British and the American centres of linguistic hegemony". It means that the researchers who always favour only native speakers and teachers need to see the overall situation through the glasses of reality in its true perspective.

Moreover, Bamgbose (1998, pp. 3-14), commented that Quirk and Kachru were engaged in battle royal on Standard English as a norm for the English using world". Quirk favoured a global standard which he thought would guarantee international intelligibility whereas Kachru appreciated the legitimacy and equality of Englishes in different circles. Simo Bobda (2000, pp. 249-265) reported how in South Africa, the increasing divergence of South African Black English from the native English norms had taken place. Unfortunately despite the consensus by a majority of scholars that it is unrealistic to impose native norms in non-native settings, some conservatives still have the idea that British and American English should be used in non-native environment. Quirk, (1990, pp. 3-10) raises concerns about native and non-native variation: (i) this variation in pronunciation will wet up barriers to communication and (ii) "we won't be able to breakdown these barriers to careers and social mobility". On the other hand Stefan, (2008, pp. 9-29) thinks English the barrier and mobility as a prejudice against regional varieties. Kachru, (1992, pp. 4-12) as quoted by Pakir, (2010, pp. 109) reiterates that in fact the concept of intelligibility is a two sided issue where the native and non-native speaker were seen as equal partners in the communication process.

In addition to this, different studies on pedagogical problems exist: "The teacher's dilemma" (Platt et al., 1984), "World Englishes: to teach or not to teach" (Brown, 1977, pp. 179-190), "Torn between the norms" (Bamgbose, 1998, pp. 27-35), and so on. The researchers that oppose non-native teachers, give the argument that if native models and teachers are used in the non-native environment, this will add to the degree of intelligibility worldwide. On the other hand the presence of a non-native teacher will lead to the dissemination of local features and the dream of mutual intelligibility across the globe will be hindered. But such views have been rejected by some scholars advancing the argument that the use of native model in a non-native setting will definitely ignore the sociolinguistic and cultural realities of the non-native English learner. Moreover, Prator, (1968, pp. 458-75)

and Chevillet, (1993, pp. 29-37); Christoperson, (1992, pp. 15-19); House, (1999, pp. 73-89) and Jenkins, (2000, pp. 39-47) are of the view that non-native speakers are not qualified to teach English language. The debates on "Non-native teachers teaching pronunciation" and "Native English teachers teaching pronunciation" are going side by side but all in vain. Simo Bobda, (1995, pp. 247-269) advances the idea that there are economic benefits in maintaining native model of English as the sole norm. It is Britain and America who can enjoy selling their English teachers and material unchallenged. In addition to this he quotes Sir Richard Francis, Director General of the British Council who comments that "Britain's real black gold is not the north sea oil but the English language". Similarly, the Director of the International House in London writes "once we used to send gunboats and diplomats abroad; now we are sending English teachers".

Now the real motive behind this issue is crystal clear and the point to be noted is that crucial to the problems faced by non-native speakers of English are the natives' attitude towards these new English varieties. Mc Arthur, (1992, pp. 12-18); Peter, (2003, pp. 43-46); Widdowson, (1997, pp. 133-141); Kershaw, (1996, pp. 7-11); Parrot, (1998, pp. 20-23) and Gnutzmann, (2000, pp. 355-361), are of the view that actually language is closely bound up with certain cultural and social identities and attitudes and certainly both native and non-native English speakers encounter varying attitudes towards varieties of a language. Realizing this fact, natives' idea of linguistic hegemony can be changed into positive attitude towards non-native varieties particularly in pronunciation and accent in general. The idea of variation in accent can further be strongly underpinned by the unquestionable reality of the Qur'anic accent where all tribes were unable to recite the Holy Qur'an in a single accent so in the beginning, recitation of the Word of Allah was allowed in seven accents. This regional variation in a language is some sort of natural phenomenon and beyond human control. Whatever the language is and whatever learner's commitment is, he cannot be exactly a native speaker, however, he can be 'closer to' or 'like' a native speaker. Again it is worth noting that pronunciation and general accent is not the preserve of only non-native varieties of English language. Being a natural linguistic phenomenon, even in the native environment like Britain and the USA, there are noticeable regional and social accents that often cause intelligibility problems which further goes down to 'idiolect' (for details see Wells, (1985, pp. 54-68); Crystal, (1999, pp. 10-20); Trask, (2001, pp. 35-73), Algeo, (1991, p. 254) and Brown, (1968, pp. 179-90. Roach, (2009, p. 163), comments on the issue go like, "It is all too easy to talk about such things as 'Scottish English', 'American English', and so on, and to ignore the variety that inevitably exists within any large community of speakers. Each individual's speech is different from any others ... the idea of a standard pronunciation is a convenient fiction, not a scientific fact. In a word both native and non-native English speakers need to compromise with maximum convergence and minimum divergence.

1.2 Objectives

Objectives of the study are to:

- (i) determine how native and non-native English speaker differ in pronunciation,
- (ii) identify the causes of difference in non-native English pronunciation,
- (iii) clarify whether the slight variations in pronunciation result in communication problems,
- (iv) Suggest ways for English teachers and the learners how to minimize pronunciation differences for better communication and listening comprehension.

2. Research Methodology and Data Collection

Research tools play a vital role in research. Therefore, a test was developed for the selected non-native English speakers to determine their differences in pronunciation of some selected English words in isolation (see appendix A). The examinees include non-native English speakers from: (a) Bangladesh, (b) Egypt, (c) India, (d) Pakistan and (e) Saudi Arabia. For a representative sample 50 speakers each were given the test. Firstly, except a few, mostly the pronunciation test was administered on line through recording. The participants were asked to articulate 55 words in a natural way as they generally pronounce them and no careful pronunciation. The test was completed in four sittings on different dates because of time constraint and ultimately completing the target of 220 words in total. Their pronunciations were recorded on a computer with a well-adjusted sensitive microphone. The data collected through this research tool, was analyzed with utmost care with encouraging results.

2.1 Date Analysis

The data collected through English pronunciation test was analyzed meticulously, ensuring validity and reliability of the study:

The **English pronunciation test** administered to the target population from Bangladesh (BDE), Egypt (EE), India (IE), Pakistan (PE) and Saudi Arabia (SAE) was analyzed and its result displayed in two different tables such as: table-1 (Consonants) and table-2 (vowels).

Table 1. (Consonants): Bangladesh English (BDE), Egypt English (EE), India English (IE), Pakistan English (PE), Saudi Arabia English (SAE) and Natives English (NE). For natives pronunciation 'Oxford Advance Learner Dictionary' has been used.

Word	BDE	EE	IE	PE	SAE	NE
abashe <i>d</i>	t	t	d	d	t	t
abra <i>sion</i>	Z	d͡ʒ	Z	3	\widehat{dz}	3
p anel	p	b	p	p	b	р
han <i>dle</i>	ď	þ	d	d	þ	d
j udaism	Z	ſ	$\widehat{d_3}$	\widehat{dz}	ſ	d 3
a <i>sth</i> ma	ſ	s∫	Z	S	s∫	s/z
au <i>th</i> or	ď	S	θ	θ	S	θ
autu mn	mn	mɪn	mn	mn	mɪn	m
aw f ul	ph	f	f/p	f	f	f
bar g ain	g	k	g	g	k	g
barra g e	Z	ſ	$\widehat{d_3}/z/\int$	\widehat{dz}	ſ	3
bo <i>mb</i>	mb	mib	mb	mb	mib	m
cal <i>c</i> ium	ſ	ſ	ſ	ſ	ſ	S
chari s ma	\widehat{dz}	Z	$\widehat{d_3}/z$	Z	Z	Z
<i>ch</i> ew	S	ſ	tJ	tʃ	ſ	tſ
<i>ch</i> ocolate	S	ſ	tʃ	tʃ	ſ	tſ
close(V)	$\widehat{d_3}$	Z	d͡ʒ/z	Z	Z	Z
clo <i>th</i> es	z/ð	Z	z/ð	ð	Z	ð
clumsy	ſ	S	$\widehat{d_3}/z$	S	S	Z
colonel	kəlʊnəl	kəlʊnəl	kəlʊnəl	kəlʊnəl	kəlʊnəl	k3:nl
consumption	ſ	ſ	∫/s	Z	ſ	S
consume	d̃3	ſ	$\widehat{d_3}/z$	Z	ſ	S
cou p	f	b	p/f	р	b	P (silent)
<i>cr</i> ew	kəru:	kɪru:	kəru:	kəru:	kɪru:	Kru:
<i>cr</i> icket	kır	kɪr	kır	kır	kır	krī
enou gh	p/ph	f	p/f	f	f	f
fai <i>th</i> ful	thh/z	Z	ð/z	ð	Z	θ
fashionable	s/ʃ	ſ	s/ʃ	ſ	ſ	ſ
festival	bh	f	V	V	f	V
gara g e	Z	ſ	$\widehat{d_3}/z$	$\widehat{d_3}$	ſ	3
g enre	Z	ſ	$\widehat{d_3}/z/\int$	\widehat{dz}	ſ	3
\boldsymbol{g} iant	z	dz	$\widehat{d_3}$	$\widehat{d_3}$	$\widehat{d_3}$	d̃3
\boldsymbol{g} entleman	Z	dz	$\widehat{d_3}/z$	\widehat{dz}	$\widehat{d_3}$	d ₃
<i>h</i> eir	h	h	h	h	h	е
lease	ſ	ſ	Z	Z	ſ	S
novelty	b	f	V	V	f	V
pizza	$\widehat{d_3}$	z	d̃ ₃ /z	Z	Z	tsa

reason	d͡ʒ/z	Z	d͡ʒ/z	Z	Z	Z
sa d ism	t	d	d	d	d	d
session	ſ	ſ	∫/s	S	ſ	S
tan g ible	Z	\widehat{dz}	d͡ʒ/z	$\widehat{d_3}$	\widehat{dz}	$\widehat{d_3}$
<i>th</i> eft	t	S	t/s/ θ	θ	S	θ
<i>th</i> rough	t ^h	S	θ/s	θ	S	θ
vision	Z	ſ	ʃ/z/ʒ	3	ſ	3
wear	bhh	f	W	W	f	w
<i>p</i> rovoke	bhh	b	р	р	b	р
ne g lect	z/g	g/k	g	g	k	g

Description table 1:

Table 1 shows the differences in consonant sounds in English pronunciation of the selected words in the target population. The table contains words in the first column with differences in their pronunciation in columns 2-7 in Bangladeshi English (BDE), Egyptian English (EE), Indian English (IE), Pakistani English (PE), Saudi Arabian English (SAE) and Natives English (NE). For different consonants sounds in pronunciation, different words have been included that definitely added to the reliability and validity of the study. Moreover, the required consonants in the words have been italicized. Then instead of complete pronunciation of the words only the differences in the italicized consonants sounds specifically in pronunciation of the selected population have been given for the ease of the reader.

Explanation table 1:

Well-documented research evidence in the area of differences in pronunciation from community to community and even within community is a hard job. However, some examples of the variation in pronunciation of certain English words in Bangladesh, Egypt, India, Pakistan, Saudi Arabia and Native speakers have been determined for a general impressionistic evaluation. The most common consonants sound differences in English pronunciation of the target population, as shown in the table, giving only one word (for each variation) as an example with reason of variation, are as follows:

(a) Natives and Bangladeshis pronunciation differences

	<u>Word</u>	<u>Difference</u>	Reason
(a)	abra <i>sio</i> n	/ʒ/ → /z/	L1 sound interference
(b)	\boldsymbol{g} iant	$/dz/ \rightarrow /z/$	L1 sound interference
(c)	Con s umption	$/s, z/ \rightarrow / \int /$	Lack of teaching-learning of English pronunciation
(d)	th eft	$/\theta/ \rightarrow /d^h/t^h/$	Local sound differences
(e)	enou gh	$/f/ \rightarrow /p^h/$	Local sound differences
(f)	ch ew	$\widehat{tf} \rightarrow /s/$	L1 sound interference
(g)	rea s on	$/z,s/ \rightarrow /d\overline{3}/$	L1 sound interference
(h)	clo th es	/ð/ → /z/	L1 sound interference
(i)	p rovoke	$/p/ \rightarrow /b^h/$	Local sound differences
(j)	cr ew	/kr/ → /kər/	Consonants declusterization
(k)	<i>cr</i> icket	/krɪ/ → /kɪr/	Consonants declusterization
(l)	fa sh ion	/ʃ/ → /s/	L1 sound interference
(m)	v ery	$/v/ \rightarrow /b^h/$	Local sound differences
(n)	heir	/e/ → /h/	Spelling pronunciation
(o)	sa d ism	$/d/ \rightarrow /t/$	L1 sound interference
(p)	w ear	$/v/ \rightarrow /b^h/$	Local sound differences
(q)	ne g lect	$/g/ \rightarrow /z/$	L1 sound interference

(b) Natives and Egyptian/Saudi Arabian pronunciation differences

	Word	<u>Difference</u>	Reason
(a)	abashed	/t/ → /t/ emphatic	No 't' sound in Arabic
(b)	abrasion	$/3/ \rightarrow /\widehat{d}_3/$	L1 sound interference
(c)	panel	$/p/ \rightarrow /b/$	No 'p' sound in Arabic
(d)	handle	$/d/ \rightarrow /d/$ emphatic	No 'd' sound in Arabic
(e)	Judaism	$/\widehat{dz}/ \rightarrow /J/$	L1 sound interference
(f)	clumsy	/z/ → /s/	L1 sound interference
(g)	author	$/\theta/ \rightarrow /s/z/$	No such sound in Arabic
(h)	autumn	$/mn/ \rightarrow /min/$	Consonant declusterization
(i)	bargain	$/g/ \rightarrow /k/g/$	No 'g' sound in Arabic
(j)	calcium	/s/ → /ʃ/	L1 sound interference
(k)	chew	/tj/ → /ʃ/	No /t͡ʃ/ sound in Arabic
(l)	clothes	/ð/ → /z/	L1 sound interference
(m)	crew	/kr/ → /kər/	Consonant declusterization
(n)	cricket	$/kri/ \rightarrow /kir/$	Consonant declusterization
(o)	wear	/v/ → /f/	L1 sound interference
(p)	heir	/e/ → /h/	Spelling pronunciation

(c) Natives and Indian pronunciation differences

	<u>Word</u>	<u>Difference</u>	Reason
(a)	abashed	$/t/ \rightarrow /d/$	Lack of teaching-learning of English pronunciation
(b)	abrasion	$/z/ \rightarrow /z/\int d\overline{z}/$	L1 sound influence
(c)	consume	$/s/ \rightarrow /\widehat{dz}/z/$	L1 sound influence
(d)	bomb	$/m/ \rightarrow /mb/$	Spelling pronunciation
(e)	awful	/f/ → /p/	L1 sound interference
(f)	close	$/z/ \rightarrow /\widehat{dz}/$	L1 sound influence
(g)	clothes	/ð/ → /z/	L1 sound influence
(h)	coup	$('p' silent) \rightarrow /p/f/$	Spelling pronunciation
(i)	crew	/kr/ → /kər/	Consonant declusterization
(j)	cricket	$/kri/ \rightarrow /kir/$	Consonant declusterization
(k)	theft	$/\theta/ \rightarrow /s/\delta/z/t/$	L1 pronunciation effect
(l)	fashion	/ʃ/ → /s/	L1 sound interference
(m)	heir	/e/ → /h/	Spelling pronunciation

(d) Natives and Pakistani pronunciation differences

	Word	<u>Difference</u>	Reason
(a)	abashed	$/t/ \rightarrow /d/$	Lack of teaching-learning of English Pronunciation
(b)	autumn	/m/ → /mn/	Spelling pronunciation
(c)	barrage	$/3/ \rightarrow /\widehat{d}_3/$	Lack of teaching-learning of English pronunciation
(d)	calcium	/s/ → /ʃ/	Lack of teaching-learning of English pronunciation
(e)	asthma	/z/ → /s/	Lack of teaching-learning of English pronunciation
(f)	consume	/s/ → /z/	Lack of teaching-learning of English pronunciation
(g)	crew	/kr/ → /kər/	Lack of teaching-learning of English pronunciation
(h)	cricket	$/kri/ \rightarrow /kir/$	Consonant declusterization
(i)	through	$/\theta/ \rightarrow /\delta/$	L1 pronunciation influence
(j)	heir	/e/ → /h/	Spelling pronunciation

Note. The symbol (\rightarrow) denotes 'changes into'.

Table 2. (Vowels): Bangladesh English (BDE), Egypt English (EE), India English (IE), Pakistan English (PE), Saudi Arabia English (SAE) and Natives English (NE). For natives pronunciation 'Oxford Advance Learner Dictionary' has been used.

Bietionary has see	n abca.					
ablu <i>tion</i>	∫ən	∫ən	∫ən	∫ən	∫ən	∫n
accurate	e	I	еі	еі	I	Э
abnor <i>mal</i>	məl	məl	məl	məl	məl	ml
abra <i>sion</i>	zan	d̃ʒən	zən	ʒən	$\widehat{d_{Z}}$ ən	зn
account <i>able</i>	abəl	ıbəl	eɪbəl	eɪbəl	ıbəl	əbl
accur <i>acy</i>	raſı	rīsī	reisi	reisi	rīsī	rəsı
accumulate	ka-mʊ	ka-mʊ	ka-mʊ	ka-mʊ	ka-mʊ	kju:-mju:
\boldsymbol{A} pril	e	I	e	e	I	еі
ard <i>e</i> nt	e	I	e	e	I	dnt
arg u m e nt	Ω - Ι	Ω - Ι	Ω - Ι	Ω - Ι	Ω - Ι	ju: - ə
articu <i>late</i>	еі	I	еі	еі	I	Э
art <i>less</i>	e	I	e	e	I	I
<i>au</i> thor	a:	a:	a:	a:	a:	э:
aw <i>ful</i>	fʊl	fʊl	fʊl	fʊl	fʊl	fl
barg ai n	e	I	еі	еі	I	I
basic <i>ally</i>	kəlı	kəlı	kəlı	kəlı	kəlı	klı
<i>bes</i> tow	bīs	bis	bes	bes	bis	bis
<i>bo</i> mb	ba	bυ	ЬΛ	ЬΛ	bυ	ad
b rea $th(N)$	rı	п	ri:	ri:	rı	re
cala <i>mity</i>	I	I	I	I	I	ə
cau <i>tious</i>	ΙÜ	I	ΙĐ	ΙĐ	I	ә
ch a risma	а	æ	æ	æ	æ	ə
colo <i>nel</i>	nal	nəl	nəl	nəl	nəl	nl
comedy	ае	ΩΙ	υе	υе	ΩΙ	6a
cres <i>cent</i>	sent	sınt	sent	sent	sınt	snt
<i>cr</i> ew	kəru:	kɪru:	kəru:	kəru:	kɪru:	kru:

<i>cr</i> icket	ıkırı	kırı	kırı	kırı	kırı	krī
c u rt ai n	a -9	∧-I	Λ-Ə	Λ-Ə	V-I	3:-tn
d e v i l	e-ə	I-9	e-ə	e-ə	I-9	e-vl
<i>e</i> nd <i>less</i>	e-e	I-I	e-e	e-e	I-I	е-і
f ai thf u l	eī-Ω	æ-ʊ	eı-u	eı-u	æ-ʊ	eɪ-fl
f e st i v a l	6-I-9	I-I-9	e-I-9	e-I-9	I-I-9	e-ə-vl
j u d ai sm	u: - a - 1	u: - a - 1	u: - a - 1	u: - a - I	u: - a - I	u: - eɪ-ɪ
m a ny	æ	æ	æ	æ	æ	e
m ou nt ai n	аʊ-е	Ω-I	αυ-e	аи-е	Ω-I	an-i
n e gl e ct	e-e	I-I	e-e	e-e	I-I	1-е
n o v e lty	9U-I	Ω-I	әυ-е	әυ-е	Ω-I	lv-a
old	əυ	υ	əυ	θū	Ü	əυ
p a n e l	e- ə	I-9	æ-ə	æ-ə	I-9	æ-nl
p <i>ai</i> r	еə	I9	еіә	еіә	19	еə
pr o v o ke	a-u	מ-מ	90-90	อน-อน	מ-מ	9-90
reas o n	ə	Э	Ә	ə	ə	zn
s <i>ai</i> d	æ	æ	æ	æ	æ	e
saturate	æ-u:-eɪ	æ-u-ı	æ-ʊ-eɪ	æ-ʊ-eɪ	æ-u-i	æ-ә-е і
selection	ı-e-α	I-I-9	e-e-ə	e-e-ə	I-I-Ə	ı-e-∫n
<i>se</i> ries	i:	I	i:	i:	I	IƏ
se ssion	æ	I	еі	еі	I	e
sh o v e l	а	υ	a:	a:	υ	٨
s o ciol o gy	Ω-Ω	Ω-9	90-90	อน-อน	Ω-9	90-9
solace	əα-eī	Ω-I	əα-eī	əū-eī	Ω-I	D-I
t <i>a</i> ng <i>i</i> ble	e-I-9	I-I-Ə	e-I-9	e-I-9	I-I-Ə	æ-ə-
t e rr i tory	6-I-9	I-I-I	e-I-9	e-I-9	I-I-I	e-ə-
vigil a nt	e	I	e	e	I	ə
v o cal	əυ	υ	эυ	əυ	υ	эυ
w <i>ea</i> r	I	I	I	I	I	eə
widow	θū	υ	əυ	θū	υ	əυ
<i>xe</i> rox	I-Ω	I-Ω	i:-əʊ	i:-əʊ	I-Ω	a-eı
<i>ze</i> nith	I	I	I	I	I	e

Description table 2:

Table-2 reflects the differences in vowels sounds in English pronunciation of the selected words in the target population. The selected words have been displayed in the first column of the table with differences in their pronunciation in columns 2-7 in Bangladeshi English (BDE), Egyptian English (EE), Indian English (IE), Pakistani English (PE), Saudi Arabian English (SAE) and Natives English (NE). For different vowel sounds in pronunciation, different words have been included that definitely added to the reliability and validity of the study. Moreover, the required vowels in the words have been italicized. Then instead of complete pronunciation of the words only the differences in the italicized vowels sounds specifically in pronunciation of the selected population, have been given for easy and quick comprehension.

Explanation table 2:

Research on the differences in English pronunciation particularly vowel sounds from community to community and even within community throughout the world is the most demanding one. However, some examples of the

variation in pronunciation of certain English words in Bangladesh, Egypt, India, Pakistan, Saudi Arabia and Native speakers have been determined for a partial depiction of the problem. The most common vowel sound differences in English pronunciation of the target population, as displayed in the table, giving only one word (for each variation) as an example with reason of variation, are as follows:

(a) Natives and Bangladeshis pronunciation differences

Word	<u>Difference</u>	Reason
(a)ablu <i>tio</i> n	∫n→∫ən	L1 interference
(b)accurate	rət → r∧t	Local language
(c)accountable	əbl → ɪbəl	Local accent
(d)c u rt ai n	k3:tn → katən	Local accent
(e)accumulate	kju: → ka	L1 interference
(f) April	еі → е	Lacks pronunciation teaching
(g)ardent	dnt → dent	Lacks pronunciation teaching
(h)argument	9 → I	Lacks pronunciation teaching
(i) articulate	9 → GI	Local accent
(j) artl e ss	ı → e	Local accent
(k) author	o: → a:	Lacks pronunciation teaching
(l) $awful$	fl → fʊl	L1 and Local accent
(m) basically	klı → kəli:	L1 and local accent
(n) Bomb	bp → ba	Lacks pronunciation teaching
(o) Br ea th	re → ri:	Lacks pronunciation teaching
(p) Caut <i>iou</i> s	$\theta \rightarrow I\Omega$	L1 and local accent
(q) Comedy	p → a:	Lacks pronunciation teaching
(r) Crescent	snt → sent	L1 and local accent
(s) Many	e → æ	Local accent
(t) Solace	D → 9Ω	Lacks pronunciation teaching
(u) Reason	zn → zən	L1 and local accent
(v) Series	ıə → i:	Lacks pronunciation teaching
(w) Sh o vel	∧ → a:	L1 and local accent

(b) Natives and Egyptian/Saudi Arabian pronunciation differences

Word	<u>Difference</u>	Reason
(a) Ablut io n	∫n → ∫ən	L1 interference
(b) Accurate	9 → I	L1 accent
(c) Many	e → ɪ/æ	Lacks pronunciation teaching
(d) Abras <i>io</i> n	ʒn → ʒən	L1 sound system
(e) Accumulate	kju: → ka	L1 pronunciation
(f) April	eı → ı	L1 sound system
(g) Ardent	dnt → dɪnt	L1 influence
(h) Argument	jʊ: → ʊ	Lack pronunciation teaching
(i) Author	o: → a:	Lacks pronunciation teaching
(j) Awf u l	fl → fʊl	L1 influence
(k)Basically	klı → kəlı	L1 influence
(l) Comedy	$D \rightarrow \Omega$	L1 sound system

(m) Cr e w	kru: → kıru:	Consonat-declusterization
(n) Curtain	3: → ∨	Lack pronunciation teaching
(o) Jud ai sm	eī → ī/a	L1 sound system
(p) Sociology	$9\Omega \rightarrow \Omega$	L1 sound system
(q) Tangible	æ → I	L1 sound system
(r) S ai d	e → æ	Lacks pronunciation teaching
(s) series	ıə → i:	L1 pronunciation
(t) Shovel	$V \rightarrow \Omega$	Lacks pronunciation teaching
(u) W ea r	e9 → I	L1 sounds/accent

(c) Natives and Indian/Pakistan pronunciation differences

Word	<u>Difference</u>	Reason
(a) Ablut <i>io</i> n	∫n → ∫ən	L1 sound system
(b) Accurate	9 → GI	Lacks pronunciation teaching
(c) Accumulate	kju: → ka	Lacks pronunciation teaching
(d) April	еі → е	Lacks pronunciation teaching
(e) Ardent	dnt → dent	L1 sound system
(f) Argument	jʊ: → u:	Lacks pronunciation teaching
(g) Artless	I → 6	Lacks pronunciation teaching
(h) Author	o: → a:	L1 sound system
(i) Awf u l	fl → fʊl	L1 accent
(j) Basically	klı → kəlı	L1 accent
(k) Provoke	ə → əʊ	L1 accent
(l) Solace	p → 9Ω	L1 sound system
(m) Session	е → еі	Lacks pronunciation teaching
(n) Vigil a nt	ə → e	Local accent
(o) Crescent	snt → sent	Local accent
(p) Cr e w	kru: → kərɪʊ	Spelling pronunciation
(q) Curtain	3: → ∧	Lacks pronunciation teaching
(r) Jud ai sm	eı → 9	Lacks pronunciation teaching
(s) M a ny	e → æ	Lacks pronunciation teaching
(t) P ai r	еэ → еіә	Lacks pronunciation teaching
(u) Series	ıə → i:	Local accent
(v) Sh o vel	$V \rightarrow 0$:	Lacks pronunciation teaching
(w) Tangible	æ → e	Lacks pronunciation teaching
(x) W ea r	еэ → 19	Local accent

3. Discussion and Conclusion

In the context of the Sub-continent that includes Pakistan, India and Bangladesh, Egypt and Saudi Arabia, the differences in English accent are crystal clear. These variations due to one or the other reason are natural and inevitable. It is easy to talk about the reference varieties (standard varieties) in English pronunciation but aspiring for the monolithic approach throughout the world seems a dream. The variations in English pronunciation going on in the countries ibid have been concluded as follows:

- (a) Bangladesh: In Bangladesh local language varieties deeply affect English pronunciation. Some of the reasons of mispronunciation include:
- (i) Bangali English learners are generally used to spelling pronunciation.

- (ii) English sounds are not focused and emphasized.
- (iii) They don't differentiate long and short vowels.
- (iv) Bangla language has almost twenty plosives as compared to only six plosives of English which definitely interfere.
- (v) The pronunciation of Bangali English speakers are entirely influenced by their mother tongue and local variety.
- (vi) Another reason of differences is that English fricatives f, θ , δ , v, z, ζ , do not exist in Bangla inventory of phonemes.
- (vii) Alveolar /t/ and /d/ are sometimes retroflexed by the Bangali speakers from the South region.
- **(b) India and Pakistan:** Indian and Pakistani English speakers have more or less similar English pronunciation except some specific states, like Kerila, Utter Pradesh and Behar. The most distinctive differences in English pronunciation are:
- (i) The consonants 'v' and 'w' in the words like 'very' and 'work' are pronounced similarly. Whereas in articulation 'w' is bilabial approximant and 'v' is labiodental fricative.
- (ii) The alveolar /t/ and /d/ are often heard with drum-like heavy sound.
- (iii) In some states of India like Behar, the /ʃ/ sound is often heard with lisp /s/, e.g. the word 'sheikh' is pronounced as /seikh/.
- (iv) There is no clear distinction between the vowel sounds /p/ and /ɔ/. Both sound like /a/.
- (v) Particularly in India 'retroflex' sounds are common in Telugu, Kannada, Tamil and Malayalam.
- (vi) The word like 'class', 'staff' and 'last' are usually pronounced with a back /a/ as in Southern British dialects but unlike Northern British.
- (vii) The voiceless 'plosives' /p/, /t/ and /k/ are not aspirated by Pakistani and Indian English speakers.
- (viii)In native Indian languages except Tamil, the distinction between aspirated and un-aspirated plosives is phonemic.
- (ix) In some of the Indian languages, there are two entirely distinctive sets of coronal plosives; one is 'dental' and the other is 'retroflex'. Moreover, to the Indian ears, the English alveolar plosives sound more retroflex than dental.
- (x) In some parts of Utter Pradesh and Behar, the consonant /s/ preceding alveolar /t/ allophonically changes to /ʃ/. For example, the word 'stop' is pronounced as /ʃta:p/.
- (xi) The / $\frac{1}{3}$ sound changes into / $\frac{1}{2}$ / or / $\frac{1}{3}$ / by many Indian speakers and in Sound India this sounds like / $\frac{1}{3}$ /.
- (xii) Sanskrit and Marathhi have /s/ and /[/ sounds but Bangla, Udiya and Hindi do not.
- (xiii) Moreover, Indian and Pakistani English speakers are more or less rhotic.
- (xiv) English alveolar /t/ and /d/ are often retroflex /t/ and /d/, especially in South of India. But Hindi does not have true 'retroflex plosives' whereas Tamil speakers sound retroflexive.
- (xv) Indian and Pakistani English speakers usually change syllabic /l/, /m/ and /n/ into [əl], [əm] and [ən].
- (xvi) Pakistani and Indian English speakers often use light/clear /l/ like Irish English.
- (xvii) Spelling pronunciation is also common in Pakistan and India.
- **(c)** Egypt and Saudi Arabia: Except a few colloquial variations in English pronunciation, Egyptians and Saudi Arabians English speakers have similar accent. Some of the salient differences in Egyptian and Saudi English speakers include:
- (i) The sound $\frac{1}{3}$ which is reduction of $\frac{1}{3}$ sound of Egyptianized loan words, tend to merge with $[\int]$; for example, the word 'garage' is mostly pronounced as $\frac{1}{3}$ even by educated speakers.
- (ii) The sound $/\theta$ / and $/\delta$ / are always approximated to sibilants [s] and [z]. Traditionally the interdental consonants correspond to the Egyptian Arabic alveolar-consonants [t] and [d].
- (iii) Egyptians and Saudis use extra vowel sound in consonant clusters. For example, the words 'split', 'throw' and 'lengths are pronounced as /spllt/, /1θτου/ and /lenðis/ respectively.

- (iv) Some speakers focus on voicing and devoicing of some consonants, e.g. voiced [$t \rightarrow d$], [$s \rightarrow z$], [$k \rightarrow g$], [$z \rightarrow f$] and [$z \rightarrow f$].
- (v) Egyptian English speakers also have problems with the vowels like $[I, U, e, a, 3, a, \Lambda \text{ and } D]$.
- (vi) There are some problematic consonants for Egyptian and Arab speakers For example, [$p \to b$], [$z \to f$], [$r \to r+r$] [$\theta \to s$] and [$t \to f$].
- (vii) Moreover, [p], [b], [d] and [g] sounds don't exist in Arabic inventory of phonemes. For example, the words 'panda', 'police', and 'very', are pronounced as /ba:nda/, /bauli:s/ and /ferI/ respectively.
- (viii) The words like 'pit', 'pet', 'put', 'pot', and 'pat', etc are difficult to pronounce with marginal distinction by Arab speakers. The words that are differentiated by the vowel sounds are a bit problematic for them.

4. Suggestions

In the light of the discussion and conclusion of the study it is quite clear that dreaming reference variety (standard pronunciation) of English across the globe needs revisiting the undeniable fact of naturally inevitable variations in English pronunciation. Particularly the native speakers of English language (which is already a major lingua franca in the world of today would) have to decide and compromise as to what is possible and impossible to do. Both native and non-native speakers of English should practise what is possible and at the same time compromise to the area of predictable and unavoidable difficulties. These are the problems of English pronunciation which are impossible to overcome for the Second Language Learners throughout the world even if they try their best. However, maximum efforts in teaching-learning of English pronunciation should be extended especially focusing upon:

- (a) Teaching-learning of English pronunciation needs to be given priority at early stage because the interference of L1 becomes to its maximum at some later stages.
- (b) Second language learners' English pronunciation may not be exactly like native speakers but they should try their best to be as closer to the natives as possible.
- (c) The interference/influence of local languages of non-natives is not so easy to eradicate but it can be minimized through teaching-learning of English pronunciation and then practicing with a sense of self-improvement.
- (d) For better listening comprehension, regular listening to native speakers will definitely prove beneficial and productive for Second Language Learners.
- (e) The alphabet/sounds which do not exist in L1 of the learners of English as L2 need efforts to practice certain sound of the target language.
- (f) First of all the most specific areas of difficulties in teaching-learning of English pronunciation should be identified and then focused constantly for effective teaching-learning of the pronunciation.

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Appendix A

Pronunciation Test of Some Selected English Words in Isolation

Word	Bangladesh	Egypt	India	Pakistan	Saudi Arabia	Natives
abacus	abakas	abakes	∂ b æ kəs	∂ b æ kəs	aba:kes	æbəkəs
abashed	aba∫t	abaʃɪt	abasəd	abæſd	abæ∫t	əbæ∫t
ablution	ablu:ʃən	ablʊʃən	ablu:sən	ablu:ʃən	ablu:ʃən	əblu:∫n
abnormal	abna:rməl	ıbnarməl	ebnarməl	ebnarməl	лbnarməl	æbno:ml
abrasion	лbrazən	ıbrıdʒən	ebreɪz/d͡ʒn	ebreɪʒən	ıbreıd3ən	əbre 13n
abuse(V)	abu:d͡ʒ	ıbju:z	əbju:d͡ʒ	əbju:z	ıbju:z	əbju:z
abuse(N)	abu:d3	ıbju:z	əbju:d͡ʒ	əbju:z	ıbju:z	əbju:s
abysmal	əbɪd͡ʒməl	əb ı zməl	əbɪd͡ʒməl	əb ı sməl	lemz ı de	əb ı zməl
academic	akatemīk	ıkədımık	əkædəmık	əkædəmık	əkədımik	ækədemīk
academician	ıkatmıʃən	ɪkədɪmɪʃn	əkædmı∫n	əkædmıʃən	əkədɪmɪʃən	əkædəmı∫n
accessory	eksesʊrɪ	aksīsrī	esesʊrɪ	esesurı	aksısrı	əksesərı
accountable	ıkanteıbəl	ıkuntıbəl	ıkəʊnteɪbəl	ıkəʊnteɪbəl	ıkʊntɪbəl	əkauntəbl
accumulate	akamu:lɪt	ıkamu:lıt	ıkamu:leɪt	ıkamu:leɪt	ıkamu:lıt	əkju:mjʊle1t
accuracy	ekʊra:si:	ıkurısı	ækureīsi:	ækureīsi:	ıkurısı	ækjərəs 1
accurate	ekʊret	ıkurıt	ækureɪt	ækureɪt	ıkurıt	ækjərət
accursed	ık3:st	ıkʌrsɪd	ık3:rsd	ık3:rsd	ıkʌrsɪd	ək3:s1d
apology	əfaluzaı	ıbaludzı	ıpaludzı	ıpalud3ı	ıbaludzı	əpɒləd31
appreciable	eprı∫ebəl	ıbrı∫ıbəl	eprɪʃɪeɪbəl	eprıʃɪeɪbəl	ıbrıʃıbəl	əpri:∫əbl
April	əbrīl	ıbrıl	æprɪl	æprīl	ıbrıl	eıprəl
aptitude	epti:sɪʊd	ıbtıtu:t	æpti:tɪʊd	æpti:tɪʊd	ıbtıtu:t	æpt1tju:d

ardent	a:rtent	ardınıt	a:rdent	a:rdent	ardınıt	a: dnt
argument	a:rgʊmɪnt	arku:mɪnɪt	a:rgu:mɪnt	a:rgu:mɪnt	arku:mɪnɪt	a:gjomənt
arm	a:rm	a:rm	a:rm	a:rm	a:rm	a:m
arrears	eɪrɪərd͡ʒ	ırıərz	eɪrɪərd͡ʒ	eɪrɪərz	ırıərz	ərıəz
articulate(A)	a:rtɪkjʊlet	a:rtɪkʊlɪt	a:rtɪku:leɪt	a:rtɪku:leɪt	a:rtɪkʊlɪt	a:t1kjvlət
articulate(V)	a:rtɪkjʊlet	a:rtɪkʊlɪt	a:rtɪku:leɪt	a:rtɪku:leɪt	a:rtɪkʊlɪt	a:tɪkjʊleɪt
artless	a:rtle∫	a:rtlis	a:rtles	a:rtles	a:rtlis	a:tl18
asked	a:ʃkd	a:skɪd	a:skd	a:skd	a:skɪd	a:skt
assault	ɪʃɑa:lt	ısa:lıţ	æsa:lt	æsa:lt	ısa:lıţ	əsə:lt
associate	eʃʊʃi:eɪt	ısʊʃɪeɪţ	æsʊʃɪeɪt	æsʊʃɪeɪt	ısʊʃɪeɪţ	əsə∪∫⊥ət
asthma	a∫təmə	ıstımə	æsθəmə	æsθəmə	ıstımə	æs/zmə
asylum	æʃi:ləm	ısılʌm	esaɪləm	esaɪləm	ısıl∧m	əsaıləm
attitude	ati:tu:t	ıtıt tjud	æti:tjʊd	æti:tjʊd	ıţıţ jʊd	æt1tju:d
assist	ə∫ɪ∫t	ISISIT	əʃɪʃt	əsist	ısısıt	əsist
audible	a:tɪbəl	a:dīpsl	a:dɪbəl	a:dɪbəl	a:dɪbəl	o:debl
author	a:dər	a:sər	a:θər	a:θər	a:sər	Seθ:c
automobile	a:tʊmʊbaɪl	a:tʊmʊbɪl	a:tumubaɪl	a:tʊmʊbaɪl	a:tumubil	o:təməbi:l
authority	əta:rəti:	əsa:rtı	əθαa:rɪti:	əθαa:rɪti:	əsa:rtı	1 161 α θ :c
autumn	a:təmn	a:təmɪn	a:təmn	a:təmn	a:təmɪn	o:təm
awful	əvfʊl	əfʊl	əvp/fʊl	əvfʊl	əfʊl	o:fl
ball	ba:l	bʊl	ba:l	ba:l	bʊl	bo:l
balloon	balu:n	bɪlu:n	bælu:n	bælu:n	bɪlu:n	bəlu:n
bamboo	bambu:	bνmpΩ	bəmbu:	bəmbu:	ხ∧mbʊ	bæmbu:
bargain	bargen	barkeın	ba:rgeɪn	ba:rgeɪn	ba:rd͡ʒeɪn	ba:g1n
barrage	bera:z	bīra:∫	bæra:d͡ʒ/z	bæra:d͡ʒ	bīra:∫	bæ/əra:3
basically	besīkəli:	bīsīkəli:	berszkəli	beɪsɪkəli	bīsīkəli:	beīsīklī
basin	besin	bīsīn	beisin	beisin	bīsīn	beisn
bastion	bestɪʊn	bīstī-īn	bestiən	bestiən	bīstī-īn	bæstīən
bath(N)	ba:t	ba:s	ba:θ	ba:θ	be:s	bα:/æθ
bathe(V)	ba:t	bæz	ba:θ	ba:θ	bæz	beīð
beautiful	bɪti:fʊl	bɪʈɪfʊl	bɪʊti:fʊl	bɪʊti:fʊl	bɪʈɪfʊl	bju:t1fl
beneath	bi:ni:t	bɪni:s	bi:ni:θ	bi:ni:θ	bɪni:s	b1ni:θ
beneficent	binepisent	bınıfısınţ	bɪnefi:sent	bɪnefi:sent	bınıfısınţ	binefisnt
beret	bɪrɪt	bırıţ	berɪt	berɪt	bɪrɪţ	bereı
bestow	bestʊ	bısţʊ	bestəʊ	bestəʊ	bīstū	bīstəu
blessed(A)	ble∫t	bılısıd	blesd	blesd	bılısıd	blesid
scissors	ſɪʃəd͡ʒ	sısərz	sīsərz	sīsərz	sisərz	SISƏZ
blue-berry	blu:beri:	bīlu:bīrī	blu:beri:	blu:beri:	bīlu:bīrī	blu:br1
bomb	ba:mb	bʊmb	b∧mb	bʌmb	bʊmb	bom
bouquet	bʊkɪt	bʊkɪţ	bu:keɪ	bu:keɪ	bʊkɪţ	bukeı
breadth	bret	brīts	$bred\theta$	$bred\theta$	brīts	$bret\theta$
breath(N)	bri:t	bīrīs	bri:θ	bri:θ	bīrīs	$bre\theta$
breathe(V)	bri:t	bri:z	bri:θ	bri:θ	bri:z	bri:ð

brook	bru:k	bɪrʊk	bru:k	bru:k	bɪrʊk	brok
burial	bʊrɪəl	bʊrɪəl	bərɪəl	bərɪəl	bʊrɪəl	berrəl
cachet	kasıt	k∧ʃɪ	kæsei	kæ∫eī	kʌʃɪ	kæ∫e≀
calamity	kalamīti:	kʌlɪmɪʈɪ	kəlæmɪti:	kəlæmɪti:	kʌlɪmɪʈɪ	kəlæmətı
calcium	kelʃɪəm	kɪlʃɪəm	kelʃɪəm	kelʃɪəm	kɪlʃɪəm	kælsıəm
camel	kæməl	kʌməl	kæməl	kæməl	kʌməl	kæml
caption	kæf∫ən	k∧b∫ən	kæps/∫ən	kæp∫ən	k∧b∫ən	kæp∫n
career	kærɪər	kʌrɪər	kærɪər	kærɪər	kʌrɪər	kər ı ə(r)
cassette	keɪsət	kısıt	keɪsɪt	keisit	kısıt	kəset
carnal	karnəl	ka:rnəl	ka:rnəl	ka:rnəl	ka:rnəl	ka:nl
catharsis	katar∫ı∫	kīsa:rsīs	kæθa:rsız	kæθa:rsɪz	kīsa:rsīs	kəθa:sīs
cautious	ka:ʃɪəʃ	ka:ʃɪʌs	ka:ʃɪəs	ka:ʃɪəs	ka:ʃɪʌs	kɔ:∫əs
channel	sænəl	∫∧nəl	t∫ænəl	t∫ænəl	∫∧nəl	t∫ænl
charisma	kærɪd͡ʒmə	kʌrɪzmə	kærɪd͡ʒmə	kærɪzmə	kʌrɪzsmə	kərızmə
chasm	kædʒəm	kʌzɪm	kædʒəm	kæzəm	kʌzɪm	kæzəm
chew	siu:	∫u:	ί∫ιυ	ί∫ιυ	ſu:	€Ĵu:
chocolate	sa:kleɪt	ʃa:klɪt	tʃa:kleɪt	t͡ʃa:kleɪt	ʃa:klɪt	t∫nklət
christian	krīsīən	kɪrɪʃɪn	krɪst͡ʃɪən	krɪst͡ʃɪən	kırıʃın	krīst∫ən
climb	kəlaimb	ıkılaımb	kəlaımb	kəlaımb	ıkılaımb	klaım
close(adj)	kələʊd͡ʒ	ıkıləʊz	kələʊd͡ʒ	kələʊz	ıkıləʊz	kləus
close(V)	kələʊd͡ʒ	ıkıləʊz	kələʊd͡ʒ	kələʊz	ıkıləʊz	kləoz
cloth(N)	ıkla:t	kɪlʊs	kəla:θ	kəla:θ	kɪlʊs	klυθ
clothes(N)	ıkla:t	kılʊzız	kəla:θ	kəla:θ	kıluzız	kləuðz
clothe(V)	ıkləʊd	kɪləʊz	kələʊð	kələʊð	kɪləʊz	kləuð
clumsy	kəlʌmsi:	kɪləmsɪ	kələmdʒi:	kələmsi:	kıləmsı	kl^mz1
coast	kəʊſt	kʊsţ	kəʊst	kəʊst	kʊs†	kəust
coat	kəʊt	kʊt	kəʊt	kəʊt	kʊt	kəut
cogent	kʊd͡ʒent	kʊd͡ʒɪnʈ	kəʊd͡ʒent	kəʊd͡ʒent	kʊd͡ʒɪnʈ	kəu d3 ənt
colonel	kəlʊnəl	kəlʊnəl	kəlʊnəl	kəlʊnəl	kəlʊnəl	k3:nl
Word	Bangladesh	Egypt	India	Pakistan	Saudi Arabia	Natives
colony	ka:lu:nī	kaluni	ka:lu:ni:	ka:lu:ni:	kaluni	kɒlənı
comedian	kumætiən	kʊmɪdən	kʊmedɪən	kʊmedɪən	kʊmɪdən	kəmi:d1ən
comedy	kumeti:	kʊmɪdɪ	kʊmedi:	kumedi:	kumidi	koməd 1
concise	kʌnʃaɪd͡ʒ	konsaiz	kʌnsaɪd͡ʒ	kʌnsaɪz	kunsaiz	kənsaıs
conspiracy	kənʃprɪʃɪ	kʌnsbərɪsɪ	kənspireisi	kənspireisi	kʌnsbərɪsɪ	kənspirəsi
consumption	kəndʒəmpʃən	kʌnzəmbʃən	kənzʌmpʃən	kənzʌmpʃən	kʌnzəmbʃən	kəns∧mp∫n
consume	kənd͡ʒʊm	kvuziam	kənd͡ʒju:m	kənzju:m	kʌnzɪʊm	kənsju:/u:m
corruption	kʊrʌfʃən	kərʌbʃən	kʊrʌpʃən	kʊrʌpʃən	kərʌbʃən	кәг∧р∫п
cough	k^p ^h	knf	kʌf/pʰ	kaf	knf	kp/ɔ:f
coup	ku:f/p	kʊb	ku:p	ku:p	kʊb	ku:
couple	ka.i/p kəp/fəl	kvpsl	ka.p kəpəl	ka.p kəpəl	kлbəl	ku. k∧pl
crescent	ıkresınt	kırısınt	kri:sent	kri:sent	kırısınt	kresnt
crew	kəriv	kırʊ	kərju:	kərju:	kıru	kru:

cricket	kırkıt	kırıkıt	kırkıt	kırkıt	kırıkıt	krīkīt
criminal	krımınəl	kırımınəl	krımınəl	krımınəl	kırımınəl	krīmīnl
crisis	kəraisid3	kıraısız	kəraisiz	kəraisiz	kıraısız	kraisis
crises	kəraisid3	kıraısız	kəraisiz	kəraisiz	kıraısız	kra i si:z
crystal	kəristəl	kırıstəl	kərıstəl	kərıstəl	kırıstəl	krīstl
curtain	kərtən	kʌrtɪn	kз:rtən	kɜ:rtən	kʌrtɪn	k3:tn
correct	kʊrekt	kərɪkţ	kʊrekt	kʊrekt	kərɪkţ	kərekt
defiance	depʰɪen∫	dɪfɪins	defrens	defrens	dɪfɪins	dıfaıəns
denouement	denumint	dɪnʊmɪnt	dɪnʊmɪnt	dɪnʊmɪnt	dɪnʊmɪnt	de mu:moŋ
exult	eksəlt	ıksılt	exs3:lt	exs3:lt	ɪksʌlt	1 gzAlt
devil	dævəl	dɪvʌl	devəl	devəl	dɪvʌl	devl
divorce	daɪbəʊr∫	daɪfʊrs	daīvəʊrs	daīvəʊrs	daɪfʊrs	divo:s
endless	endle∫	ındlıs	endles	endles	ındlıs	endlis
eligible	ælɪd͡ʒɪbəl	ılıdʒıbəl	elɪd͡ʒɪbəl	elɪd͡ʒɪbəl	ılıdʒıbəl	el 1 d3 əbl
enough	enəp ^h	ınʌf	enəp/f	enəf	ınʌf	I $\mathbf{n} \wedge \mathbf{f}$
faithful	fertful	fɪdfʊl	feɪθfʊl	feɪθfʊl	fɪd̞fʊl	fe I θfl
fashionable	feɪʃənɪbəl	fɪʃənɪbəl	feɪʃənɪbəl	feɪʃənɪbəl	fɪʃənɪbəl	fæ∫nəbl
festival	fe∫tɪvəl	fıstıvəl	festi:vəl	festi:vəl	fɪstɪvəl	festəvl
finite	fɪnɪt	fɪnɪt	fınıt	fınıt	fɪnɪt	faınaıt
garage	geɪrɑ:z	gɪraſ	gæra:d͡ʒ	gɪra:d͡ʒ	gɪra∫	gæ/əra: ʒ /
						gær i d 3
garden	ga:rdən	d̃ʒɑ:rdən	ga:rdən	ga:rdən	d͡ʒa:rdən	ga:dn
genre	za:nrı	ſʌnrɪ	dʒ/zanrı	за:nrī	∫∧nrī	3 a:nrə
generic	zenrīk	gɪnrɪk	z/d͡ʒanrık	d̃ʒanrɪk	d̃ʒanrīk	d31ner1k
giant	dziant	gɪʌnʈ	d͡ʒɪa;nt	d͡ʒɪa;nt	dzianţ	d 3 a⊥ənt
gentleman	dzentəlmæn	gɪntəlmɪn	zentəlmæn	d͡ʒentəlmæn	d͡ʒɪntəlmɪn	d3entlmən
Word	Bangladesh	Egypt	India	Pakistan	Saudi Arabia	Natives
handle	hændəl	hʌndɪl	hændəl	hændəl	hʌndɪl	ĥændl
heath	hi:t	hi:s	hi:θ	hi:θ	hi:s	hi:θ
hebrew	hebrīʊ	ıbıru:	ıbrıʊ	hɪbrɪʊ	ıbıru:	hi:bru:
heir	heɪər	ıər	heɪər	heɪər	ıər	eə(r)
judaism	d͡ʒu:təɪd͡ʒəm	d̃ʒʊdɪɪzəm	d͡ʒu:dəɪzəm	d͡ʒu:dəɪzəm	d̄ʒʊdɪɪzəm	₫3u:de11zm
lease	li:∫	li:s	li:z	li:z	li:s	li:s
limb	līmb	lımb	lımb	līmb	lımb	11 m
many	mænı	mʌnɪ	mæni:	mæni:	mʌnɪ	menı
menace	mɪnæ∫	minas	mɪnæs	mɪnæs	mɪnʌs	menəs
mountain	məʊnten	muntın	məʊnten	məʊnten	montin	maunt i n
mobile	mubail	mubail	mubail	mubail	mubaɪl	məuba 1 l
neglect	neglect	nīglīkīt	neglect	neglect	nıd͡ʒlɪkɪt	nīglekt
noise	na:ɪz	na:ɪz	na:ɪz	na:ɪz	na:ɪz	noız
nose	ทอบdั้ร	nʊz	nəʊd͡ʒ	nəʊz	nʊz	nəuz
novelty	nəʊvelti:	nʊvɪltɪ	nəʊvelti:	ทอชvelti:	nʊvɪltɪ	npvlt1
nude	nʊvɪltɪ	nʊd	nju:d	nju:d	ทซปุ	nju:/u:d

ocean	อบ∫เบท	ບ[າອ/ɪn	əʊs/ʃɪən	əʊ∫ɪən	ບໂາອ/ɪn	əʊ∫n
offensive	əʊpensɪb	ʊfɪnsɪf	əʊf/pensɪv	əʊfensɪv	ʊfɪnsɪf	əfensıv
old	əʊlt	บlid	əʊld	əʊld	บlɪd	əʊld
panel	pænəl	p∧nəl	pænəl	pænəl	p∧nəl	pænl
provoke	provəok	provok	prəʊvəʊk	prəʊvəʊk	provok	prəvəʊk
pigeon	pɪd͡ʒɪʌn	bɪd͡ʒɪn	pɪz/d͡ʒɪən	pɪd͡ʒɪən	bɪd͡ʒɪn	рібЗіп
pizza	pi:d͡ʒə	bi:zə	pi:z/d͡ʒə	pi:zə	bi:zə	pi:tsə
quarrel	kʊərl	kʊərɪl	kʊərl	kʊərl	kʊərɪl	kworəl
raisin	reɪʃɪn	rīsīn	reisin	reisin	rīsīn	reızn
ravine	rab ^h īn	rɪfɪn	reivin	reivin	rɪfɪn	rəvi:n
refusal	rɪpʰju:zəl	rɪfjʊzəl	rɪfju:z/d͡ʒəl	rɪfju:zəl	rɪfjʊzəl	rī fju:zl
reason	ri:d͡ʒən	rızın	ri:z/d͡ʒən	ri:zən	rızın	ri:zn
receivable	rīsi:bībəl	rısıvıbəl	rīsi:veībəl	rīsi:veībəl	rısıvıbəl	rīsi:vəbl
recompense	rɪkʌmpen∫	rīkəmbīnīs	rıkəmpens	rıkəmpens	rīkəmbīnīs	rekəmpens
resistance	rıd͡ʒɪd͡ʒten∫	rızıztıns	rızıztens	rızıztens	rızıztıns	rızıztəns
responsible	respansībəl	rısbansıbəl	respansıbəl	respansibəl	rısbansıbəl	rīsponsəbl
rival	raɪbʰəl	raɪfəl	raɪvəl	raɪvəl	raɪfəl	raıvl
riven	raɪbʰən	rɪfən	rīvən	rīvən	rɪfən	rīvn
ruin	rʊɪn	rʊɪn	roi:n	rʊi:n	rʊɪn	ru:1n
sacred	sækrīt	sʌkrɪd	sækrīd	sækrid	sʌkrɪd	seikrid
sadism	sædəɪd͡ʒəm	sʌdɪzəm	sædɪd͡ʒəm	sædəizəm	sʌdɪzəm	seidizəm
saloon	∫alu:n	sʌlu:n	sælu:n	sælu:n	sʌlu:n	səlu:n
said	∫æt	sʌd	sæd	sæd	sʌd	sed
saturate	ſɪsʊreɪt	sʌd͡ʒʊrɪʈ	sæt͡ʃu:reɪt	sæt͡ʃu:reɪt	sʌd͡ʒʊrɪʈ	sæf∫əre⊥t
school	ı∫ku:l	ɪsku:l	ısku:l	sku:l	ɪsku:l	sku:l
selection	ſɪlekʃən	sɪlɪkʃən	selek∫ən	selek∫ən	sɪlɪkʃən	sīlek∫n
selfless	∫elp ^h le∫	sılflıs	selfles	selfles	sılflıs	selflis
series	ʃɪri:d͡ʒ	sıri:z	si:ri:z/d͡ʒ	si:ri:z	sıri:z	sıəri:z
serious]iriə]	SITIAS	si:rɪəs	si:rɪəs	SITIAS	SIƏTIƏS
session	ſeſən	sɪ∫∧n	seɪ∫ən	seɪ∫ən	sɪ∫∧n	se∫n
shortage	ʃartɪd͡ʒ	∫ərtıd3	ʃa:rtɪd͡ʒ	ʃa:rtɪd͡ʒ	∫ərtıd3	∫ɔ:tɪ ₫ʒ
shovel	∫əbʰəl	ʃa:fəl	∫a:vəl	ʃa:vəl	ʃa:fəl	∫∧vl
silent	ſaɪlent	sa:lɪnţ	sailent	sailent	sa:lɪnţ	sa ı lənt
simple	ſɪmfəl	simbyl	sımpəl	sımpəl	simbyl	sımpl
single	ſɪŋgəl	sɪŋkəl	sīŋəl	sɪŋəl	sɪŋkəl	sıŋgl
finger	pʰɪŋgər	fɪŋgər	fɪŋgər	fɪŋgər	fɪŋgər	fɪŋgər
solace	[ole1]	suleis	səʊleɪs	səuleis	suleis	splis
stopped	ʃta:pd	stupid	ʃta:pd	sta:pd	stupid	stopt
tangible	tend͡ʒɪbəl	tɪnd͡ʒɪbəl	tend͡ʒɪbəl	tend͡ʒɪbəl	tındzıbəl	tænd 3 əbl
territory	teritori	†ırıtırı	teritəri	teritəri	†ırıtırı	terətr i
theft	ðep ^h t	sıft	θeft	θeft	sıft	θeft
thief	ði:pʰ	si:f	θi:f	θi:f	si:f	θi:f
thigh	ða.p	Sai	θαι	θαι	Sai	θαι

throat	ðrəʊt	srəʊţ	θrəʊt	θrəʊt	srəʊʈ	θrəυt
through	ðru:	sru:	θru:	θru:	sru:	θru:
thumb	ðəmb	sʌmb	ðəmb	ðəmb	sʌmb	$\theta \wedge m$
tortoise	tartə∫	tərtəs	ta:rtəs	ta:rtəs	tərtəs	to:təs
towards	tʊwərtd͡ʒ	tσwʌrdz	tʊwərdz	tʊwərdz	tσwʌrdz	təwɔ:dz
tradition	tratɪʃən	trədı∫ən	treɪdɪsən	treɪdɪ∫ən	trədı∫ən	trədı∫n
transfer	tra:nʃfər	trənsfər	tra:nspər	tra:nsfər	trənsfər	trænsf3:(r)
trigger	traɪgər	ţrɪgər	traɪgər	traɪgər	ţrɪgər	tr igə(r)
ultimate	۸lti:mæt	۸ltɪmet	۸ltɪmeɪt	۸ltɪmeɪt	۸ltɪmet	Altımət
uncertain	∧n∫ərtən	∧nsərţın	۸nsərtən	۸nsərtən	ʌnsərt̞ɪn	Ansa:tn
usual	ju:zʊəl	jʊʃʊəl	ju:jʊəl	ju:jʊəl	jʊʃʊəl	ju: 3 l
usurp	ju:d͡ʒərp	jʊzərb	ju:sərp	ju:sərp	jʊzərb	ju:z3:p
verdant	b ^h ərtent	fərdınt	vərdent	vərdent	fərqınt	vз:dnt
victual	bıksvəl	fɪkd͡ʒʊəl	vɪkt͡ʃʊəl	vɪkt͡ʃʊəl	fɪkd͡ʒʊəl	vītl
vigilant	bıdʒılent	fɪd͡ʒɪlɪnʈ	vɪd͡ʒi:lent	vɪd͡ʒi:lent	fıdʒılınţ	v ı d3 ı lənt
vision	vi:zən	vɪʃən	vi:zən	vɪ∫ən	vɪʃən	v13n
wastage	beʃtɪd͡ʒ	fıstıd3	weistid3	weistid3	fɪstɪd͡ʒ	we1st1d3
we	pμΩι	fɪ	wʊi:	wʊi:	fɪ	wi:
wear	bıər	fıər	wi:ər	wi:ər	fɪər	weə(r)
weather	beɪdər	fızər	weīðər	weɪðər	fızər	weðə(r)
wages	beɪd͡ʒ	f/weɪg	weɪd͡ʒ	weɪd͡ʒ	weɪd͡ʒ	weɪd͡ʒ
whistle	bʰɪʃəl	fɪsəl	wisəl	wisəl	fɪsəl	wīsl
Word	Bangladesh	Egypt	India	Pakistan	Saudi Arabia	Natives
worth	bʰərð	fərð	wərθ	wərθ	fərð	w3:θ
wrath	rað	rað	ra:θ	ra:θ	rað	$r_0/æ\theta$
wrinkle	rɪηkəl	rɪηkəl	rɪηkəl	rɪηkəl	rɪηkəl	rīŋkl
wry	rai	ri:	ri:	ri:	ri:	ra ı
xerox	d̃ʒɪrəʊks	zırəʊkıs	d͡ʒɪrəʊks	zīrəŭks	zırəʊkıs	zīəroks
yacht	ja:s	ja:∫	ja:t͡ʃ	ja:t͡ʃ	ja:∫	jot
youth	ju:s	ju:s	ји:θ	ји:Ө	ju:s	ju:θ
zenith	d͡ʒɪnɪt	zi:nɪs	zi:nəθ	zi:nəθ	zi:nɪs	$zen_1\theta$

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