				flattened C						pointed C									
				dental C		cerebral C		palatal C_y		labial C_w		velar C_a		alveolar C					
				$C^a V$	$C^w V$	$C^a V$	$C^w V$	$C^a V$	$C^w V$	$C^a V$	$C^y V$	$C^a V$	$C^w V$	$C^a V$	$C^y V$	$C^w V$			
				$C^a\forall^y_\nu$	$C^w\forall^y_\nu$	$C^a\forall^y_\nu$	$C^w\forall^y_\nu$	$C^a_y\forall^y_\nu$	$C^w_y\forall^y_\nu$	$C^a_w\forall^y_\nu$	$C^y_w\forall^y_\nu$	$C^a_a\forall^y_\nu$	$C^w_a\forall^y_\nu$	$C^a\forall^y_\nu$	$C^y\forall^y_\nu$	$C^w\forall^y_\nu$			
				zan	zuan	zhan	zhuan	jian	juan	ban	bian	gan	guan	dan	dian	duan			
				can	cuan	chan	chuan	qian	quan	pan	pian	kan	kuan	tan	tian	tuan			
				san	suan	shan	shuan	xian	xuan	fan		han	huan						
						ran	ruan	yan	yuan	wan		an					V_ν		
								nian		man	mian			nan		nuan			
								lian	(lüan)					lan		luan		V^y	
				$C^a\forall^y_\zeta$	$C^w\forall^y_\zeta$	$C^a\forall^y_\zeta$	$C^w\forall^y_\zeta$	$C^a_y\forall^y_\zeta$	$C^w_y\forall^y_\zeta$	$C^a_w\forall^y_\zeta$	$C^y_w\forall^y_\zeta$	$C^a_a\forall^y_\zeta$	$C^w_a\forall^y_\zeta$	$C^a\forall^y_\zeta$	$C^y\forall^y_\zeta$	$C^w\forall^y_\zeta$			
				zai		zhai	zhuai			bai		gai	guai	dai					
				cai		chai	chuai			pai		kai	kuai	tai					
				sai		shai	shuai					hai	huai						
										wai		ai					V_ζ		
										mai				nai					
														lai					
				$C^a\forall^w_\nu$	$C^w\forall^w_\nu$	$C^a\forall^w_\nu$	$C^w\forall^w_\nu$	$C^a_y\forall^w_\nu$	$C^w_y\forall^w_\nu$	$C^a_w\forall^w_\nu$	$C^y_w\forall^w_\nu$	$C^a_a\forall^w_\nu$	$C^w_a\forall^w_\nu$	$C^a\forall^w_\nu$	$C^y\forall^w_\nu$	$C^w\forall^w_\nu$			
				zang		zhang	zhuang	jiang		bang		gang	guang	dang					
				cang		chang	chuang	qiang		pang		kang	kuang	tang					
				sang		shang	shuang	xiang		fang		hang	huang						
						rang		yang		wang		ang					V_ν		$\forall$
								niang		mang				nang					
								liang						lang				V^w	
				$C^a\forall^w_\zeta$	$C^w\forall^w_\zeta$	$C^a\forall^w_\zeta$	$C^w\forall^w_\zeta$	$C^a_y\forall^w_\zeta$	$C^w_y\forall^w_\zeta$	$C^a_w\forall^w_\zeta$	$C^y_w\forall^w_\zeta$	$C^a_a\forall^w_\zeta$	$C^w_a\forall^w_\zeta$	$C^a\forall^w_\zeta$	$C^y\forall^w_\zeta$	$C^w\forall^w_\zeta$			
				zao		zhao		jiao		bao	biao	gao		dao	diao				
				cao		chao		qiao		pao	piao	kao		tao	tiao				
				sao		shao		xiao				hao					V_ζ		
						rao		yao		mao	miao	ao		nao					
								niao						lao					
								liao											
				$C^a\forall^a_\zeta$	$C^w\forall^a_\zeta$	$C^a\forall^a_\zeta$	$C^w\forall^a_\zeta$	$C^a_y\forall^a_\zeta$	$C^w_y\forall^a_\zeta$	$C^a_w\forall^a_\zeta$	$C^y_w\forall^a_\zeta$	$C^a_a\forall^a_\zeta$	$C^w_a\forall^a_\zeta$	$C^a\forall^a_\zeta$	$C^y\forall^a_\zeta$	$C^w\forall^a_\zeta$			
				za		zha	zhua	jia		ba		ga	gua	da					
				ca		cha	chua	qia		pa		ka	kua	ta					
				sa		sha	shua	xia		fa		ha	hua						
							(rua)	ya		wa		a					V_ζ	V^a	
										ma				na					
								lia						la					
				$C^a\exists^y_\nu$	$C^w\exists^y_\nu$	$C^a\exists^y_\nu$	$C^w\exists^y_\nu$	$C^a_y\exists^y_\nu$	$C^w_y\exists^y_\nu$	$C^a_w\exists^y_\nu$	$C^y_w\exists^y_\nu$	$C^a_a\exists^y_\nu$	$C^w_a\exists^y_\nu$	$C^a\exists^y_\nu$	$C^y\exists^y_\nu$	$C^w\exists^y_\nu$			
				zen	zun	zhen	zhun	jin	jun	ben	bin	gen	gun	(den)		dun			
				cen	cun	chen	chun	qin	qun	pen	pin	ken	kun			tun			
				sen	sun	shen	shun	xin	xun	fen		hen	hun						
						ren	run	yin	yun	wen		en					V_ν		
								nin		men	min			nen		nun		V^y	
								lin								lun			
				$C^a\exists^y_\zeta$	$C^w\exists^y_\zeta$	$C^a\exists^y_\zeta$	$C^w\exists^y_\zeta$	$C^a_y\exists^y_\zeta$	$C^w_y\exists^y_\zeta$	$C^a_w\exists^y_\zeta$	$C^y_w\exists^y_\zeta$	$C^a_a\exists^y_\zeta$	$C^w_a\exists^y_\zeta$	$C^a\exists^y_\zeta$	$C^y\exists^y_\zeta$	$C^w\exists^y_\zeta$			
				zei	zui	zhei	zhui			bei		gei	gui	dei		dui			
					cui		chui			pei			kui			tui			
					sui	shei	shui			fei		hei	hui				V_ζ		
							rui			wei		(ei)							
										mei				nei					
														lei					
				$C^a\exists^w_\nu$	$C^w\exists^w_\nu$	$C^a\exists^w_\nu$	$C^w\exists^w_\nu$	$C^a_y\exists^w_\nu$	$C^w_y\exists^w_\nu$	$C^a_w\exists^w_\nu$	$C^y_w\exists^w_\nu$	$C^a_a\exists^w_\nu$	$C^w_a\exists^w_\nu$	$C^a\exists^w_\nu$	$C^y\exists^w_\nu$	$C^w\exists^w_\nu$			
				zeng	zong	zheng	zhong	jing	jiong	beng	bing	geng	gong	deng	ding	dong			
				ceng	cong	cheng	chong	qing	qiong	peng	ping	keng	kong	teng	ting	tong			
				seng	song	sheng		xing	xiong	feng		heng	hong						
						reng	rong	ying	yong	weng		(eng)					V_ν		$\exists$
								ning		meng	ming			neng		nong			
								ling						leng		long		V^w	
				$C^a\exists^w_\zeta$	$C^w\exists^w_\zeta$	$C^a\exists^w_\zeta$	$C^w\exists^w_\zeta$	$C^a_y\exists^w_\zeta$	$C^w_y\exists^w_\zeta$	$C^a_w\exists^w_\zeta$	$C^y_w\exists^w_\zeta$	$C^a_a\exists^w_\zeta$	$C^w_a\exists^w_\zeta$	$C^a\exists^w_\zeta$	$C^y\exists^w_\zeta$	$C^w\exists^w_\zeta$			
				zou		zhou		jiu				gou		dou	diu				
				cou		chou		qiu		pou		kou		tou					
				sou		shou		xiu		fou		hou					V_ζ		
						rou		you			miu	ou		nou					
								niu		mou				lou					
								liu											
				$C^a\exists^a_\zeta$	$C^w\exists^a_\zeta$	$C^a\exists^a_\zeta$	$C^w\exists^a_\zeta$	$C^a_y\exists^a_\zeta$	$C^w_y\exists^a_\zeta$	$C^a_w\exists^a_\zeta$	$C^y_w\exists^a_\zeta$	$C^a_a\exists^a_\zeta$	$C^w_a\exists^a_\zeta$	$C^a\exists^a_\zeta$	$C^y\exists^a_\zeta$	$C^w\exists^a_\zeta$			
				ze	zuo	zhe	zhuo	jie	jue	bo	bie	ge	guo	de	die	duo			
				ce	cuo	che	chuo	qie	que	po	pie	ke	kuo	te	tie	tuo			
				se	suo	she	shuo	xie	xue	fo		he	huo				V_ζ	V^a	
						re	ruo	ye	yue	wo		e		(ne)		nuo			
								nie	nüe	mo	mie			le		luo			
								lie	lüe										
				$C^a\Upsilon_\zeta$	$C^w\Upsilon_\zeta$	$C^a\Upsilon_\zeta$	$C^w\Upsilon_\zeta$	$C^a_y\Upsilon_\zeta$	$C^w_y\Upsilon_\zeta$	$C^a_w\Upsilon_\zeta$	$C^y_w\Upsilon_\zeta$	$C^a_a\Upsilon_\zeta$	$C^w_a\Upsilon_\zeta$	$C^a\Upsilon_\zeta$	$C^y\Upsilon_\zeta$	$C^w\Upsilon_\zeta$			
				zi	zu	zhi	zhu	ji	ju	bu	bi		gu		di	du			
				ci	cu	chi	chu	qi	qu	pu	pi		ku		ti	tu			
				si	su	shi	shu	xi	xu	fu		er	hu				V_ζ		Υ
						ri	ru	yi	yu	wu									
								ni	nü	mu	mi					nu			
								li	lü							lu			

obstr	early (unaspirated)
	late (aspirated)
cont	late (voiceless fric)
	early onset (voiced)
	fricative: appr
	fricative: nasal
	fricative: lateral