

1. PNG marking of consonant-initial verbs

POS					NEG				
IMP X(A)					i + X(I) + š(i)/šay				
IMP.SG			X		i		X		š(i)
IMP.PL			X	-at	i		X	-at	š(i)
AOR FUT: ša + X(A)					ša + X(A) + š(i)/šay				
A.1S	ša		X/	-a/	ša		X/	-ağ/	šay
			X(-V)	-ğ			X(-V)	-ğ	
A.2S	ša	t-	X	-d	ša	t-	X	-d	šay
A.3MS	ša	y-	X		ša	y-	X		šay
A.3FS	ša	t-	X		ša	t-	X		šay
A.1P	ša	n-	X		ša	n-	X		šay
A.2P	ša	t-	X	-m	ša	t-	X	-m	šay
A.3P	ša		X	-n	ša		X	-n	šay
PERF X(P)					u + X(P) + š(i)/šay				
P.1S			X/	-a/	u		X/	-ağ	šay
			X(-V)	-ğ			X(-V)	-ğ	
P.2S		h-	X	-d	u	h-	X	-d	šay
P.3MS		i-	X		u	y-	X		šay
P.3FS		h-	X		u	h-	X		šay
P.1P		n-	X		u	n-	X		šay
P.2P		h-	X	-m	u	h-	X	-m	šay
P.3P			X	-n	u		X	-n	šay
IPF X(I)					u + X(I) + š(i)/šay				
I.1S			X/	-a/	u		X/	-ağ/	šay
			X(-V)	-ğ			X(-V)	-ğ	
I.2S		h-	X	-d	u	h-	X	-d	šay
I.3MS		i-	X		u	y-	X		šay
I.3FS		h-	X		u	h-	X		šay
I.1P		n-	X		u	n-	X		šay
I.2P		h-	X	-m	u	h-	X	-m	šay
I.3P			X	-n	u		X	-n	šay
REL									
A(FUT)	a ylla	ša + X(A)			a ylla	ša + X(A) + š(i)/šay			
A.3MS	ša	y-	X		ša	y-	X		šay
A.3FS	ša	t-	X		ša	t-	X		šay
A.3PL	ša		X	-n	ša		X	-n	šay
RF.P	a + y-	X(P)-n			a + y-	X(P)-n + š(i)/šay			
RF.P	a	y-	X	-n	a	y-	X	-n	šay
RF.IPF	a + y-	X(I)-n			a + y-	X(I)-n + š(i)/šay			
RF.I	a	y-	X	-n	a	y-	X	-n	šay

Example: verb *krez* ‘to plow’

POS					NEG				
IMP	X(A)				i + X(I) + š(i)/šay				
IMP.SG			<u>k</u> rez		i		<u>k</u> errez		š(i)
IMP.PL			<u>k</u> erz	-aṭ	i		<u>k</u> er(r)z	-aṭ	š(i)
AOR	FUT: ša + X(A)				ša + X(A) + š(i)/šay				
A.1S	ša		<u>k</u> erz	-a	ša		<u>k</u> erz	-aḡ	šay
A.2S	ša	t-	<u>k</u> erze	-ḍ	ša	t-	<u>k</u> erze	-ḍ	šay
A.3MS	ša	y-	e <u>k</u> rez		ša	y-	e <u>k</u> rez		šay
A.3FS	ša	t-	e <u>k</u> rez		ša	t-	e <u>k</u> rez		šay
A.1P	ša	n-	e <u>k</u> rez		ša	n-	e <u>k</u> rez		šay
A.2P	ša	t-	<u>k</u> erze	-m	ša	t-	<u>k</u> erze	-m	šay
A.3P	ša		<u>k</u> erze	-n	ša		<u>k</u> erze	-n	šay
PERF	X(P)				u + X(P) + š(i)/šay				
P.1S			<u>k</u> erz	-a	u		<u>k</u> erz	-aḡ	šay
P.2S		h-	<u>k</u> erze	-ḍ	u	h-	<u>k</u> erze	-ḍ	šay
P.3MS		i-	<u>k</u> rez		u	y-	e <u>k</u> rez		šay
P.3FS		h-	e <u>k</u> rez		u	h-	e <u>k</u> rez		šay
P.1P		n-	e <u>k</u> rez		u	n-	e <u>k</u> rez		šay
P.2P		h-	<u>k</u> erze	-m	u	h-	<u>k</u> erze	-m	šay
P.3P			<u>k</u> erze	-n	u		<u>k</u> erze	-n	šay
IPF	X(I)				u + X(I) + š(i)/šay				
I.1S			<u>k</u> er(r)z	-a	u		<u>k</u> er(r)z	-aḡ	šay
I.2S		h-	<u>k</u> er(r)ze	-ḍ	u	h-	<u>k</u> er(r)ze	-ḍ	šay
I.3MS		i-	<u>k</u> errez		u	y-	<u>k</u> errez		šay
I.3FS		h-	<u>k</u> errez		u	h-	<u>k</u> errez		šay
I.1P		n-	<u>k</u> errez		u	n-	<u>k</u> errez		šay
I.2P		h-	<u>k</u> er(r)ze	-m	u	h-	<u>k</u> er(r)ze	-m	šay
I.3P			<u>k</u> er(r)ze	-n	u		<u>k</u> er(r)ze	-n	šay
REL									
A(FUT)	a ylla	ša + X(A)			a ylla	ša + X(A) + š(i)/šay			
A.3MS	ša	y-	e <u>k</u> rez		ša	y-	e <u>k</u> rez		šay
A.3FS	ša	t-	e <u>k</u> rez		ša	t-	e <u>k</u> rez		šay
A.3PL	ša		<u>k</u> erze	-n	ša		<u>k</u> erze	-n	šay
RF.P	a	y-	<u>k</u> erze	-n	a	y-	<u>k</u> erze	-n	šay
RF.I.	a	y-	<u>k</u> er(r)ze	-n	a	y-	<u>k</u> er(r)ze	-n	šay

Example: verb (*he*)*k(k)* ‘to give’

POS					NEG				
IMP	X(A)				i + X(I) + š(i)/šay				
IMP.SG			hekk		i		tak		š(i)
IMP.PL			kk	-at	i		tak	-at	š(i)
AOR	FUT: ša + X(A)				ša + X(A) + š(i)/šay				
A.1S	ša		kk	-a	ša		kk	-ağ	šay
A.2S	ša	t-	ekke	-d	ša	t-	ekke	-d	šay
A.3MS	ša	y-	ek		ša	y-	ek		šay
A.3FS	ša	t-	ek		ša	t-	ek		šay
A.1P	ša	n-	ek		ša	n-	ek		šay
A.2P	ša	t-	ekki	-m	ša	t-	ekki	-m	šay
A.3P	ša		kki	-n	ša		kki	-n	šay
PERF	X(P)				u + X(P) + š(i)/šay				
P.1S			kki	-ğ	u		kki	-ğ	šay
P.2S		h-	ekki	-d	u	h-	ekki	-d	šay
P.3MS		i-	kka		u	y-	kka		šay
P.3FS		h-	ekka		u	h-	ekka		šay
P.1P		n-	ekka		u	n-	ekka		šay
P.2P		h-	ekka	-m	u	h-	ekka	-m	šay
P.3P			kka	-n	u		kka	-n	šay
IPF	X(I)				u + X(I) + š(i)/šay				
I.1S			tak	-a	u		tak	-ağ	šay
I.2S		h-	tekke	-d	u	h-	tekke	-d	šay
I.3MS		i-	tak		u	y-	tak		šay
I.3FS		h-	tak		u	h-	tak		šay
I.1P		n-	tak		u	n-	tak(k)		šay
I.2P		h-	taka	-m	u	h-	taka	-m	šay
I.3P			taka	-n	u		taka	-n	šay
REL									
A	a ylla ša + X(A)				a ylla ša + X(A) + š(i)/šay				
A.3MS	ša	y-	ek		ša	y-	ek		šay
A.3FS	ša	t-	ek		ša	t-	ek		šay
A.3PL	ša		kki	-n	ša		kki	-n	šay
RF.P	a	y-	kka	-n	a	y-	kka	-n	šay
RF.I.	a	y-	taka	-n	a	y-	taka	-n	šay

Example: verb *zyu* ‘to slaughter’

POS					NEG				
IMP	X(A)				i + X(I) + š(i)/šay				
IMP.SG			zyu		i		tezya		š(i)
IMP.PL			zuy	-aṭ	i		tzy[a]	-aṭ	š(i)
AOR	FUT: ša + X(A)				ša + X(A) + š(i)/šay				
A.1S	ša		zyu	-ġ	ša		zyu	-ġ	šay
A.2S	ša	t-	ezyu	-ḍ	ša	t-	ezyu	-ḍ	šay
A.3MS	ša	y-	zyu		ša	y-	zyu		šay
A.3FS	ša	t-	zyu		ša	t-	zyu		šay
A.1P	ša	n-	ezyu		ša	n-	ezyu		šay
A.2P	ša	t-	ezyu	-m	ša	t-	ezyu	-m	šay
A.3P	ša		zyu	-n	ša		zyu	-n	šay
PERF	X(P)				u + X(P) + š(i)/šay				
P.1S			zyi	-ġ	u		zyi	-ġ	šay
P.2S		h-	ezyi	-ḍ	u	h-	ezyi	-ḍ	šay
P.3MS		i-	zya		u	y-	zya		šay
P.3FS		h-	ezya		u	h-	ezya		šay
P.1P		n-	ezya		u	n-	ezya		šay
P.2P		h-	ezya	-m	u	h-	ezya	-m	šay
P.3P			zya	-n	u		zya	-n	šay
IPF	X(I)				u + X(I) + š(i)/šay				
I.1S			tezyi	-ġ	u		tezyi	-ġ	šay
I.2S		h-	etezyi	-ḍ	u	h-	etezyi	-ḍ	šay
I.3MS		i-	tezya		u	y-	tezya		šay
I.3FS		h-	etezya		u	h-	etezya		šay
I.1P		n-	etezya		u	n-	etezya		šay
I.2P		h-	etezya	-m	u	h-	etezya	-m	šay
I.3P			tezya	-n	u		tezya	-n	šay
REL									
A	a ylla ša + X(A)				a ylla ša + X(A) + š(i)/šay				
A.3MS	ša	y-	zyu		ša	y-	zyu		šay
A.3FS	ša	t-	zyu		ša	t-	zyu		šay
A.3PL	ša		zyu	-n	ša		zyu	-n	šay
RF.P	a	y-	zya	-n	a	y-	X	-n	šay
RF.I	a	y-	tezya	-n	a	y-	X	-n	šay

2. PNG marking of consonant-initial verbs with ventive

POS						NEG					
IMP X(A) + (i/a)d						u + d + i + X(I) + š(i)/šay					
IMP.SG			X		id	u	d	i	X		š(i)
IMP.PL			X	-a(ø)	d	u	d	i	X	-at	š(i)
AOR FUT: ša + d + X(A)						ša + d + X(A) + š(i)/šay					
A.1S	ša	d		X/	-a/	ša	d		X/	-ağ/	šay
				X(-V)	-ğ				X(-V)	-ğ	
A.2S	ša	d	ø	X	-d	ša	d	ø	X	-d	šay
A.3MS	ša	d	i-	X		ša	d	i-	X		šay
A.3FS	ša	d	ø	X		ša	d	ø	X		šay
A.1P ša d n- X						ša d n- X					
A.2P	ša	d	ø	X	-m	ša	d	ø	X	-m	šay
A.3P	ša	d		X	-n	ša	d		X	-n	šay
PERF X(P) + d						u + d + X(P) + š(i)/šay					
P.1S				X/	-ağ/	u	d		X/	-ağ/	šay
				X(-V)	-ğ				X(-V)	-ğ	
P.2S		h-	X	ø	d	u	d	ø	X	-d	šay
P.3MS		i-	X		d	u	d	i-	X		šay
P.3FS		h-	X		d	u	d	ø	X		šay
P.1P		n-	X		d	u	d	n-	X		šay
P.2P		h-	X	-m	d	u	d	ø	X	-m	šay
P.3P			X	-n	d	u	d		X	-n	šay
IPF X(I) + d						u + d + X(I) + š(i)/šay					
I.1S				X/	-ağ/	u	d		X/	-ağ/	šay
				X(-V)	-ğ				X(-V)	-ğ	
I.2S		h-	X	ø	d	u	d	ø	X	-d	šay
I.3MS		i-	X		d	u	d	i-	X		šay
I.3FS		h-	X		d	u	d	ø	X		šay
I.1P		n-	X		d	u	d	n-	X		šay
I.2P		h-	X	-m	d	u	d	ø	X	-m	šay
I.3P			X	-n	d	u	d		X	-n	šay
REL a + d + i-X(P;I)-n						a + d + i-X(P;I)-n + š(i)/šay					
RF.P	a	d	i-	X(P)	-n	a	d	i-	X(P)	-n	šay
RF.I	a	d	i-	X(I)	-n	a	d	i-	X(I)	-n	šay

Example: verb *rhi* ‘to go down’ + VENT

POS					NEG							
IMP	X(A) + (i/a)d				u + d + X(I) + š(i)/šay							
IMP.SG			rh[i]	-id	u	d	i	rehhi		š(i)		
IMP.PL			rehy	-ad	u	d	i	rhy	-at	š(i)		
AOR	FUT: ša + d + X(A)				ša + d + X(A) + š(i)/šay							
A.1S	ša	d	erhi	-ġ	ša	d		erhi	-ġ	šay		
A.2S	ša	d	erhi	-d	ša	d		erhi	-d	šay		
A.3MS	ša	d	i-	rhi	ša	d	i-	rhi		šay		
A.3FS	ša	d		erhi	ša	d		erhi		šay		
A.1P	ša	d	n-	erhi	ša	d	n-	erhi		šay		
A.2P	ša	d		erhi	ša	d		erhi	-m	šay		
A.3P	ša	d		erhi	ša	d		erhi	-n	šay		
PERF	X(P) + d				u + d + X(P) + š(i)/šay							
P.1S			rhi	-ġ	d	u	d		rhi	-ġ	šay	
P.2S			h-	erhi		d		erhi	-d	šay		
P.3MS			i-	rha		d	i-	rha		šay		
P.3FS			h-	erha		d		erha		šay		
P.1P			n-	erha		d	n-	erha		šay		
P.2P			h-	erha	-m	d	u	d		erha	-m	šay
P.3P				rha	-n	d	u	d		rha	-n	šay
IPF	X(I) + d				u + d + X(I) + š(i)/šay							
I.1S			rehhi	-ġ	d	u	d		rehhi	-ġ	šay	
I.2S			h-	rehhi		d		rehhi	-d	šay		
I.3MS			i-	rehhi		d	i-	rehhi		šay		
I.3FS			h-	rehhi		d		rehhi		šay		
I.1P			n-	rehhi		d	n-	rehhi		šay		
I.2P			h-	rehhi	-m	d	u	d		rehhi	-m	šay
I.3P				rehhi	-n	d	u	d		rehhi	-n	šay
REL												
RF.P	a	d	i-	rha	-n	a	d	i-	rha	-n	šay	
RF.I.	a	d	i-	rehhi	-n	a	d	i-	rehhi	-n	šay	

3. PNG marking of vowel-initial verbs

POS					NEG				
IMP	X(A) (a-)				i + X(I) + š(i)/šay (tt-)				
IMP.SG		X			i		X		š(i)
IMP.PL		X		-at̚	i		X		-at̚ š(i)
AOR	FUT: ša + X(A) (a-)				ša + X(A) + š(i)/šay				
A.1S	ša	d-	X/	-a/	ša	d-	X/	-ağ/	šay
			X(-V)	-ğ			X(-V)	ğ	
A.2S	ša	t-	X	-d̥	ša	t-	X	-d̥	šay
A.3MS	ša	y-	X		ša	y-	X		šay
A.3FS	ša	t-	X		ša	t-	X		šay
A.1P	ša	n-	X		ša	n-	X		šay
A.2P	ša	t-	X	-m	ša	t-	X	-m	šay
A.3P	ša	d-	X	-n	ša	d-	X	-n	šay
PERF	X(P) (u-)				u + X(P) + š(i)/šay				
P.1S			X/	-a	(u	d-	X/	-ağ/	šay
			X(-V)				X(-V)	-ğ	
P.2S	h-	X		-d̥	u	h-	X	-d̥	šay
P.3MS	i-	X			u/	y-/	X/		šay
					ø	i-	X(w-)		
P.3FS	h-	X			u	h-	X		šay
P.1P	n-	X			u	n-	X		šay
P.2P	h-	X		-m	u	h-	X	-m	šay
P.3P		X		-n	(u	d-	X	-n	šay
IPF	X(I) (tt-)				u + X(I) + š(i)/šay				
I.1S			X/	-a/	u		X/	-ağ/	šay
			X(-V)	-ğ			X(-V)	-ğ	
I.2S	h-	X		-d̥	u	h-	X	-d̥	šay
I.3MS	i-	X			u	y-	X		šay
I.3FS	h-	X			u	h-	X		šay
I.1P	n-	X			u	n-	X		šay
I.2P	h-	X		-m	u	h-	X	-m	šay
I.3P		X		-n	u		X	-n	šay
REL	a + y-X(P;I)-n				a + y-X(P;I)-n + š(i)/šay				
RF.P	a	y-	X(P)	-n	a	y-	X(P)	-n	šay
RF.I	a	y-	X(I)	-n	a	y-	X(I)	-n	šay

Example: verb *asi* ‘to lift, raise’

POS					NEG				
IMP	X(A) (a-)				i + X(I) + š(i)/šay (tt-)				
IMP.SG			asi		i		ttasi		š(i)
IMP.PL			asy	-aṭ	i		ttasy	-aṭ	š(i)
AOR	FUT: ša + X(A) (a-)				ša + X(A) + š(i)/šay				
A.1S	ša	ḍ-	asi	-ḡ	ša	ḍ-	asi	-ḡ	šay
A.2S	ša	t-	asi	-ḍ	ša	t-	asi	-ḍ	šay
A.3MS	ša	y-	asi		ša	y-	asi		šay
A.3FS	ša	t-	asi		ša	t-	asi		šay
A.1P	ša	n-	asi		ša	n-	asi		šay
A.2P	ša	t-	asi	-m	ša	t-	asi	-m	šay
A.3P	ša	ḍ-	asi	-n	ša	ḍ-	asi	-n	šay
PERF	X(P) (u-)				u + X(P) + š(i)/šay				
P.1S			usi	-ḡ	(u	ḍ-)	usi	-ḡ	šay
P.2S		h-	usi	-ḍ	u	h-	usi	-ḍ	šay
P.3MS		i-	wsi		u/	y-/	usi/		šay
					ø	i-	wsi		
P.3FS		h-	usi		u	h-	usi		šay
P.1P		n-	usi		u	n-	usi		šay
P.2P		h-	usi	-m	u	h-	usi	-m	šay
P.3P			usi	-n	(u	ḍ-)	usi	-n	šay
IPF	X(I) (tt-)				u + X(I) + š(i)/šay				
I.1S			ttasi	-ḡ	u		ttasi	-ḡ	šay
I.2S		h-	ettasi	-ḍ	u	h-	ettasi	-ḍ	šay
I.3MS		i-	ttasi		u	y-	ttasi		šay
I.3FS		h-	ettasi		u	h-	ettasi		šay
I.1P		n-	ettasi		u	n-	ettasi		šay
I.2P		h-	ettasi	-m	u	h-	ettasi	-m	šay
I.3P			ttasi	-n	u		ttasi	-n	šay
REL									
RF.P	a	y-	usi	-n	a	y-	usi	-n	šay
RF.I.	a	y-	ttasi	-n	a	y-	ttasi	-n	šay

4. PNG marking of vowel-initial verbs with ventive

POS						NEG					
IMP X(A) + (i/a)d						u + d + i + X(I) + š(i)/šay					
IMP.SG			X	-id		u	d	i	X		š(i)
IMP.PL			X	-ad		u	d	i	X	-at	š(i)
AOR FUT: ša + d+ X(A)						ša + X(A) + š(i)/šay					
A.1S	ša	d	X/	-a		ša	d		X/	-ağ/	šay
			X(-V)	-ğ					X(-V)	-ğ	
A.2S	ša	d	ø	X	-d	ša	d	ø	X	-d	šay
A.3MS	ša	d	y-	X		ša	d	y-	X		šay
A.3FS	ša	d	ø	X		ša	d	ø	X		šay
A.1P	ša	d	n-	X		ša	d	n-	X		šay
A.2P	ša	d	ø	X	-m	ša	d	ø	X	-m	šay
A.3P	ša	d		X	-n	ša	d		X	-n	šay
PERF X(P) + d						u + d + X(P) + š(i)/šay					
P.1S			X/	-ağ	d	u	d		X	-ağ/	šay
			X(-V)	-ğ					X(-V)	-ğ	
P.2S		h-	X	ø	d	u	d	ø	X	-d	šay
P.3MS		i-	X		d	u	d	i-	(w)X		šay
P.3FS		h-	X		d	u	d	ø	X		šay
P.1P		n-	X		d	u	d	n-	X		šay
P.2P		h-	X	-m	d	u	d	ø	X	-m	šay
P.3P			X	-n	d	u	d		X	-n	šay
IPF X(I) + d; X(I): tt-						u + d + X(I) + š(i)/šay					
I.1S			X/	-ağ	d	u	d		X/	-ağ	šay
			X(-V)	-ğ					X(-V)	-ğ	
I.2S		h-	X	ø	d	u	d	ø	X	-d	šay
I.3MS		i-	X		d	u	d	i-	X		šay
I.3FS		h-	X		d	u	d	ø	X		šay
I.1P		n-	X		d	u	d	n-	X		šay
I.2P		h-	X	-m	d	u	d	ø	X	-m	šay
I.3P			X	-n	d	u	d		X	-n	šay
REL a + d + i-X(P;I)-n						a + d + i-X(P;I)-n + š(i)/šay					
RF.P	a	d	i-	X	-n	a	d	i-	X	-n	šay
RF.I	a	d	i-	X	-n	a	d	i-	X	-n	šay

Example: verb *asi* ‘lift, raise’ + VENT

POS						NEG					
IMP	X(A) + (i/a)d					u + d + i + X(I) + š(i)/šay					
IMP.SG			as[i]	-id		u	d	i	ttasi	š(i)	
IMP.PL			asy	-ad		u	d	i	ttasy	-at	š(i)
AOR	FUT: ša + d+ X(A)					ša + X(A) + š(i)/šay					
A.1S	ša	d		asi	-ġ	ša	d		asi	-ġ	šay
A.2S	ša	d		asi	-ġ	ša	d		asi	-ġ	šay
A.3MS	ša	d	y-	asi		ša	d	y-	asi		šay
A.3FS	ša	d		asi		ša	d		asi		šay
A.1P	ša	d	n-	asi		ša	d	n-	asi		šay
A.2P	ša	d		asi	-m	ša	d		asi	-m	šay
A.3P	ša	d		asi	-n	ša	d		asi	-n	šay
PERF	X(P) + d					u + d + X(P) + š(i)/šay					
P.1S				usi	-ġ	u	d		usi	-ġ	šay
P.2S			h-	usi		u	d		usi	-ġ	šay
P.3MS			i-	wsi		u	d	i-	wsi		šay
P.3FS			h-	usi		u	d		usi		šay
P.1P			n-	usi		u	d	n-	usi		šay
P.2P			h-	usi	-m	u	d		usi	-m	šay
P.3P				usi	-n	u	d		usi	-n	šay
IPF	X(I) + d					u + d + X(I) + š(i)/šay					
I.1S				ttasi	-ġ	u	d		ettasi	-ġ	šay
I.2S			h-	ettasi		u	d		ettasi	-ġ	šay
I.3MS			i-	ttasi		u	d	i-	ttasi		šay
I.3FS			h-	ettasi		u	d		ettasi		šay
I.1P			n-	ettasi		u	d	n-	ettasi		šay
I.2P			h-	ettasi	-m	u	d		ettasi	-m	šay
I.3P				ttasi	-n	u	d		ettasi	-n	šay
REL											
RF.P	a	d	i-	wsi	-n	a	d	i-	wsi	-n	šay
RF.I.	a	d	i-	ttasi	-n	a	d	i-	ttasi	-n	šay

5. Stative marking (“full scheme”)

POS					NEG				
FUT	ša + verb ‘to be’/A + X				ša + verb ‘to be’/A + š(ay) + X				
1MS	ša	yyi-ġ	X		ša	yyi-ġ	šay	X	
1FS	ša	yyi-ġ	X	-t	ša	yyi-ġ	šay	X	-t
2MS	ša	t-iyi-d	X		ša	t-iyi-d	šay	X	
2FS	ša	t-iyi-d	X	-t	ša	t-iyi-d	šay	X	-t
3MS	ša	y-yi	X		ša	y-yi	šay	X	
3FS	ša	t-iyi	X	-t	ša	t-iyi	šay	X	-t
1P	ša	n-iyi	X	-n	ša	n-iyi	šay	X	-n
2P	ša	t-iyi-m	X	-n	ša	t-iyi-m	šay	X	-n
3P	ša	yyi-n	X	-n	ša	yyi-n	šay	X	-n
PERF	(optional: verb ‘to be’/P) + X				u + verb ‘to be’/P + š(ay) + X				
1MS		(lli-ġ)	X		u	lli-ġ	šay	X	
1FS		(lli-ġ)	X	-t	u	lli-ġ	šay	X	-t
2MS		(he-lli-d)	X		u	he-lli-d	šay	X	
2FS		(he-lli-d)	X	-t	u	he-lli-d	šay	X	-t
3MS		(ye-lla)	X		u	ye-lla	šay	X	
3FS		(he-lla)	X	-t	u	he-lla	šay	X	-t
1P		(ne-lla)	X	-n	u	ne-lla	šay	X	-n
2P		(he-lla-m)	X	-n	u	he-lla-m	šay	X	-n
3P		(la-n)	X	-n	u	lla-n	šay	X	-n
PST	ara + verb ‘to be’/P + X				ara + verb ‘to be’/P + š(ay) + X				
1MS	ara	lli-ġ	X		ara	lli-ġ	šay	X	
1FS	ara	lli-ġ	X	-t	ara	lli-ġ	šay	X	-t
2MS	ara	he-lli-d	X		ara	he-lli-d	šay	X	
2FS	ara	he-lli-d	X	-t	ara	he-lli-d	šay	X	-t
3MS	ara	ye-lla	X		ara	ye-lla	šay	X	
3FS	ara	he-lla	X	-t	ara	he-lla	šay	X	-t
1P	ara	ne-lla	X	-n	ara	ne-lla	šay	X	-n
2P	ara	he-lla-m	X	-n	ara	he-lla-m	šay	X	-n
3P	ara	lla-n	X	-n	ara	lla-n	šay	X	-n
REL									
RF	a	X-n				a	X-n šay		
~	a	ylla	X (F: X-t, PL: X-n)			a	yllan šay	X (F: X-t, PL: X-n)	

5(b). Stative marking (“short scheme”) and examples

PNG scheme				‘(to be) small’				‘(to be) big’			
MS		X		MS		mezzi		MS		meqqur	
FS		X	-t	FS		mezzi	-t	FS		meqqru	-t
PL		X	-n	PL		mezzi	-n	PL		meqqru	-n
RF	a	X	-n	RF	a	mezzi	-n	RF	a	meqqru	-n

6. Marking of adjectives and participles borrowed from Arabic

POS				NEG			
MS		X			ma	X	š
FS		X	-a		ma	X	-a š
PL		X	-in		ma	X	-in š
REL	a ylla	X (X-a, X-in)		a yllan	šay	X (X-a, X-in)	
				~ a ylla	ma	X (X-a, X-in)	š
				~ a ylla	w	X (X-a, X-in)	š

Example: adjective *mezyan* ‘good’

POS				NEG			
MS		mezyan			ma	mezyan	š
FS		mezyan	-a		ma	mezyan	-a š
PL		mezyan	-in		ma	mezyan	-in š
REL	a ylla	mezyan (-a, -in)		a yllan	šay	mezyan (-a, -in)	
				~ a ylla	ma	mezyan (-a, -in)	š
				~ aylla	w	mezyan (-a, -in)	š

Example: participle *mašši* ‘going’

POS				NEG			
MS		mašši			ma	mašši	š
FS		mašš(y)	-a		ma	mašš(y)	-a š
PL		mašš(y)	-in		ma	mašš(y)	-in š
REL	a ylla	mašši (-a, -in)		aylla	w	mašši (-a, -in)	š

Summary: Ketama Berber PNG marking sets

AOR (+/-) for C-initial verbs after (š)a; +VENT: “...”> ∅			AOR (+/-) for V-initial verbs after (š)a; +VENT: “...”> ∅			P(+/-)/C-initial = P(+)/V-initial = IPF for all verbs; +VENT: “...”> ∅			P.N for V-initial verbs; u = NEG1; +VENT: “(...)”> ∅						
1S	X	-a(ġ)	d-	X	-a(ġ)	X	-a(ġ)	(u d-)	X	-a(ġ)					
X(-V)	X	-ġ	d-	X	-ġ	X	-ġ	(u d-)	X	-ġ					
2S	t-	X	-d	t-	X	-d	h-	X	-d	u d-	X	-d			
3MS	y-	X		y-	X		y/i-	X		u y/	X				
										∅ i-					
3FS	t-	X		t-	X		h-	X		u h-	X				
1P	n-	X		n-	X		n-	X		u n-	X				
2P	t-	X	-m	t-	X	-m	h-	X	-m	u h-	X	-m			
3P		X	-n	d-	X	-n		X	-n	(u d-)	X	-n			
Stative verbs			Relative form				Imperative and IMP.N (Prohibitive)								
MS	X	-∅	Dynamic verbs				IMP (IMP.N)								
FS	X	-t	SG=PL	y-X-n			2S	(i)	X	-∅	(ši)				
PL	X	-n	Stative verbs				2P	(i)	X	-at	(ši)				
			SG=PL	X-n											
			~ a ylla X (F -t, PL -n)				IMP+VENT								
							2S		X	-∅	id				
Adjectives/Participles			ADJ/PTC				2P		X	-a	d				
MS	X	-∅	>no RF:			MS	X	-∅	IMP.N+VENT						
FS	X	-a	a ylla +			FS	X	-a	2S	u	d	i	X	(ši)	
PL	X	-in				PL	X	-in	2P	u	d	i	X	-at	(ši)