

Why Russian demonstratives look the way they do

Pavel Caha & Lucie Taraldsen Medová

The puzzle

- (1) a. ét-a žen-a
the-fem.nom woman-fem.nom

The puzzle

- (1) a. ét-**a** žen-**a**
the-fem.nom woman-fem.nom
- b. ét-**u** žen-**u**
the-fem.acc woman-fem.acc

The puzzle

- (1) a. ét-**a** žen-**a**
the-fem.nom woman-fem.nom
- b. ét-**u** žen-**u**
the-fem.acc woman-fem.acc
- c. ét-**oj** žen-**y**
that-fem.gen woman-fem.gen

The paradigm

Table: Declension II and a feminine DEM (Timberlake 2004)

	woman	this
	DECL II	FEM.SG
NOM	žen-a	et-a
ACC	žen-u	et-u
GEN	žen-y	et-oj
LOC	žen-e	et-oj
DAT	žen-e	et-oj
INS	žen-oj	et-oj(u)

The root-size proposal

Segmenting the paradigm

The root-size proposal

The gap proposal

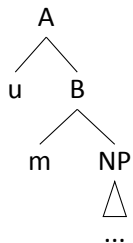
Appendix

(2) Taraldsen (2010: 1529)

class	DEM	DEM	noun
1	lo	la+u	u -m-N
3	lo	la+u	u -m-N
4	le	la+i	i -mi-N
6	la	la+a	a -ma-N
9	le	la+i	i -n-N

(2) Taraldsen (2010: 1529)

class	DEM	DEM	noun
1	lo	la+u	u -m-N
3	lo	la+u	u -m-N
4	le	la+i	i -mi-N
6	la	la+a	a -ma-N
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(2) Taraldsen (2010: 1529)

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6	la	la+a	a -ma-N
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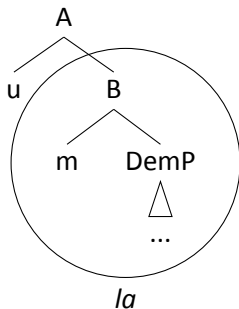
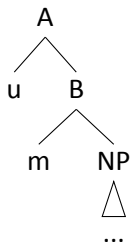


Table: Digor (Erschler 2018)

	three		horse
NOM	ært-	æ	bæx-∅
ACC	ært-	æ	bæx-i
GEN	ært-	e -j	bæx-i
LOC (INE)	ært-	em -i	bæx-i
DAT	ært-	em -æn	bæx-æn
INS (ABL)	ært-	em -æj	bæx-æj
ADE	ært-	e -bæl	bæx-bæl
ALL	ært-	e -mæ	bæx-mæ

Table: Digor (Erschler 2018)

	three		horse
NOM	ært-	æ	bæx-∅
ACC	ært-	æ	bæx-i
GEN	ært-	e -j	bæx-i
LOC (INE)	ært-	em -i	bæx-i
DAT	ært-	em -æn	bæx-æn
INS (ABL)	ært-	em -æj	bæx-æj
ADE	ært-	e -bæl	bæx-bæl
ALL	ært-	e -mæ	bæx-mæ

Table: Digor (Erschler 2018)

	three		horse
NOM	ært-	æ	bæx-∅
ACC	ært-	æ	bæx-i
GEN	ært-	e -j	bæx-i
LOC (INE)	ært-	em -i	bæx-i
DAT	ært-	em -æn	bæx-æn
INS (ABL)	ært-	em -æj	bæx-æj
ADE	ært-	e -bæl	bæx-bæl
ALL	ært-	e -mæ	bæx-mæ

Table: Digor (Erschler 2018)

	this	three		horse
NOM	a	ært-	æ	bæx-∅
ACC	a	ært-	æ	bæx-i
GEN	a- j	ært-	e -j	bæx-i
LOC (INE)	a-m-i	ært-	em -i	bæx-i
DAT	a-m-æn	ært-	em -æn	bæx-æn
INS (ABL)	a-m-æj	ært-	em -æj	bæx-æj
ADE	a- bæł	ært-	e -bæł	bæx-bæł
ALL	a- mæ	ært-	e -mæ	bæx-mæ

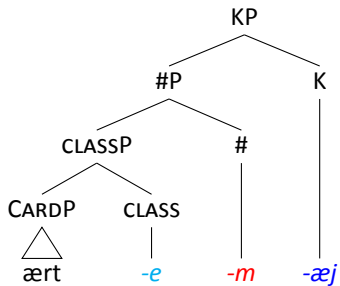
Table: Digor (Erschler 2018)

	this	three		horse
NOM	a	ært-	æ	bæx-∅
ACC	a	ært-	æ	bæx-i
GEN	a- j	ært-	e -j	bæx-i
LOC (INE)	a-m-i	ært-	em -i	bæx-i
DAT	a-m-æn	ært-	em -æn	bæx-æn
INS (ABL)	a-m-æj	ært-	em -æj	bæx-æj
ADE	a- bæł	ært-	e -bæł	bæx-bæł
ALL	a- mæ	ært-	e -mæ	bæx-mæ

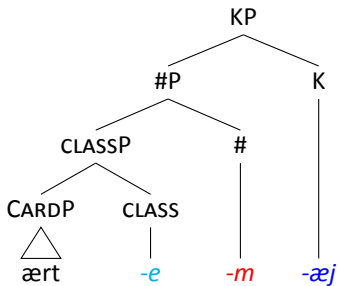
Table: Digor (Erschler 2018)

	this	three		horse
NOM	a	ært-	æ	bæx-∅
ACC	a	ært-	æ	bæx-i
GEN	a- j	ært-	e -j	bæx-i
LOC (INE)	a-m-i	ært-	em -i	bæx-i
DAT	a-m-æn	ært-	em -æn	bæx-æn
INS (ABL)	a-m-æj	ært-	em -æj	bæx-æj
ADE	a- bæł	ært-	e -bæł	bæx-bæł
ALL	a- mæ	ært-	e -mæ	bæx-mæ

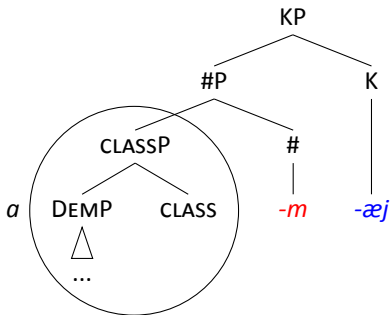
Digor numerals



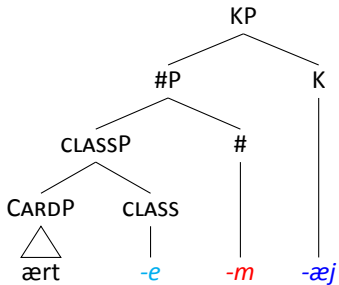
Digor numerals



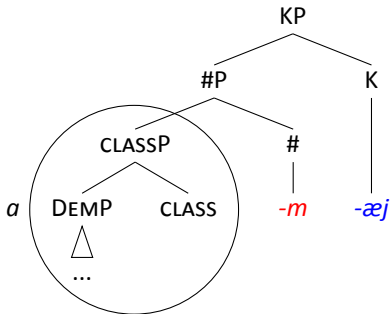
Digor demonstrative



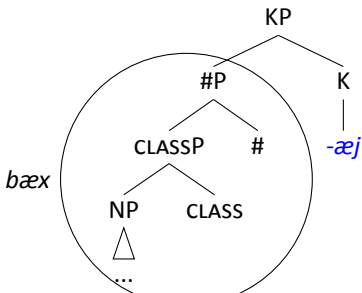
Digor numerals



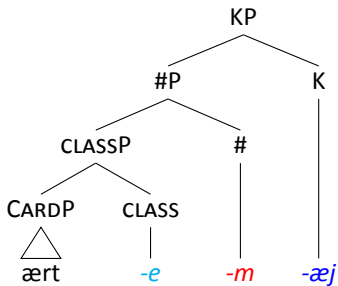
Digor demonstrative



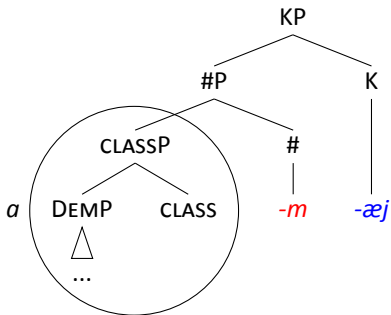
Digor noun



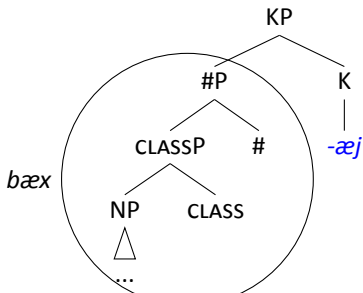
Digor numerals



Digor demonstrative



Digor noun



Lexicalisation table

	XP	CLASS	#	K
NUM	<i>ært</i>	<i>e</i>	<i>m</i>	<i>æj</i>
DEM	<i>a</i>		<i>m</i>	<i>æj</i>
NOUN		<i>bæx</i>		<i>æj</i>

Adjectival proper names

Table: Declension of a proper name and the feminine DEM

	this	Panova
	FEM.SG	NAME, FEM.SG
NOM	et- a	Panov- a
ACC	et- u	Panov- u
GEN	et- oj	Panov- oj
LOC	et- oj	Panov- oj
DAT	et- oj	Panov- oj
INS	et- oj	Panov- oj

The root-size proposal

Segmenting the paradigm

The root-size proposal

The gap proposal

Appendix

The paradigm

Table: Declension II and a feminine DEM (Timberlake 2004)

	woman	this
	DECL II	FEM.SG
NOM	žen-a	et-a
ACC	žen-u	et-u
GEN	žen-y	et-oj
LOC	žen-e	et-oj
DAT	žen-e	et-oj
INS	žen-oj	et-oj(u)

The segmentation

Table: Declension II and a feminine DEM (Timberlake 2004)

	woman	this
	DECL II	FEM.SG
NOM	žen-a	et-a
ACC	žen-u	et-u
GEN	žen-y	et-o-j
LOC	žen-e	et-o-j
DAT	žen-e	et-o-j
INS	žen-o-j	et-o-j(u)

Adding declension III

Table: Declension II, III and a feminine DEM (Timberlake 2004)

	woman DECL II	this FEM.SG	notebook III, FEM.SG
NOM	žen-a	et-a	tetrád'-∅
ACC	žen-u	et-u	tetrád'-∅
GEN	žen-y	et-o-j	tetrád'-i
LOC	žen-e	et-o-j	tetrád'-i
DAT	žen-e	et-o-j	tetrád'-i
INS	žen-o-j	et-o-j(u)	tetrád'-ju

Adding declension III

Table: Declension II, III and a feminine DEM (Timberlake 2004)

	woman DECL II	this FEM.SG	notebook III, FEM.SG
NOM	žen-a	et-a	tetrád'-∅
ACC	žen-u	et-u	tetrád'-∅
GEN	žen-y	et-o-j	tetrád'-i
LOC	žen-e	et-o-j	tetrád'-i
DAT	žen-e	et-o-j	tetrád'-i
INS	žen-o-j	et-o-j(u)	tetrád'-ju

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Table: Declension II, III and a feminine DEM (Timberlake 2004)

	woman DECL II	this FEM.SG	notebook III, FEM.SG
NOM	žen-a	et-a	tetrád'-∅
ACC	žen-u	et-u	tetrád'-∅
GEN	žen-y	et-o-j	tetrád'-i
LOC	žen-e	et-o-j	tetrád'-i
DAT	žen-e	et-o-j	tetrád'-i
INS	žen-o-j	et-o-j(u)	tetrád'-ju

Adding declension III

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	woman DECL II	this FEM.SG	notebook III, FEM.SG
NOM	žen-a	et-a	tetrád'-∅
ACC	žen-u	et-u	tetrád'-∅
GEN	žen-y	et-o-j	tetrád'-i
LOC	žen-e	et-o-j	tetrád'-i
DAT	žen-e	et-o-j	tetrád'-i
INS	žen-o-j	et-o-j(u)	tetrád'-ju

Adding neuter DEM

Table: Declension II, III and DEM (Timberlake 2004)

	woman DECL II	this FEM.SG	notebook III, FEM.SG	this NEUT.SG
NOM	žen-a	et-a	tetrád'-∅	et-o
ACC	žen-u	et-u	tetrád'-∅	et-o
GEN	žen-y	et-o-j	tetrád'-i	et-o-go
LOC	žen-e	et-o-j	tetrád'-i	et-o-m
DAT	žen-e	et-o-j	tetrád'-i	et-o-mu
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

Adding neuter DEM

Table: Declension II, III and DEM (Timberlake 2004)

	woman DECL II	this FEM.SG	notebook III, FEM.SG	this NEUT.SG
NOM	žen-a	et-a	tetrád'-∅	et-o
ACC	žen-u	et-u	tetrád'-∅	et-o
GEN	žen-y	et-o-j	tetrád'-i	et-o-go
LOC	žen-e	et-o-j	tetrád'-i	et-o-m
DAT	žen-e	et-o-j	tetrád'-i	et-o-mu
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

Adding neuter DEM

Table: Declension II, III and DEM (Timberlake 2004)

	woman DECL II	this FEM.SG	notebook III, FEM.SG	this NEUT.SG
NOM	žen-a	et-a	tetrád'-∅	et-o
DAT	žen-e	et-o-j	tetrád'-i	et-o -mu
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

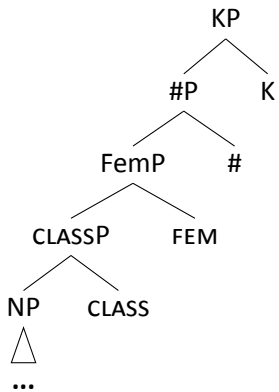
The root-size proposal

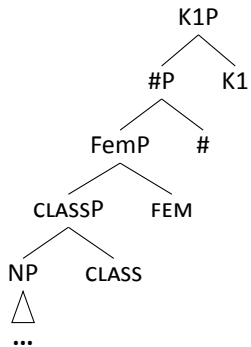
Segmenting the paradigm

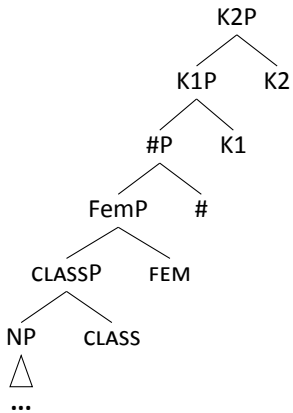
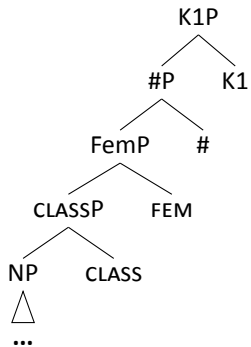
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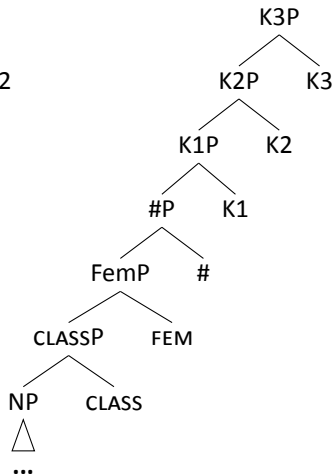
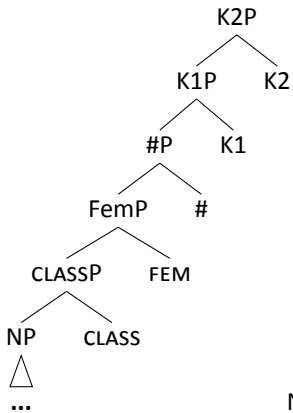
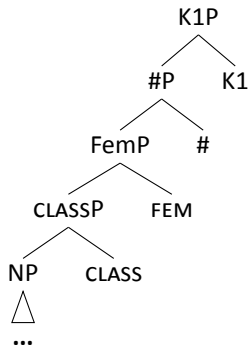
The gap proposal

Appendix





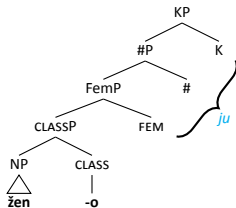




	woman	this	notebook		this
	DECL II	FEM.SG	III, FEM.SG		NEUT.SG
INS	žen-o-j	et-o-j(u)	tetrád'-ju		et-im

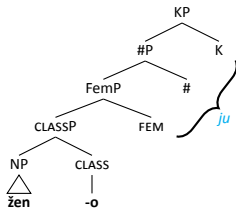
	woman	this	notebook	this
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

Declension II

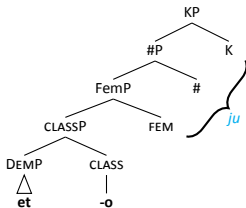


	woman	this	notebook	this
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

Declension II

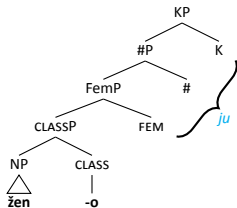


Demonstrative

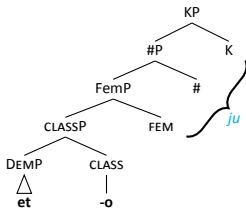


	woman	this	notebook	this
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

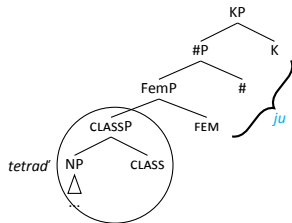
Declension II



Demonstrative

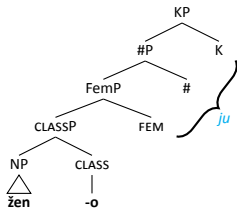


Declension III

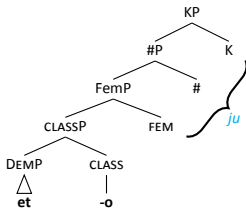


woman	this	notebook	this
DECL II	FEM.SG	III, FEM.SG	NEUT.SG
INS	žen-o-j	et-o-j(u)	tetrád'-ju

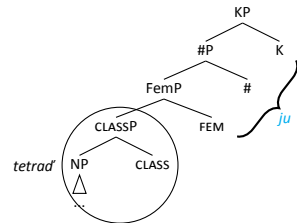
Declension II



Demonstrative



Declension III



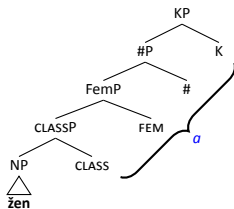
Lexicalisation table

	XP	CLASS	FEM	#	K1	K2	K3
DECLENSION I	žen	o			ju		
DEMONSTRATIVE	et	o			ju		
DECLENSION III	tetrád'				ju		

	woman	this	notebook	this
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG
NOM	žen-a	et-a	tetrád'-∅	et-o
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

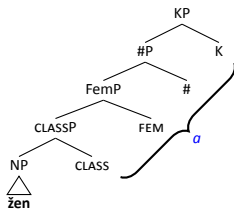
	woman	this	notebook	this
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG
NOM	žen-a	et-a	tetrád'-∅	et-o
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

Declension II

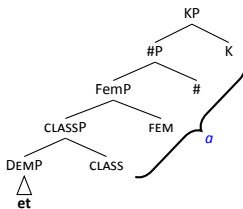


	woman	this	notebook	this
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG
NOM	žen-a	et-a	tetrád'-∅	et-o
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

Declension II

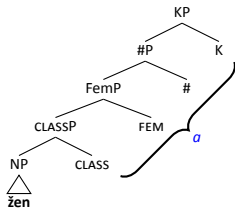


Demonstrative

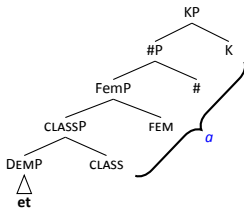


	woman	this	notebook	this
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG
NOM	žen-a	et-a	tetrád'-∅	et-o
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

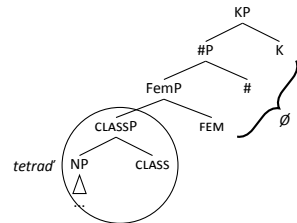
Declension II



Demonstrative

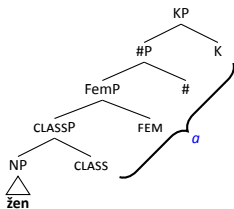


Declension 1

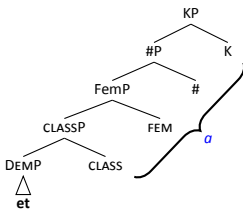


	woman	this	notebook	this
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG
NOM	žen-a	et-a	tetrád'-∅	et-o
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

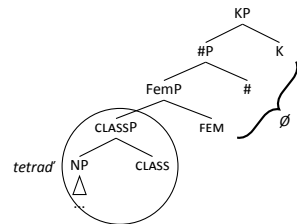
Declension II



Demonstrative



Declension 1

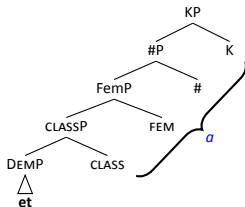


Lexicalisation table

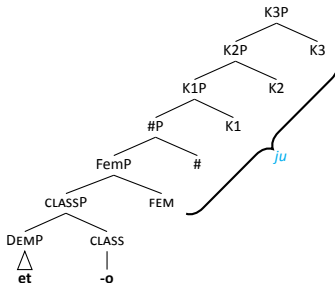
	XP	CLASS	FEM	#	K1
DECLENSION I	žen		a		
DEMONSTRATIVE	et		a		
DECLENSION III	tetrád'			∅	

	woman	this	notebook	this
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG
NOM	žen-a	et-a	tetrád'-∅	et-o
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

Demonstrative NOM



Demonstrative INS

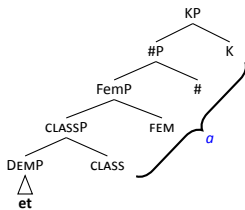


Lexicalisation table

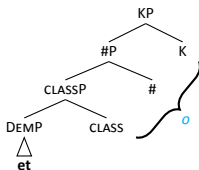
	XP	CLASS	FEM	#	K1	K2	K3
DEM.FEM.NOM	et		a				
DEM.FEM.INS	et	o			ju		

	woman	this	notebook	this
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG
NOM	žen-a	et-a	tetrád'-∅	et-o
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

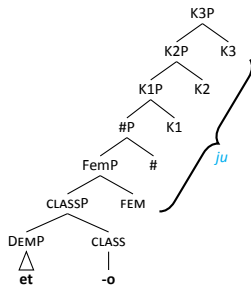
FEM.NOM



NEUT.NOM



FEM.INS



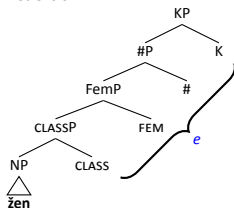
Lexicalisation table

	XP	CLASS	FEM	#	K1	K2	K3
DEM.FEM.NOM	et	a					
DEM.FEM.INS	et	o	ju				

	woman	this	notebook	this
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG
NOM	žen-a	et-a	tetrád'-∅	et-o
DAT	žen-e	et-o-j	tetrád'-i	et-o-mu
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

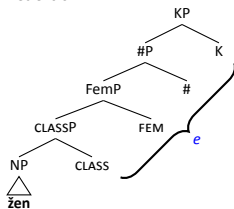
	woman	this	notebook	this
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG
NOM	žen-a	et-a	tetrád'-∅	et-o
DAT	žen-e	et-o-j	tetrád'-i	et-o-mu
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

Declension II

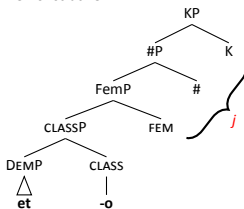


	woman	this	notebook	this
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG
NOM	žen-a	et-a	tetrád'-∅	et-o
DAT	žen-e	et-o-j	tetrád'-i	et-o-mu
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

Declension II

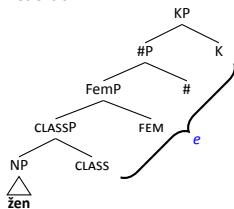


Demonstrative

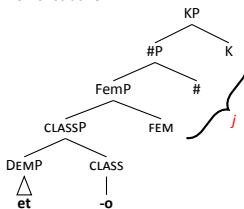


	woman	this	notebook	this
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG
NOM	žen-a	et-a	tetrád'-∅	et-o
DAT	žen-e	et-o-j	tetrád'-i	et-o-mu
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

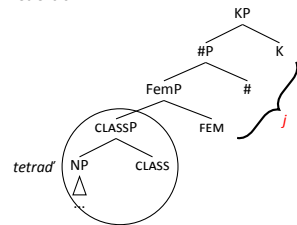
Declension II



Demonstrative

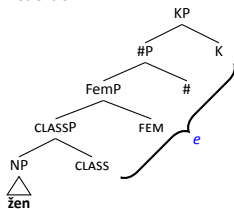


Declension III

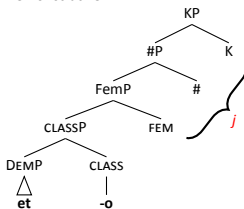


	woman	this	notebook	this
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG
NOM	žen-a	et-a	tetrád'-∅	et-o
DAT	žen-e	et-o-j	tetrád'-i	et-o-mu
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

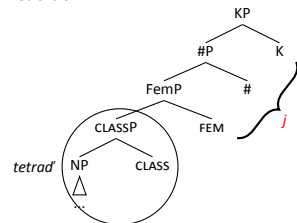
Declension II



Demonstrative



Declension III

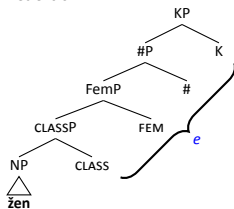


Lexicalisation table

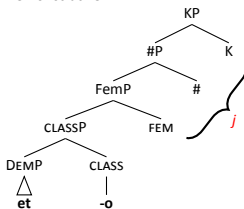
	XP	CLASS	FEM	#	K1	K2
DECL II, DAT	žen	e				
DEM.FEM.DAT	et	o	j			

	woman	this	notebook	this
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG
NOM	žen-a	et-a	tetrád'-∅	et-o
DAT	žen-e	et-o-j	tetrád'-i	et-o-mu
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

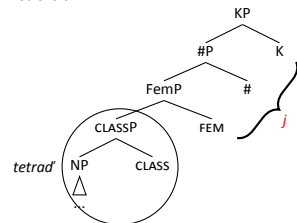
Declension II



Demonstrative



Declension III



Lexicalisation table

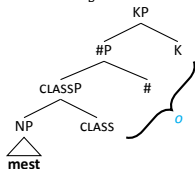
▶ This wrongly predicts *et-e

	XP	CLASS	FEM	#	K1	K2
DECL II, DAT	žen	e				
DEM.FEM.DAT	et	o	j			

	woman	this	notebook	this	place
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG	DECL I _B
NOM	žen-a	et-a	tetrád'-∅	et-o	mest-o
DAT	žen-e	et-o-j	tetrád'-i	et-o-mu	mest-u
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im	mest-om

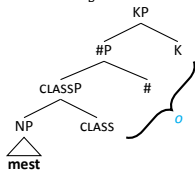
	woman	this	notebook	this	place
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG	DECL I _B
NOM	žen-a	et-a	tetrád'-∅	et-o	mest-o
DAT	žen-e	et-o-j	tetrád'-i	et-o-mu	mest-u
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im	mest-om

DECLENSION I_B

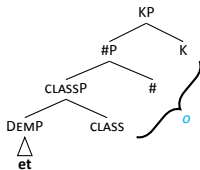


	woman	this	notebook	this	place
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG	DECL I _B
NOM	žen-a	et-a	tetrád'-∅	et-o	mest-o
DAT	žen-e	et-o-j	tetrád'-i	et-o-mu	mest-u
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im	mest-om

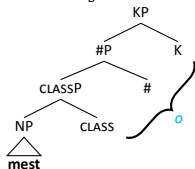
DECLENSION I_B



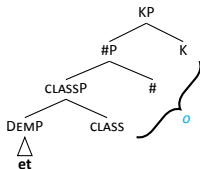
NEUT.NOM



	woman	this	notebook	this	place
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG	DECL I _B
NOM	žen-a	et-a	tetrád'-∅	et-o	mest-o
DAT	žen-e	et-o-j	tetrád'-i	et-o-mu	mest-u
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im	mest-om

DECLENSION I_B

NEUT.NOM

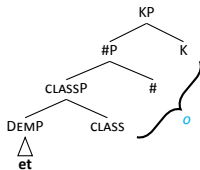


Lexicalisation table

	XP	CLASS	#	K1
DEM.NEUT.NOM	<i>et</i>		o	
DECL I _B	<i>mest</i>		o	

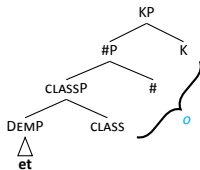
	woman	this	notebook	this	place
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG	DECL I _B
NOM	žen-a	et-a	tetrád'-∅	et-o	mest-o
DAT	žen-e	et-o-j	tetrád'-i	et-o-mu	mest-u
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im	mest-om

NEUT.NOM

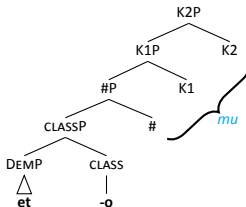


	woman	this	notebook	this	place
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG	DECL I _B
NOM	žen-a	et-a	tetrád'-∅	et-o	mest-o
DAT	žen-e	et-o-j	tetrád'-i	et-o-mu	mest-u
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im	mest-om

NEUT.NOM

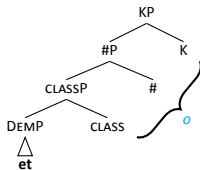


Demonstrative

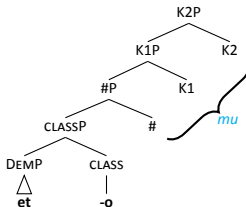


	woman	this	notebook	this	place
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG	DECL I _B
NOM	žen-a	et-a	tetrád'-∅	et-o	mest-o
DAT	žen-e	et-o-j	tetrád'-i	et-o-mu	mest-u
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im	mest-om

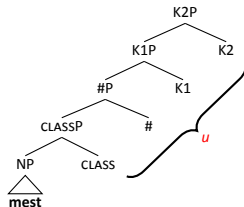
NEUT.NOM



Demonstrative

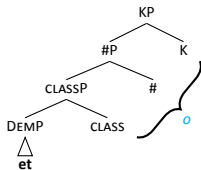


Demonstrative

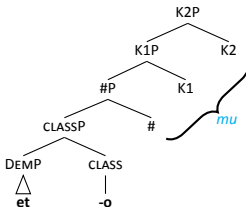


	woman	this	notebook	this	place
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG	DECL I _B
NOM	žen-a	et-a	tetrád'-∅	et-o	mest-o
DAT	žen-e	et-o-j	tetrád'-i	et-o-mu	mest-u
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im	mest-om

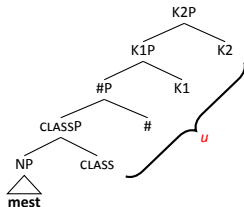
NEUT.NOM



Demonstrative



Demonstrative



Lexicalisation table

	XP	CLASS	#	K1	K2
DEM.NEUT.DAT	<i>et</i>	o		mu	
DECL I _B , DAT	<i>mest</i>			u	

The root-size proposal

Segmenting the paradigm

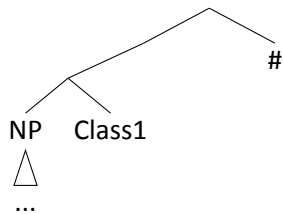
The root-size proposal

The gap proposal

Appendix

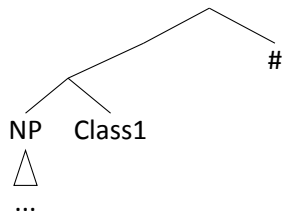
Introducing the gap

Demonstrative

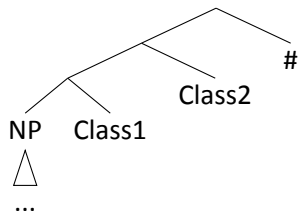


Introducing the gap

Demonstrative

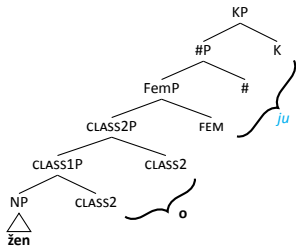


Noun



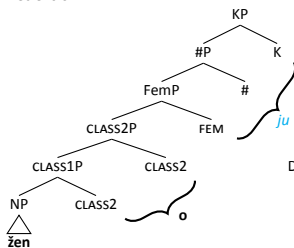
	woman	this	notebook	this
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

Declension II

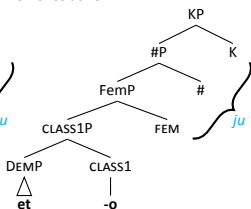


woman	this	notebook	this
DECL II	FEM.SG	III, FEM.SG	NEUT.SG
INS	žen-o-j	et-o-j(u)	tetrád'-ju et-im

Declension II

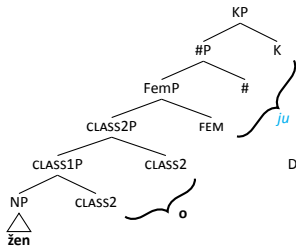


Demonstrative

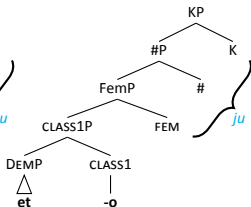


woman	this	notebook	this
DECL II	FEM.SG	III, FEM.SG	NEUT.SG
INS	žen-o-j	et-o-j(u)	tetrád'-ju et-im

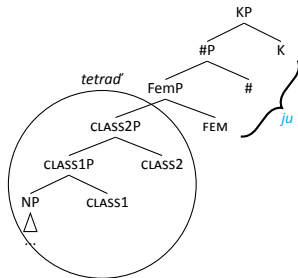
Declension II



Demonstrative

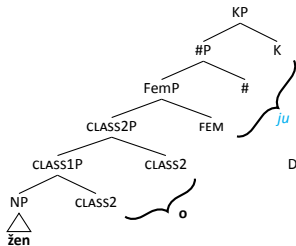


Declension III

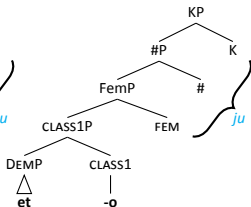


woman	this	notebook	this
DECL II	FEM.SG	III, FEM.SG	NEUT.SG
INS	žen-o-j	et-o-j(u)	tetrád'-ju et-im

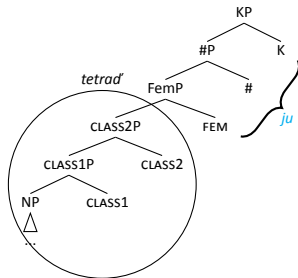
Declension II



Demonstrative



Declension III



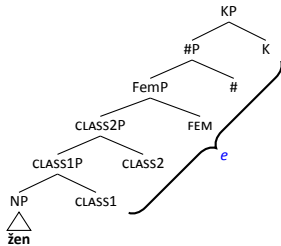
Lexicalisation table

	XP	CLASS1	CLASS2	FEM	#	K1	K2	K3
DEMONSTRATIVE	et	o				ju		
DECLENSION II	žen		o			ju		
DECLENSION III		tetrád'				ju		

	woman	this	notebook	this
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG
DAT	žen-e	et-o-j	tetrád'-i	et-o -mu
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

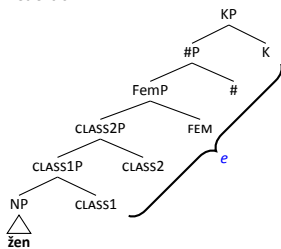
	woman	this	notebook	this
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG
DAT	žen-e	et-o-j	tetrád'-i	et-o-mu
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

Declension II

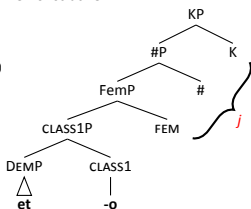


	woman	this	notebook	this
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG
DAT	žen-e	et-o-j	tetrád'-i	et-o-mu
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

Declension II

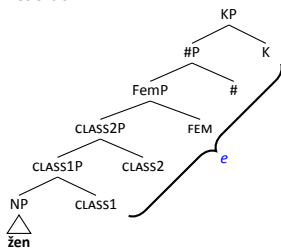


Demonstrative

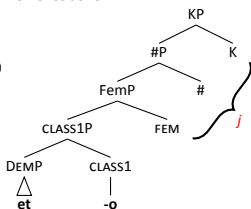


	woman	this	notebook	this
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG
DAT	žen-e	et-o-j	tetrád'-i	et-o-mu
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

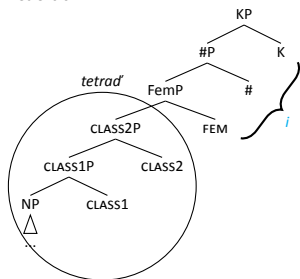
Declension II



Demonstrative

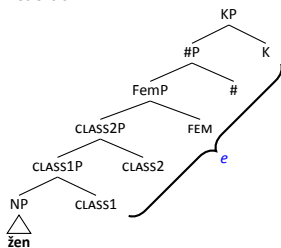


Declension III

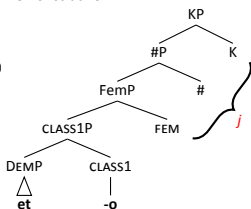


	woman	this	notebook	this
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG
DAT	žen-e	et-o-j	tetrád'-i	et-o-mu
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

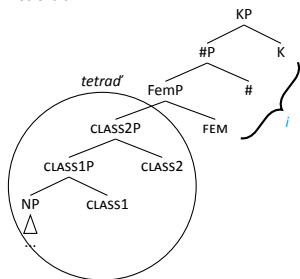
Declension II



Demonstrative



Declension III

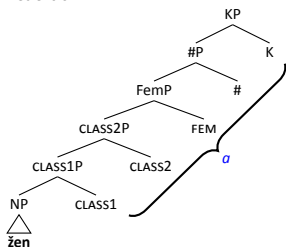


Lexicalisation table

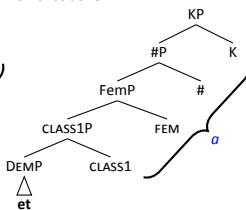
	XP	CLASS1	CLASS2	FEM	#	K1	K2
DEM, DAT	et	o				j	
DECL II, DAT	žen			e			
DECL III, DAT	tetrád'					i	

	woman	this	notebook		this
	DECL II	FEM.SG	III, FEM.SG		NEUT.SG
NOM	žen-a	et-a	tetrád'-∅		et-o
DAT	žen-e	et-o-j	tetrád'-i		et-o-mu
INS	žen-o-j	et-o-j(u)	tetrád'-ju		et-im

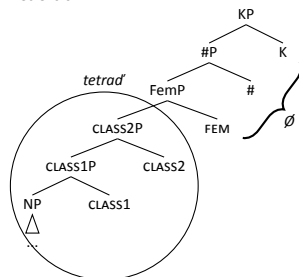
Declension II



Demonstrative

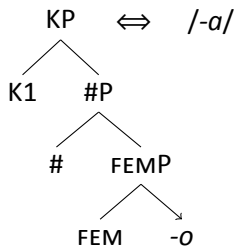


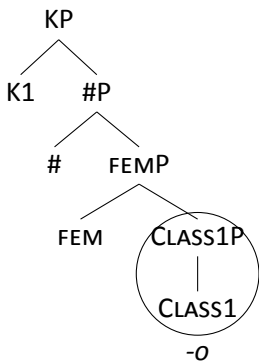
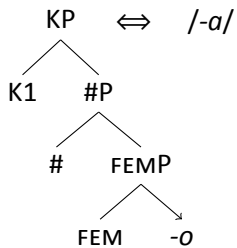
Declension 1

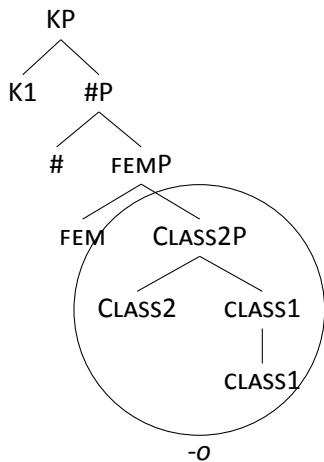
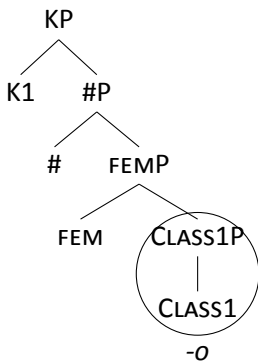
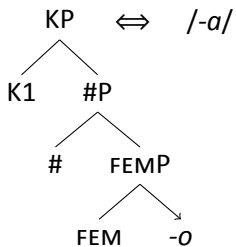


Lexicalisation table

	XP	CLASS1	CLASS2	FEM	#	K1
DECLENSION I	žen	a				
DEMONSTRATIVE	et	a			a	
DECLENSION III		tetrád'			∅	

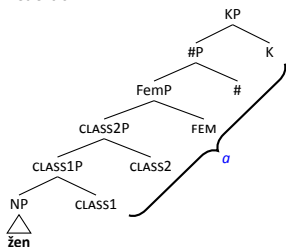




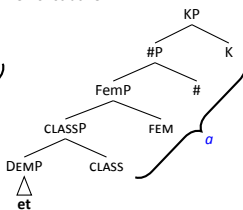


	woman	this	notebook	this
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG
NOM	žen-a	et-a	tetrád'-∅	et-o
DAT	žen-e	et-o-j	tetrád'-i	et-o-mu
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im

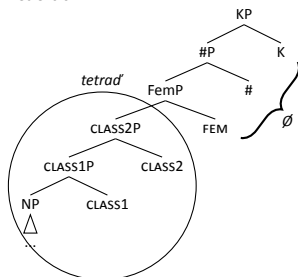
Declension II



Demonstrative



Declension 1



Lexicalisation table

	XP	CLASS1	CLASS2	FEM	#	K1
DECLENSION I	žen	∅			a	
DEMONSTRATIVE	et	∅			a	
DECLENSION III	tetrád'				∅	

Conclusions

The analysis postulates that

- ▶ only a part of the features of the noun is repeated on the demonstrative

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The analysis captures that in *ét-o-j*, we have

- ▶ a 3rd declension ending *-i*
- ▶ preceded by the 'neuter singular' *-o*

Conclusions

The analysis postulates that

- ▶ only a part of the features of the noun is repeated on the demonstrative

The analysis captures that in ét-o-j, we have

- ▶ a 3rd declension ending *-i*
- ▶ preceded by the 'neuter singular' *-o*

... that in ét-a, we have

- ▶ the 2nd declension ending *-a*

Conclusions

The analysis postulates that

- ▶ only a part of the features of the noun is repeated on the demonstrative

The analysis captures that in *ét-o-j*, we have

- ▶ a 3rd declension ending *-i*
- ▶ preceded by the 'neuter singular' *-o*

... that in *ét-a*, we have

- ▶ the 2nd declension ending *-a*

... and that in *ét-o-j(u)*, we have

- ▶ the 3rd declension ending *-j(u)*
- ▶ which we also find in Declension II *žen-o-j(u)*
- ▶ in both cases preceded by the 'neuter singular' *-o*

Thank you!

The root-size proposal

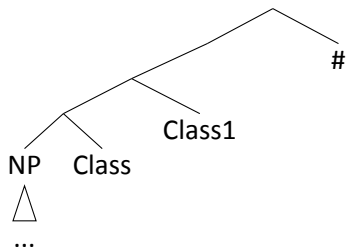
Segmenting the paradigm

The root-size proposal

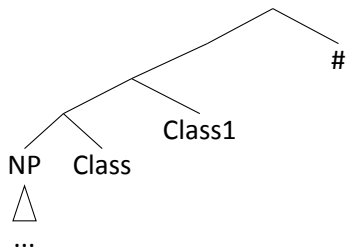
The gap proposal

Appendix

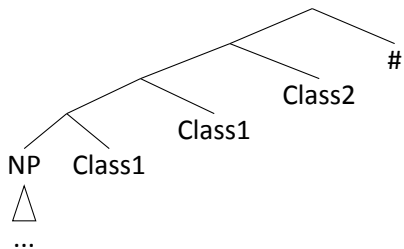
Noun



Noun

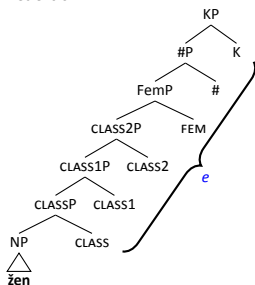


Demonstrative

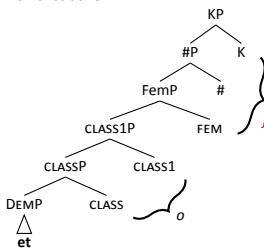


	woman	this	notebook		this
	DECL II	FEM.SG	III, FEM.SG		NEUT.SG
DAT	žen-e	et-o-j	tetrád'-i		et-o-mu
INS	žen-o-j	et-o-j(u)	tetrád'-ju		et-im

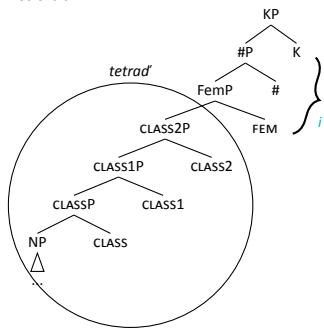
Declension II



Demonstrative



Declension III

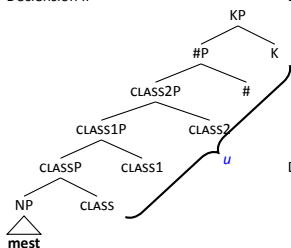


Lexicalisation table

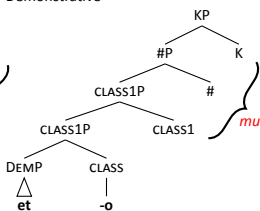
	XP	CLASS	CLASS1	CLASS2	FEM	#	K1	K2
DEM, DAT	et	o				j		
DECL II, DAT	žen			e				
DECL III, DAT		tetrád'				i		

	woman	this	notebook	this	place
	DECL II	FEM.SG	III, FEM.SG	NEUT.SG	DECL I _B
DAT	žen-e	et-o-j	tetrád'-i	et-o-mu	mest-u
INS	žen-o-j	et-o-j(u)	tetrád'-ju	et-im	mest-om

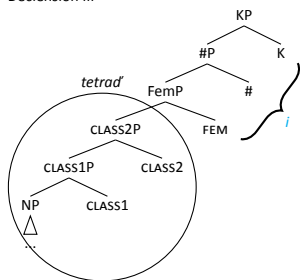
Declension II



Demonstrative



Declension III



Lexicalisation table

XP	CLASS	CLASS1	CLASS2	#	K1	K2
DEM, DAT	<i>et</i>	o	mu			mu
DECL II, DAT	<i>mest</i>			u		

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