NORVAL VALENCE FRAME TYPES REPRESENTED as FEATURE STRUCTURES

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In the table below, about 300 valence frame types represented in the valence catalogue NorVal are listed with their 'Construction Label' identifiers, feature structure AVMs ('attribute value matrices') displaying main features of valence and logical form, a short example and an English translation. The table is syncronized with a table at https://typecraft.org/tc2wiki/NorVal_resources.

Brief background

The grammatical basis for the Construction Label frame type labels as applied to Norwegian are described in Hellan 2021a. General descriptions of the labeling system are given in Hellan and Dakubu 2010 and Dakubu and Hellan 2017. The complete set of the present AVMs is covered by two computational grammars based on Typed Feature Structures. One, called 'TypeGram' ('tg'), is technically fairly simple, and includes specifications of valence frame types for a wider array of languages; for description and download, see https://typecraft.org/tc2wiki/TypeGram; the design of the grammar is described in Hellan (2019). The other grammar, called 'NorSource', is a large scale grammar for Norwegian (cf. Hellan and Bruland 2015). It includes the 'TypeGram' analytic design alongside the more complex architectures of standard HPSG-based computational grammars (cf. Copestake 2002), and also produces 'Logical Forms' of the type represented in 'Minimal Recursion Semantics' (MRS; cf. Copestake et al. 2005). A web application where, e.g., the example sentences below can be parsed and displayed for their MRS, is found on http://regdili.hf.ntnu.no:8081/linguisticAce/parse.

Inventory of terms used in the Feature structure AVMs

'GF' stands for 'Grammatical Function', the following functions being used:

Subject (SUBJ), Object (OBJ, also used for 'Direct Object'), Indirect Object (IOBJ), Oblique (OBL), Particle (PRTCL), Adverbial (ADV), Presented (PRESENTED), Extraposition (EXPN), Identified (IDNT, i.e., the complement in an 'identity copula' construction), Secondary Predicate (SECPRD), Governee of a preposition (GOV).

'ACTNT' stands for 'Actants', or 'Participants', or 'Semantic Arguments'; the following are used: ACT1 (corresponds to what will be a subject of the verb used in active voice), ACT2 (corresponds to what will be a direct object of the verb used in active voice), ACT3 (corresponds to what will be an indirect object of the verb used in active voice), ACTobl (the participant expressed by the governee of a PP functioning as an oblique), LOC (a valence-bound locative specification), DIR (a valence-bound directional specification).

'INDX' stands for the reference of the sign (can be either a 'thing', or propositional, for a clause or a secondary predicate).

'XACT' is used for a participant whose reference is determined by an item outside the local frame, and the value links the reference to another participant or GF in the structure. This subsumes 'equi'-constructions (indicated by 'Eq' in the ArgumentLabel in the frame string) and 'raising' constructions, where the GF linked to is not a semantic argument of the matrix verb (indicated by 'Nrg' in the ArgumentLabel in the frame string); while this distinction applies to infinitives, it also applies to Secondary Predicates.

'SIT' stands for 'Situational specification' (would comprise 'senses' in a dictionary), and is used very sparingly.

'ILLOCFORCE' is used to distinguish between interrogatives and declaratives in embedded positions, with the labels 'interr' and 'decl', respectively.

'HEAD' introduces the POS (part of speech) of the sign, the following symbols being used: *verb*, *copula*, *inf* (for the infinitival marker "å" ('to')), *noun*, *pron-expl*, *refl*, *prep*, *adv*, *predpartcl*, *decl-comp* (for the declarative complementizer "at" ('that')), *y-n-comp* (for the 'yes-no'-interrogative

complementizer "om" or "hvorvidt" ('whether')). It may be noted that constituent questions are analyzed as headed by the verb, such that the common specification of embedded interrogatives is the ILLOCFORCE value 'interr'. Apart from the copulas, all AVMs have 'verb' as head (but in principle, many frames can also be used to define adjective and noun valence).

Illustrations

It may be noted that when the first part of a frame label like 'trExpnSu-expnINTERRyn' (exemplified by det angår dem hvorvidt du kommer 'it concerns them whether you come') specifies the frame as consisting of a subject, an object and an extraposed clause directed at the subject, this is reflected in the AVM (1) (see also in the table) as

(1)

SUBJ [HEAD pron-expl]

OBJ [INDX 2]

GF

EXPN

HEAD y-n-comp
INDX 1

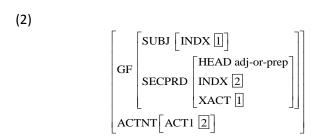
ILLOCFORCE interr

ACTNT

ACT1 1

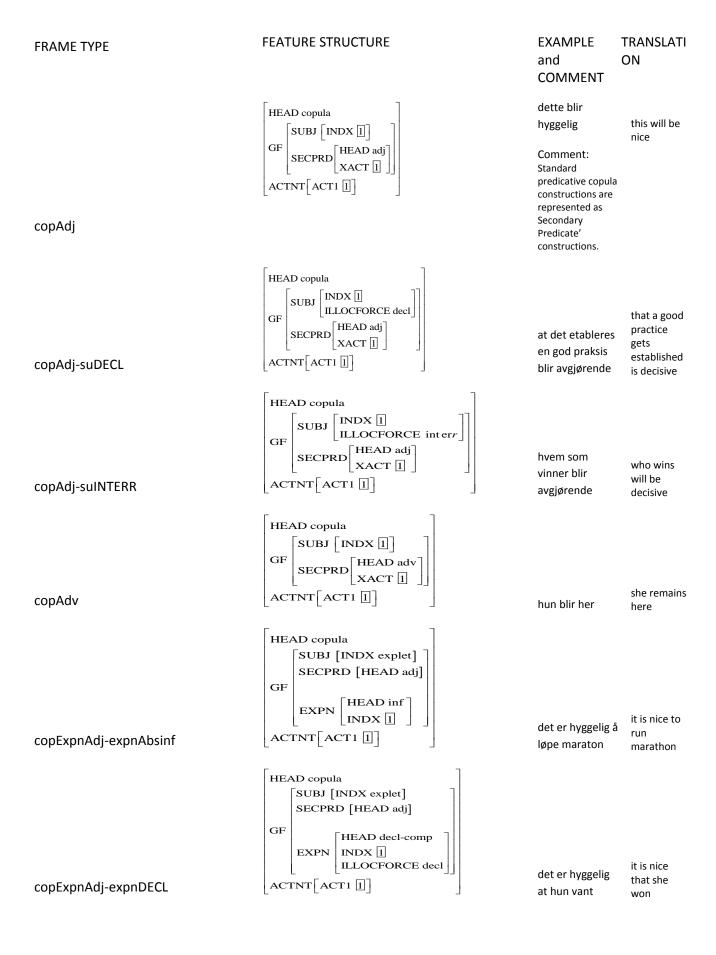
ACT2 2

where the 'subject' function of the extraposed clause is reflected in its INDX being the value of ACT1. Expletive subjects (and objects) do not themselves have participant status; this is one of the respects in which the ACTNT specification of a frame type is not a direct replica of the GF specification. Another case of such discrepancy is instantiated by the frame type 'intrScpr-scSuNrg-scPred', exemplified by *He seems happy*, in the AVM (2) of which (see also in the table) there are two GFs but only one actant, namely the proposition 'he happy', represented by the INDX of the secondary predicate; the 'logical subject' of 'happy' is identified through XACT as the referent of the subject, whereas in the logical form, 'he' does not have participant status relative to 'seem', but only relative to 'happy' (this is the classical reasoning behind the 'Raising' analysis, cf. Postal 1974).



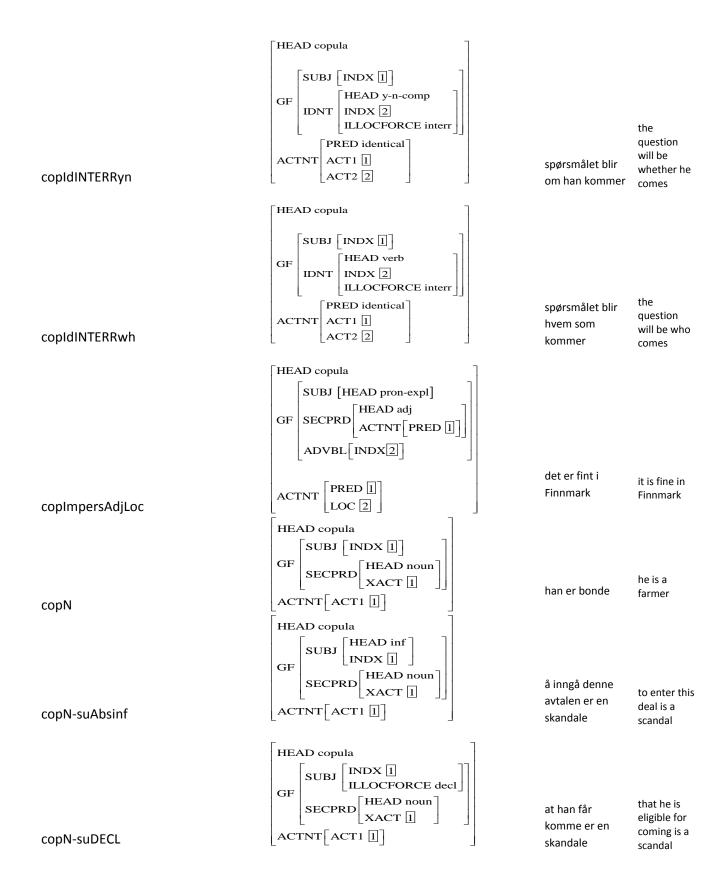
The table

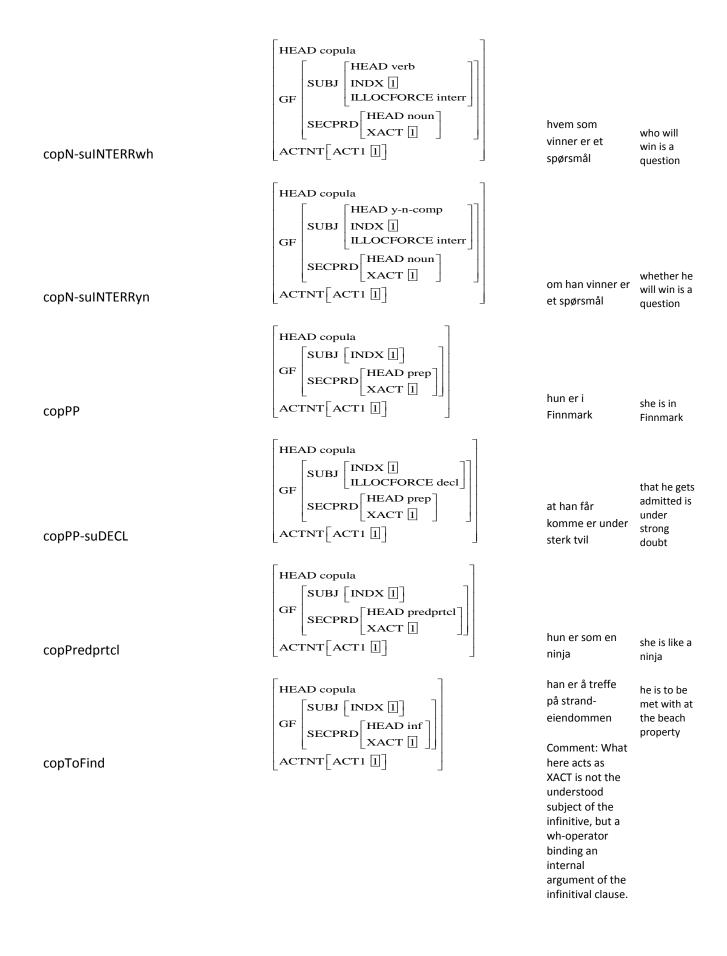
In the English translations, a symbol 'R', 'P', 'L', 'T', 'I', or 'NS' added to a verb or a preposition means that the verb, or preposition, differs in valence from the Norwegian counterpart with respect to, respectively, reflexive, preposition, particle, finite complementizer, infinitival marker, non-split predicate.

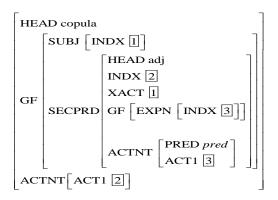


```
HEAD copula
                                          SUBJ [INDX explet]
                                          SECPRD [HEAD adj]
                                      GF
                                                  HEAD verb
                                          EXPN
                                                  INDX 1
                                                                                                 it is
                                                                                  det er uvisst
                                                  ILLOCFORCE interr
                                                                                                 uncertain
                                                                                  hvem som
                                                                                                 who will
                                      ACTNT ACT1 1
copExpnAdj-expnINTERRwh
                                                                                  vinner
                                                                                                 win
                                      HEAD copula
                                          SUBJ [INDX explet]
                                          SECPRD [HEAD adj]
                                      GF
                                                  HEAD y-n-comp
                                          EXPN
                                                  INDX 1
                                                                                                 it is
                                                  ILLOCFORCE interr
                                                                                                 uncertain
                                                                                  det er uvisst om
                                                                                                 whether
                                      ACTNT ACT1 1
copExpnAdj-expnINTERRyn
                                                                                  hun vinner
                                                                                                 she will win
                                      HEAD copula
                                          SUBJ [INDX explet]
                                                                                  det blir en ære å
                                          SECPRD [HEAD noun]
                                                                                                 it becomes
                                                                                  motta
                                      GF
                                                                                                 an honor to
                                                                                  gjesteforskerinvi
                                                                                                 receive
                                                                                  tasjoner
                                                                                                 guest
                                                                                                 researcher
                                      ACTNT ACT1 1
copExpnN-expnAbsinf
                                                                                                 invitations
                                      HEAD copula
                                          SUBJ [INDX explet]
                                          SECPRD [HEAD noun]
                                      GF
                                                  HEAD decl-comp
                                          EXPN INDX 1
                                                                                                 it becomes
                                                                                  det blir en ære
                                                  ILLOCFORCE decl
                                                                                                 an honor
                                                                                  at dere inviterer
                                                                                                 that you
                                      ACTNT ACT1 1
copExpnN-expnDECL
                                                                                  meg
                                                                                                 invite me
                                      HEAD copula
                                          SUBJ [INDX explet]
                                          SECPRD [HEAD noun]
                                      GF
                                                  HEAD verb
                                                                                  det blir et
                                          EXPN INDX 1
                                                                                                 it becomes
                                                                                  hovedspørsmål
                                                  ILLOCFORCE interr
                                                                                                 a main
                                                                                  hvem som
                                                                                                 theme who
                                      ACTNT ACT1 1
copExpnN-expnINTERRwh
                                                                                  snakker
                                                                                                 talks
                                      HEAD copula
                                          SUBJ [INDX explet]
                                          SECPRD noun
                                      GF
                                                 HEAD y-n-comp
                                                                                  det blir et
                                          EXPN INDX 1
                                                                                                 it becomes
                                                                                  hovedspørsmål
                                                  ILLOCFORCE interr
                                                                                                 a main
                                                                                  om han
                                                                                                 theme if he
                                      ACTNT ACT1 1
copExpnN-expnINTERRyn
                                                                                  fortsetter
                                                                                                 continues
```

```
HEAD copula
                                              SUBJ [INDX explet]
                                              SECPRD [HEAD prep]
                                         GF
                                                       HEAD decl-comp
                                                                                                         it will be
                                                      INDX 1
                                              EXPN
                                                                                                         under
                                                                                         det blir under
                                                       ILLOCFORCE decl
                                                                                                         doubt that
                                                                                         tvil at han
                                                                                                         he
                                         ACTNT ACT1 1
copExpnPP-expnDECL
                                                                                         fortsetter
                                                                                                         continues
                                         HEAD copula
                                              SUBJ [INDX explet]
                                              SECPRD prep
                                                                                                         it will be
                                                                                         det blir under
                                                                                                         under
                                         GF
                                                      HEAD y-n-comp
                                                                                                         continued
                                                                                         kontinuerlig
                                              EXPN
                                                       INDX 1
                                                                                                         considerati
                                                                                         vurdering om
                                                       ILLOCFORCE intern
                                                                                                         on whether
                                                                                         han fortsetter i
                                         ACTNT ACT1 1
copExpnPP-expnINTERRyn
                                                                                         stillingen
                                                                                                         continues in
                                                                                                         the position
                                         HEAD copula
                                                                                         en slik avtale blir
                                                                                         å avbryte
                                              SUBJ [INDX 1]
                                                                                         samarbeidet
                                                                                                         such a deal
                                                                                                         will be to
                                                                                         Comment:
                                                                                                         discontinue
                                                                                         Identity copula
                                                   PRED identical
                                                                                                         the
                                                                                         constructions are
                                         ACTNT
                                                                                         analyzed as 2-
                                                                                                         cooperation
                                                                                         participant, with
copldAbsinf
                                                                                         'IDNT' as GF of the
                                                                                         second participant.
                                         HEAD copula
                                         GF
                                                                                                         to enter
                                                                                                         into such a
                                                                                                         deal will be
                                                                                         å inngå en slik
                                                    PRED identical
                                                                                                         to
                                                                                         avtale blir å
                                                                                                         discontinue
                                                   ACT1 1
                                          ACTNT
                                                                                         avbryte
                                                                                                         the
                                                   ACT2 2
copIdAbsinf-suAbsinf
                                                                                         samarbeidet
                                                                                                         cooperation
                                         HEAD copula
                                              SUBJ [INDX 1]
                                                                                                         the content
                                                     HEAD decl-comp
                                                                                                         of the deal
                                                                                                         will be that
                                                     INDX 2
                                                                                         innholdet i
                                                                                                         we
                                                  PRED identical
                                                                                         avtalen blir at vi
                                                                                                         relinquish
                                         ACTNT
                                                  ACT1 1
                                                                                         frastår
                                                                                                         the
                                                  ACT2 2
copIdDECL
                                                                                         eiendommen
                                                                                                         property
                                         HEAD copula
                                              SUBJ [INDX 1]
                                         GF
                                                     HEAD noun
                                                     INDX 2
                                                                                                         he becomes
                                                  PRED identical
                                                                                                         the new
                                                  ACT1 1
                                         ACTNT
                                                                                         han blir den nye
                                                                                                         representati
copldN
                                                  ACT2 2
                                                                                         representanten
                                                                                                         ve
```







han er hyggelig å snakke med

Comment: The 'Tough Movement' construction. What here acts as XACT is not the understood subject of the infinitive, but a wh-operator binding an internal argument of the infinitival clause. *Pred* is the predicate expressed by the adjective ('talking with

him is pleasant').

he is pleasant to talk with

copToughAdj

ditr

GF OBJ [INDX 1]
OBJ [INDX 2]
IOBJ [INDX 3]

ACTNT ACT1 1
ACT2 2
ACT3 3

they provide us

de yter oss compensati kompensasjon on

hun lager seg en modell

she makes herself a model

Comment: An alternative representation of anaphora binding may be using the same index. However, co-indexing in the present system will entail identical specification of possible role and 'sense' related features, and these might differ for the participant roles.

GF

SUBJ [INDX 1]
OBJ [INDX 2]
IOBJ [HEAD ref1]
INDX 3]

ANAPH BINDER 1
BINDEE 3

ACTN ACT1 1
ACT2 2
ACT3 3

ditr-iobRefl

```
SUBJ [INDX 1]
                                              HEAD decl-comp
                                    GF OBJ
                                              INDX 2
                                              ILLOCFORCE decl
                                               HEAD refl
                                               INDX 3
                                             BINDER 1
                                             BINDEE 3
                                             ACT1 1
                                                                                             he notesR
                                    ACTNT ACT2 2
                                                                               hun merker seg
                                                                                             that you are
                                            ACT3 3
ditr-iobRefl-obDECL
                                                                               at du kommer
                                                                                             coming
                                         SUBJ [INDX 1]
                                              HEAD inf
                                    GF OBJ INDX 2
                                              HEAD refl
                                               INDX 3
                                             BINDER 1
                                     ANAPH
                                             BINDEE 3
                                             ACT1 1
                                                                                             she resistsR
                                                                               hun motsetter
                                             ACT2 2
                                     ACTNT
                                                                                             to have to
                                                                               seg å skulle åpne
                                                                                             open the
                                             ACT3 3
ditr\hbox{-}iobRefl\hbox{-}obEqIobInf
                                                                               paraden
                                                                                             parade
                                         SUBJ [INDX 1]
                                              ILLOCFORCE interr
                                              HEAD refl
                                               INDX 3
                                             BINDER 1
                                             BINDEE 3
                                             ACT1 1
                                     ACTNT ACT2 2
                                                                               jeg tenker meg
                                                                                             I imagineR
                                             ACT3 3
ditr-iobRefl-obINTERR
                                                                               hva det er
                                                                                             what it is
```

```
SUBJ [INDX 1]
                                            HEAD verb
                                            INDX 2
                                   GF OBJ
                                             ILLOCFORCE interr
                                             HEAD refl
                                             INDX 3
                                            BINDER 1
                                            BINDEE 3
                                            ACT1 1
                                                                                           he
                                                                             han undrer seg
                                   ACTNT ACT2 2
                                                                                           wonders R\\
                                                                             hvem som
                                                                                           who is
                                            ACT3 3
ditr-iobRefl-obINTERRwh
                                                                             kommer
                                                                                           coming
                                        SUBJ [INDX 1]
                                             HEAD y-n-comp
                                   GF OBJ
                                            INDX 2
                                             ILLOCFORCE interr
                                             HEAD refl
                                             INDX 3
                                            BINDER 1
                                   ANAPH
                                            BINDEE 3
                                            ACT1 1
                                            ACT2 2
                                    ACTNT
                                                                                           wondersR
                                                                             han undrer seg
                                                                                           whether we
                                           ACT3 3
ditr-iobRefl-obINTERRyn
                                                                             om vi kommer
                                                                                           are coming
                                       SUBJ INDX 1
                                            HEAD decl-comp
                                   GF OBJ INDX 2
                                            ILLOCFORCE decl
                                       IOBJ [INDX 3]
                                            ACT1 1
                                                                                           she forgives
                                   ACTNT ACT2 2
                                                                                           us that we
                                                                            hun tilgir oss at
                                                                                           made a faux
                                           ACT3 3
ditr-obDECL
                                                                             vi forløp oss
                                       SUBJ [INDX 1]
                                            HEAD verb-BAREINF
                                   GF OBJ INDX 2
                                            XACT 3
                                       IOBJ INDX 3
                                            ACT1 1
                                    ACTNT ACT2 2
                                                                                           she asksI
                                                                            hun ber dem
                                                                                           them to
                                           ACT3 3
ditr-obEqIobBareinf
                                                                             komme
                                                                                           come
```

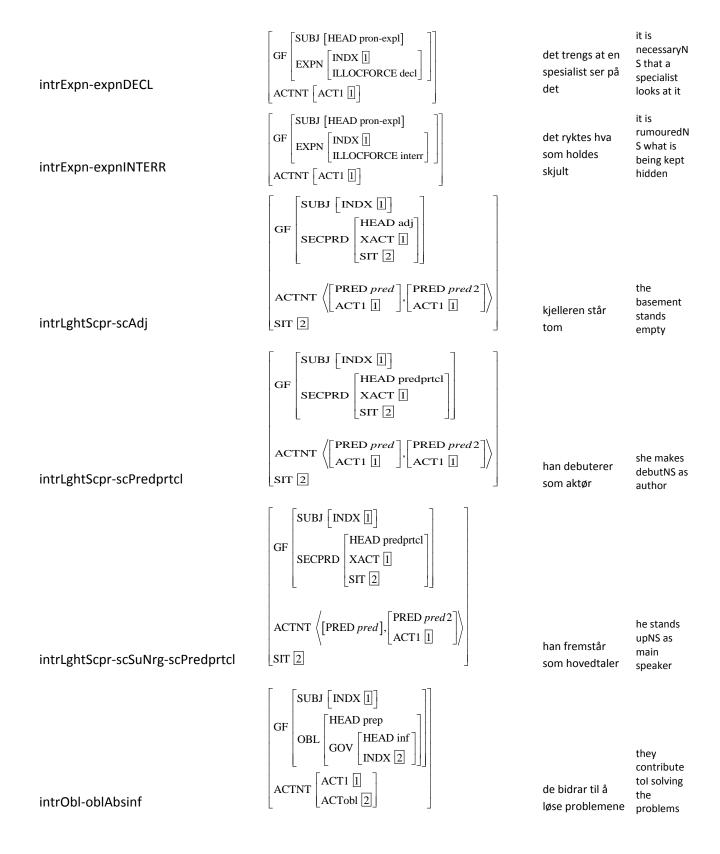
ditr-obEqlobInf	GF SUBJ [INDX 1] GF OBJ HEAD inf INDX 2 XACT 3 IOBJ [INDX 3] ACTNT ACT1 1 ACT2 2 ACT3 3	jeg befaler deg å gå	I order you to go
ditr-obEqSuInf	GF SUBJ [INDX 1] GF OBJ HEAD inf INDX 2 XACT 1 IOBJ [INDX 3] ACTNT ACT1 1 ACT2 2 ACT3 3	hun garanterer dem å bidra	she guarantees them to contribute
ditr-obINTERRwh	GF OBJ INDX I HEAD verb INDX 2 ILLOCFORCE interr IOBJ INDX 3 ACTNT ACT2 ACT3 3	vi innprenter dem hva som skal gjøres	we tell them what is to be done
ditr-obINTERRyn	GF OBJ [INDX 1] GF OBJ HEAD y-n-comp INDX 2 ILLOCFORCE interr IOBJ [INDX 3] ACTNT ACT1 1 ACT2 2 ACT3 3	instrumentet viser oss om det blir væromslag	the instrument tell sus whether there will be a weather change
ditr-suAbsinf	GF SUBJ HEAD inf INDX 1 OBJ INDX 2 IDBJ INDX 3 IDBJ INDX 3 IDBJ ACTNT ACT2 2 ACT3 3	å si slikt frarøver politikerne respekten	to say such things deprivesP politicians of their respect

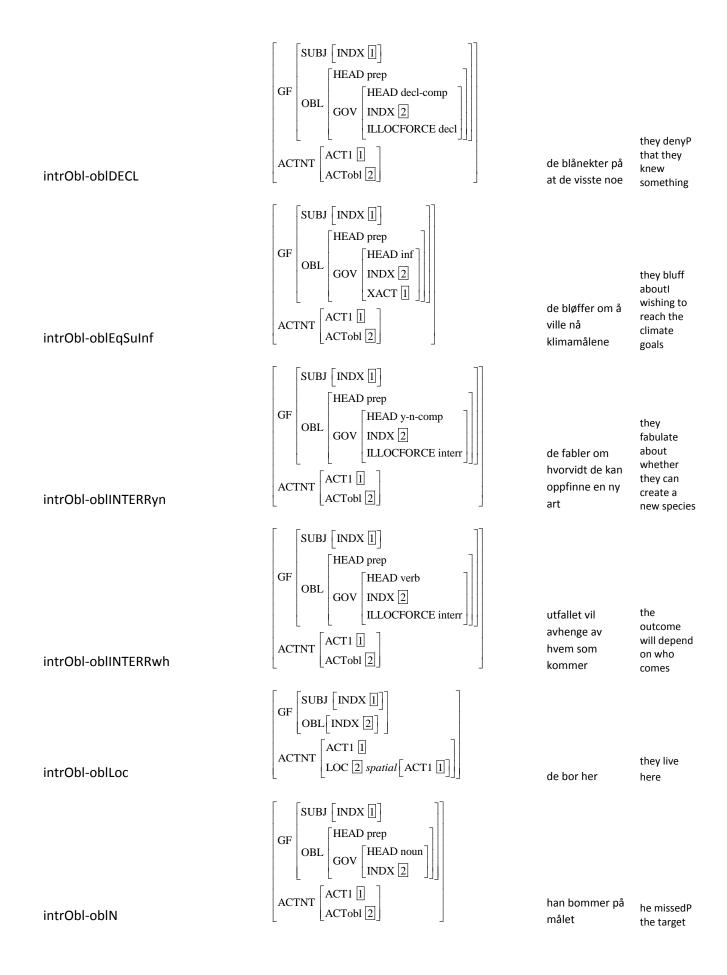
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SUBJ HEAD decl-comp
INDX 1
                                       GF OBJ INDX 2
                                           IOBJ INDX 3
                                                                                                    that the
                                                ACT1 1
                                                                                                    case is
                                                                                    at saken
                                       ACTNT ACT2 2
                                                                                                    reopened
                                                                                    gjenåpnes gir oss
                                                                                                    gives us
                                                ACT3 3
ditr-suDECL
                                                                                    mot
                                                                                                    courage
                                                  HEAD decl-comp
                                                  INDX 1
                                                                                                    that they
                                           IOBJ INDX 3
                                                                                                    are so
                                                                                                    utterly
                                                                                                    friendly
                                                                                    at de er så ekstra
                                                ACT1 1
                                                                                                    shows us
                                                                                    vennlige viser
                                       ACTNT
                                                ACT2 2
                                                                                                    that they
                                                                                    oss at de har
                                                                                                    have back-
                                                ACT3 3
ditr-suDECL-obDECL
                                                                                    baktanker
                                                                                                    thoughts
                                                  HEAD decl-comp
                                       GF OBJ
                                                 ILLOCFORCE interr
                                           IOBJ INDX 3
                                                                                    at de er så ekstra
                                                                                                    that they
                                                                                    vennlige viser
                                                                                                    applaude
                                                                                    oss hvor
                                       ACTNT | ACT2 2
                                                                                                    shows us
                                                                                    pengene
                                                                                                    how they
                                                ACT3 3
ditr-suDECL-obINTERR
                                                                                    kommer fra
                                                                                                    think
                                           SUBJ [INDX 1]
[ILLOCFORCE interr]
                                       GF OBJ INDX 2
                                           IOBJ INDX 3
                                                ACT1 1
                                                                                    hvem som
                                       ACTNT ACT2 2
                                                                                                    who comes
                                                                                    kommer vil vise
                                                                                                    will show us
                                               ACT3 3
ditr-suINTERR
                                                                                    oss planen
                                                                                                    the plan
                                                  ILLOCFORCE interr
                                                 INDX 2
                                       GF OBJ
                                                 ILLOCFORCE interr
                                           IOBJ INDX 3
                                                                                    hvem som
                                                ACT1 1
                                                                                                    who comes
                                                                                    kommer vil vise
                                       ACTNT ACT2 2
                                                                                                    will show us
                                                                                    oss hva som
                                                                                                    what will
                                                ACT3 3
ditr-suINTERR-obINTERR
                                                                                    kommer til å skje
                                                                                                    happen
```

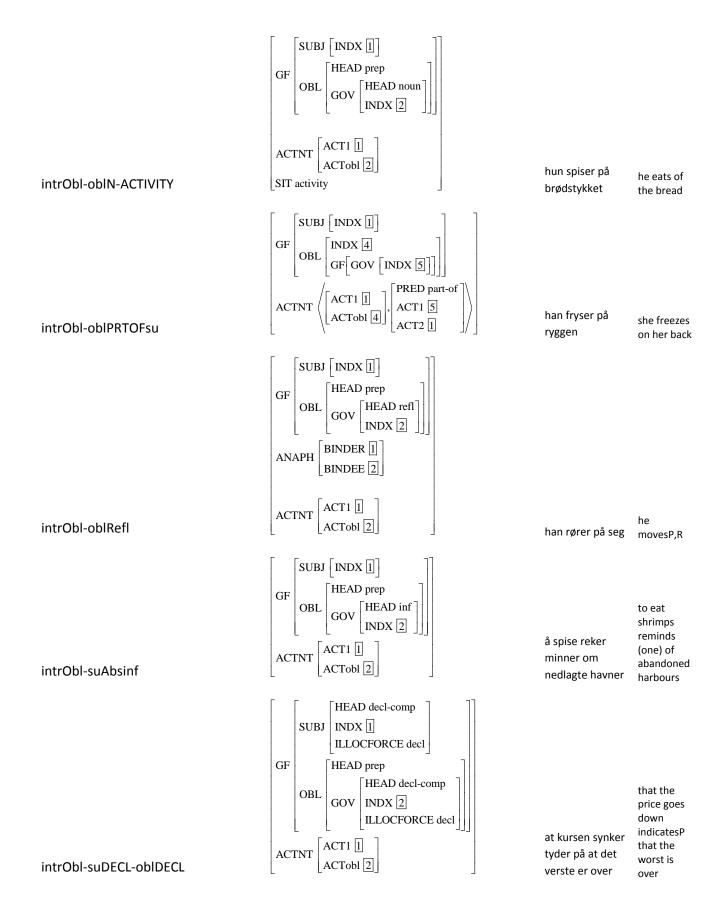
ditrExpnSu-obMeas-expnEqlobInf	GF SUBJ [HEAD pron-expl] OBJ [INDX 2] IOBJ [INDX 3] EXPN HEAD inf INDX 4 XACT 3 ACTNT ACT1 4 ACT2 2 ACT3 3	det koster henne mye krefter å slåss alene	it costs her much effort to fight alone
ditrObl-oblPRTOFiob	$\begin{bmatrix} SUBJ & [INDX & 1] \\ OBJ & [INDX & 2] \\ IOBJ & [INDX & 3] \\ OBL & [INDX & 4] \\ OBL & [GF] & [INDX & 5] \end{bmatrix} \end{bmatrix}$ $ACTNT & \begin{bmatrix} ACT1 & 1 \\ ACT2 & 2 \\ ACT3 & 3 \\ ACTobl & 4 \end{bmatrix}, \begin{bmatrix} PRED & part-of \\ ACT1 & 5 \\ ACT2 & 3 \end{bmatrix}$	ekornet kaster oss nøtter i hodet	the squirrel throws us nuts on our heads
impore	GF [SUBJ [HEAD pron-expl]] ACTNT []		
impers		det hagler	it hails
impersObl-oblN	GF SUBJ [HEAD pron-expl] OBL INDX I GF[GOV[HEAD noun]]] ACTNT [ACTobl I]	det går i døren	"someone moves by the door"
impersPrtcl	GF SUBJ [HEAD pron-expl] PRTCL HEAD adv INDX I ACTNT ACTOBL I	det tykner til	"it gets more overcast"
intr	GF [SUBJ [INDX []]] ACTNT [ACT1 []]	klærne tørker	the clothes dry
intr-RESULT	GF [SUBJ [INDX 1]] ACTNT [ACT1 1] SIT result	pengebidragene innløper	the cash contributio ns comeL in
intr-suAbsinf	GF SUBJ HEAD inf INDX I STATE ACTIVE	å slåss alene koster	to fight alone costs

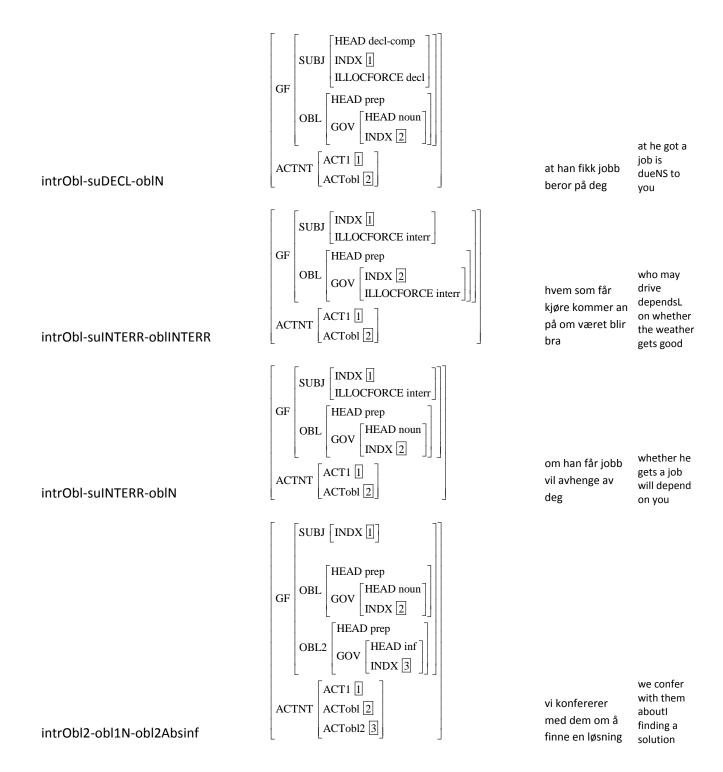
intr-suDECL	GF SUBJ HEAD decl-comp INDX I	at noe holdes skjult ryktes	that something is kept secret is rumouredN S
intr-suDir	GF [SUBJ [INDX []]] ACTNT [ACT1 [][ROLE oriented-object]]]	de ryker ut av turneringen	they drop out of the tournament
intr-suDirTemp	GF [SUBJ [INDX []]] ACTNT [ACT1 [][ROLE timeoriented-object]]	møtet varer til middag	the meeting lasts until dinner
intr-suINTERR	GF SUBJ INDX L ILLOCFORCE interr ACTNT ACTI L	hva som vil skje nå spørs	what will now happenNS is a question
intrAdv	GF SUBJ [INDX 1] ADV [INDX 2] PRED scope-over OP 2 SCOPE PRED pred ACT1 1	det ender godt	it ends well
	GF SUBJ HEAD decl-comp INDX [1] ADV [INDX [2]] PRED scope-over OP [2]		it often
intrAdv-suDECL	$\begin{bmatrix} \text{SCOPE} \begin{bmatrix} \text{PRED } pred \\ \text{ACT1} \ \boxed{1} \end{bmatrix} \end{bmatrix}$	det skjer ofte at folk blir syke	happens that people get sick
	GF ADV [INDX 2] EXPN HEAD decl-comp INDX 1 PRED scope-over OP 2		there often
intrAdvExpn-expnDECL	$\begin{bmatrix} \text{SCOPE} \begin{bmatrix} \text{PRED } pred \\ \text{ACT1} & \end{bmatrix} \end{bmatrix}$	det skjer ofte ulykker	occur accidents

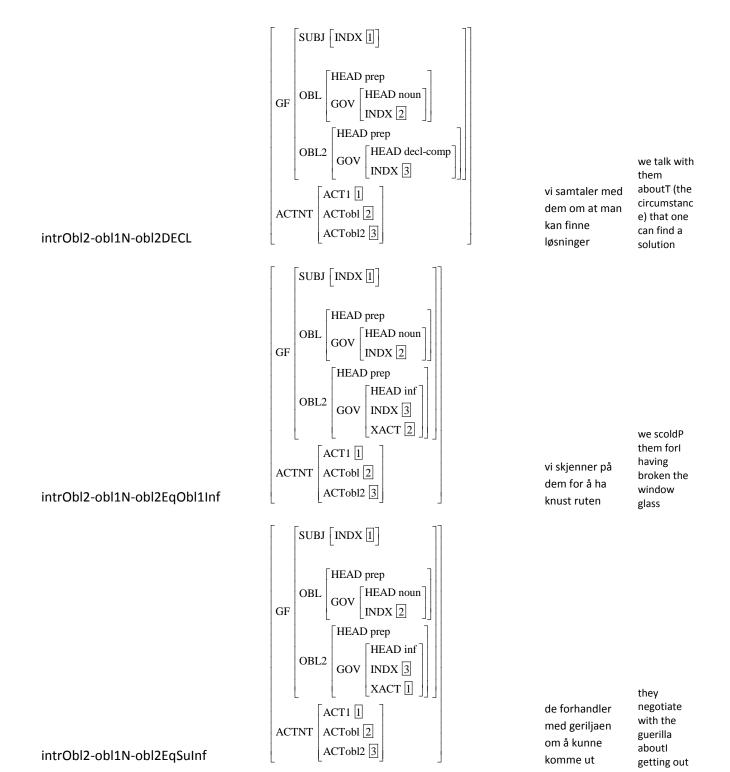
```
SUBJ [HEAD pron-expl]
                                           ADV INDX 2
                                            PRESENTED [INDX 1]
                                                PRED scope-over
                                        ACTNT
                                                OP 2
                                                                                                     that people
                                                        PRED pred
                                                                                                     get sick
                                                SCOPE
                                                                                     at folk blir syke
                                                                                                     often
                                                        ACT1 1
intrAdvPresnt
                                                                                     skjer ofte
                                                                                                     happens
                                       HEAD modal
                                            SUBJ [INDX 1]
                                                     HEAD verb TAM infinitive
                                       GF
                                            SECPRD INDX 2
                                                     XACT 1
                                       ACTNT ACT1 2
intrAuxmodScpr-scSuNrg-scBareinf
                                                                                     han skal gå
                                                                                                     he shall go
                                        HEAD copula
                                            SUBJ [INDX 1]
                                                     HEAD verb[TAM perf]
                                       GF
                                            SECPRD
                                                     INDX 2
                                                     XACT 1
                                       ACTNT ACT1 2
intrAuxpassScpr-scSuNrg-scPass
                                                                                     han er skutt
                                                                                                     he is shot
                                       HEAD perfective
                                           SUBJ [INDX 1]
                                                     HEAD verb[TAM perf]
                                       GF
                                           SECPRD INDX 2
                                                    XACT 1
                                                                                                     he has
                                       ACTNT ACT1 2
intrAuxperfScpr-scSuNrg-scPerf
                                                                                     han har kommet
                                                                                                     come
                                           SUBJ [INDX 1]
                                                                                     hun husker
                                                                                     hvem som
                                                                                                     she recalls
intrComp-compINTERR
                                                                                     kommer
                                                                                                     who comes
                                                 ILLOCFORCE decl
                                                                                                     that they
                                       GF
                                                                                     at de støtter
                                                  INDX 2
                                                                                                     support him
                                           COMP
                                                                                     ham beviser
                                                  ILLOCFORCE interr
                                                                                                     proves who
                                                                                     hvem som står
                                                                                                     stands
intrComp-suDECL-compINTERR
                                                                                     bak
                                                                                                     behind
                                           SUBJ [HEAD pron-expl]
                                                                                     det mankerer å
                                                 [HEAD inf]
                                                                                                     it fails to
                                                                                     løse den siste
                                                                                                     solve the
intrExpn-expnAbsinf
                                                                                     oppgaven
                                                                                                     last task
                                       ACTNT ACT1 1
```

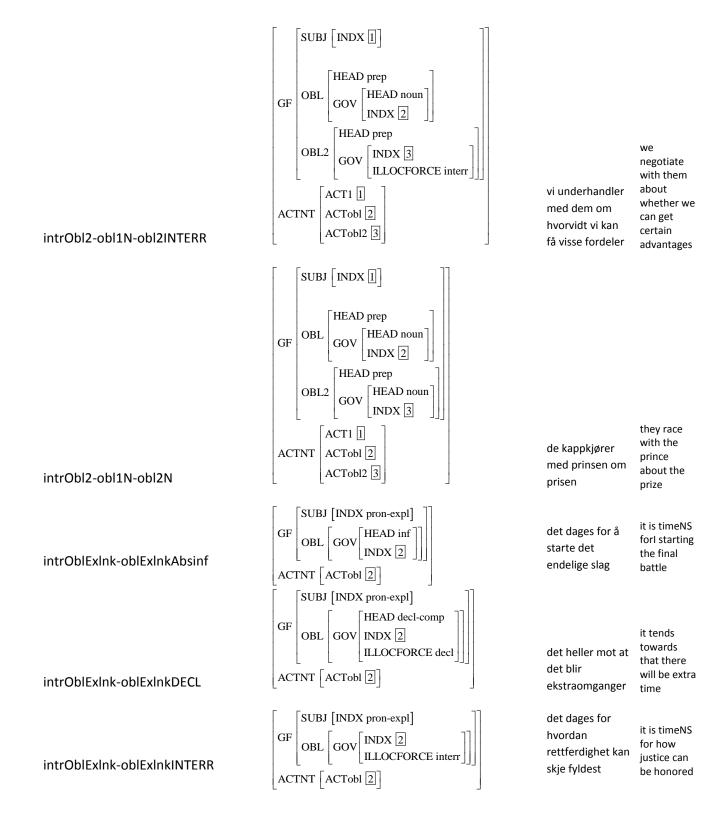


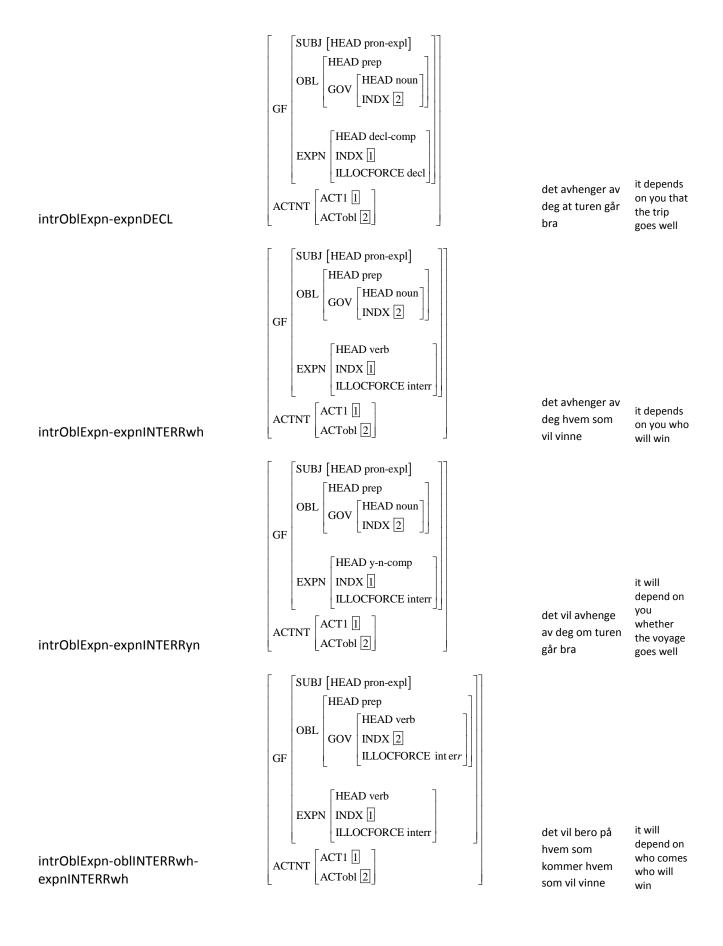


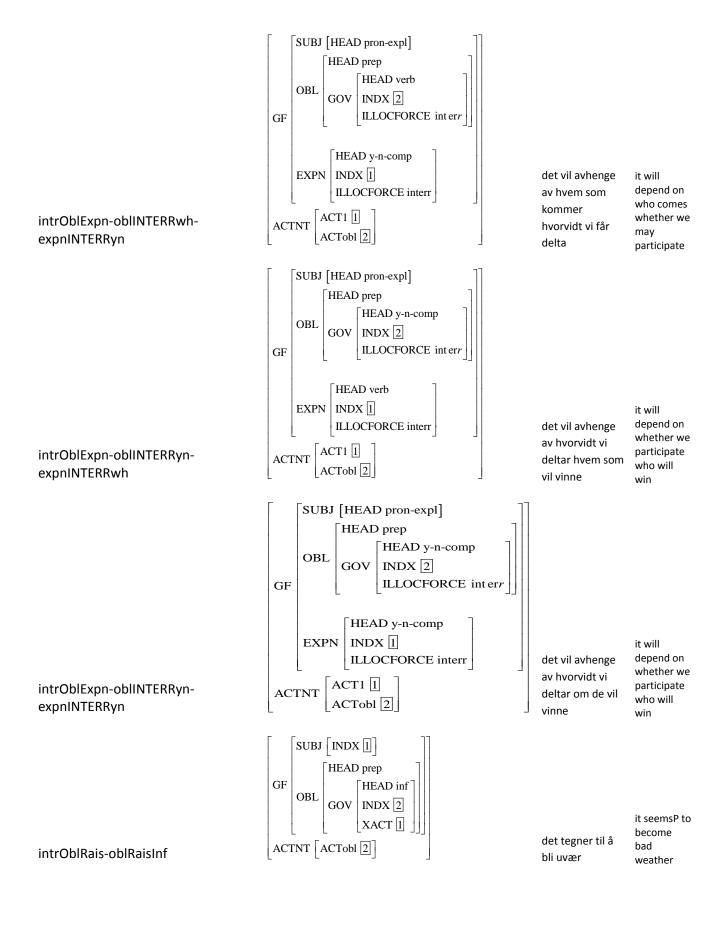




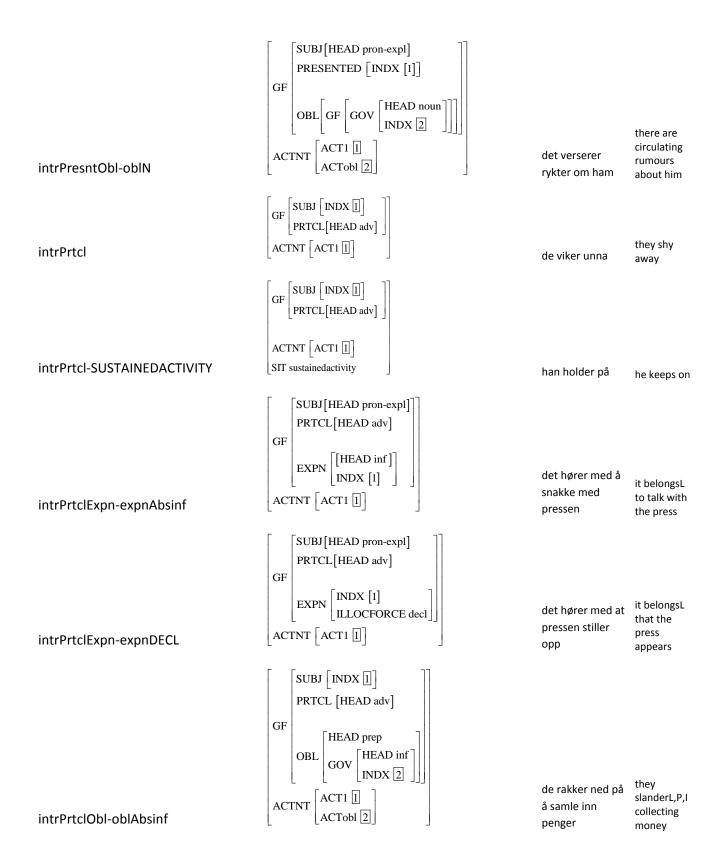


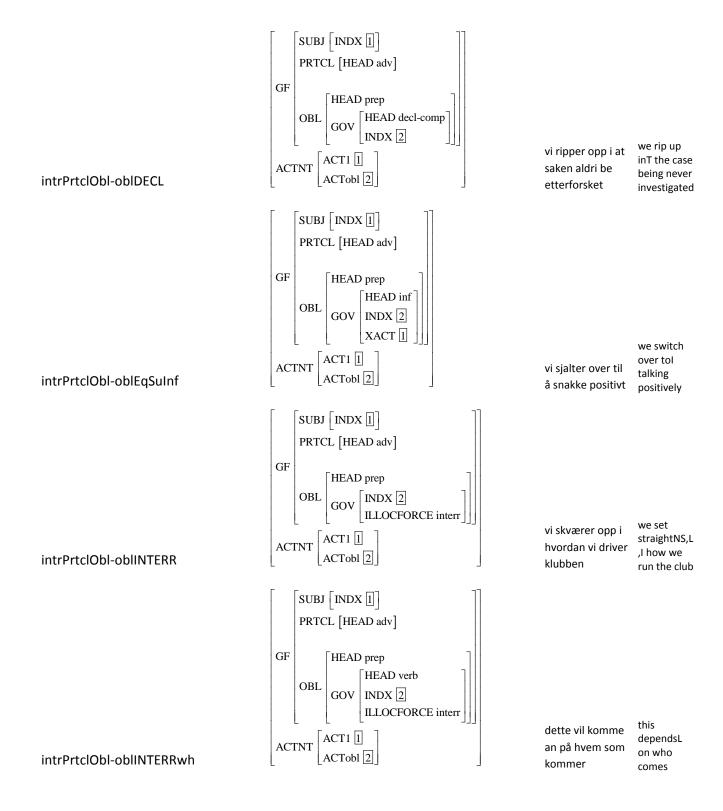


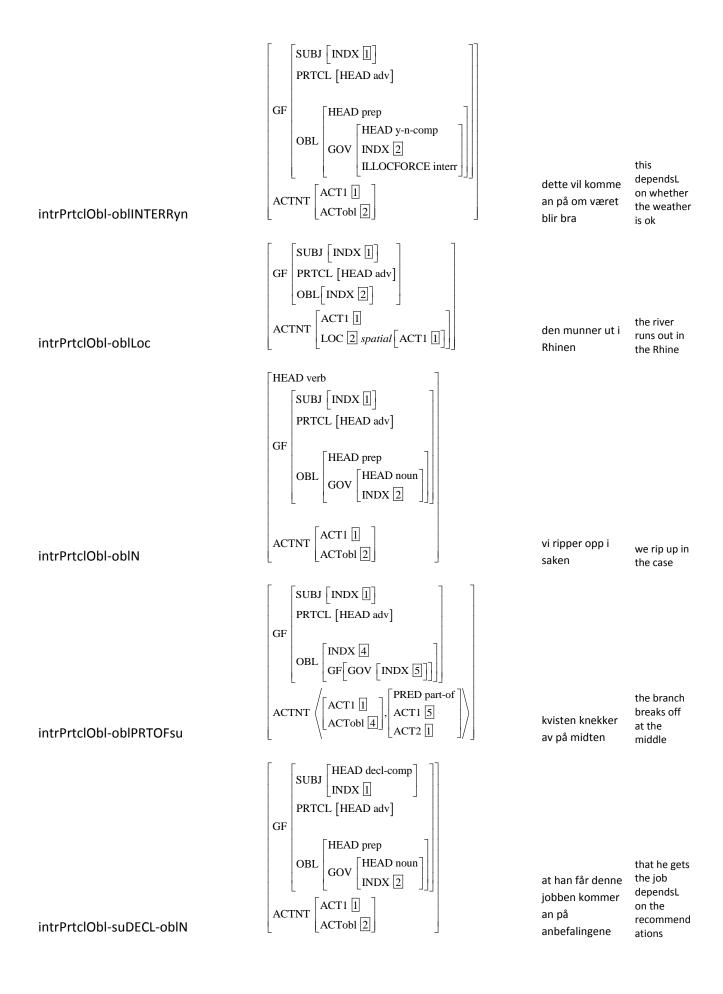


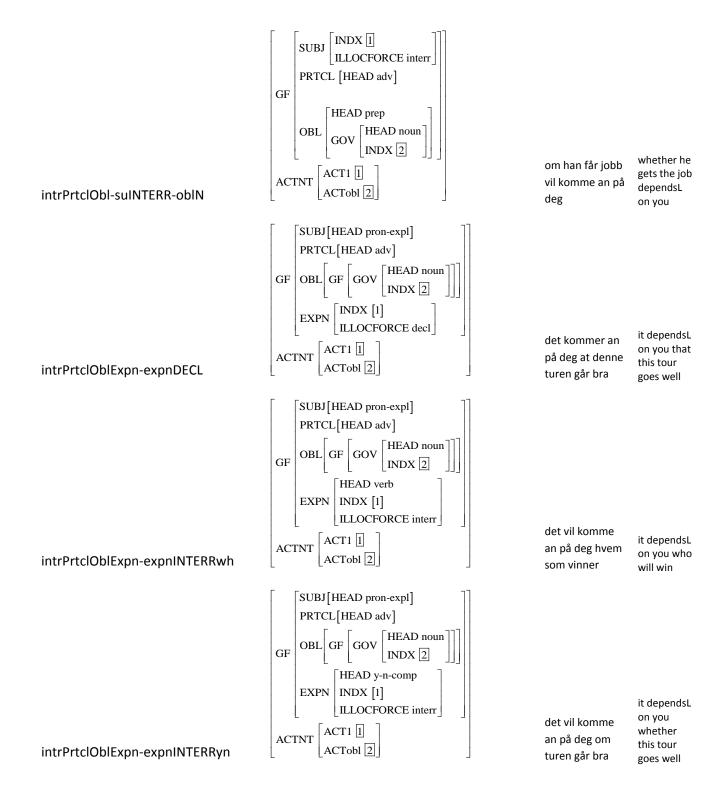


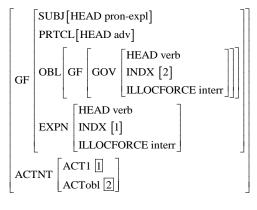
intrPath-suDir-PUREORIENTATION	GF SUBJ [INDX [1][ROLE oriented-obj]] DIR [HEAD dir-adpos] ACTNT [ACT1 1] SIT pureorientation	pilen peker mot	the arrow points towards
intrPresnt	GF SUBJ [HEAD pron-expl] PRESENTED [INDX I] ACTNT [ACT1 I]	øst det trengs en spesialist	il faut un specialist
intrPresnt-RESULT	GF SUBJ [HEAD pron-expl] PRESENTED [INDX 1] ACTNT [ACT1 1] SIT result	det hensvinner bevis	there disappeans evidence
intrPresntDir	GF SUBJ [HEAD pron-expl] PRESENTED [INDX [1][ROLE oriented-obj]]] ACTNT [ACT1 1]	det hopper en katt opp i stolen	there jumps a cat into the chair
intrPresntLoc	GF GF [SUBJ[HEAD pron-expl] PRESENTED [INDX [1][ROLE located-obj]] OBL [INDX 2] ACTNT [ACT1 1] LOC 2 spatial [ACT1 1]	det står en kommode her	there stands a chest of drawers here
intrPresntObl-oblDECL	GF OBL GF GOV INDX [1] OBL GF GOV INDX [2] ILLOCFORCE decl ACTNT ACTOBL AC	det verserer rykter om at han kommer	there are circulating rumours aboutT him coming
intrPresntObl-oblINTERR	GF GF GF GF GF GF GF GOV GF GOV GF GOV GF GOV GF ACTNT ACTOBL ACTOBL ACTOBL ACTOBL GOV GOV GOV GOV GOV GOV GOV GO	det verserer rykter om hva vi har i vente	there are circulating rumours about what we may expect











intrPrtclOblExpn-oblINTERRwhexpnINTERRwh

det vil komme an på hvem som kommer hvem som vil vinne

it dependsL on who comes who will win

```
SUBJ[HEAD pron-expl]
    PRTCL[HEAD adv]
                  HEAD verb
    OBL GF GOV INDX [2]
GF
                  ILLOCFORCE interr
          THEAD y-n-comp
    EXPN INDX [1]
          ILLOCFORCE interr
        ACTobl 2
```

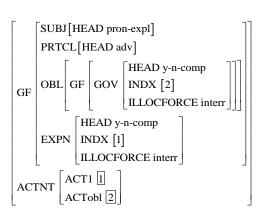
intrPrtclOblExpn-oblINTERRwhexpnINTERRyn

det vil komme an på hvem som kommer hvorvidt vi vil vinne

it dependsL on who comes whether we will win

```
SUBJ[HEAD pron-expl]
    PRTCL[HEAD adv]
                  HEAD y-n-comp
            GOV INDX [2]
    OBL GF
GF
                 ILLOCFORCE interr
          HEAD verb
   EXPN INDX [1]
          ILLOCFORCE interr
        ACTobl 2
```

intrPrtclOblExpn-oblINTERRynexpnINTERRwh

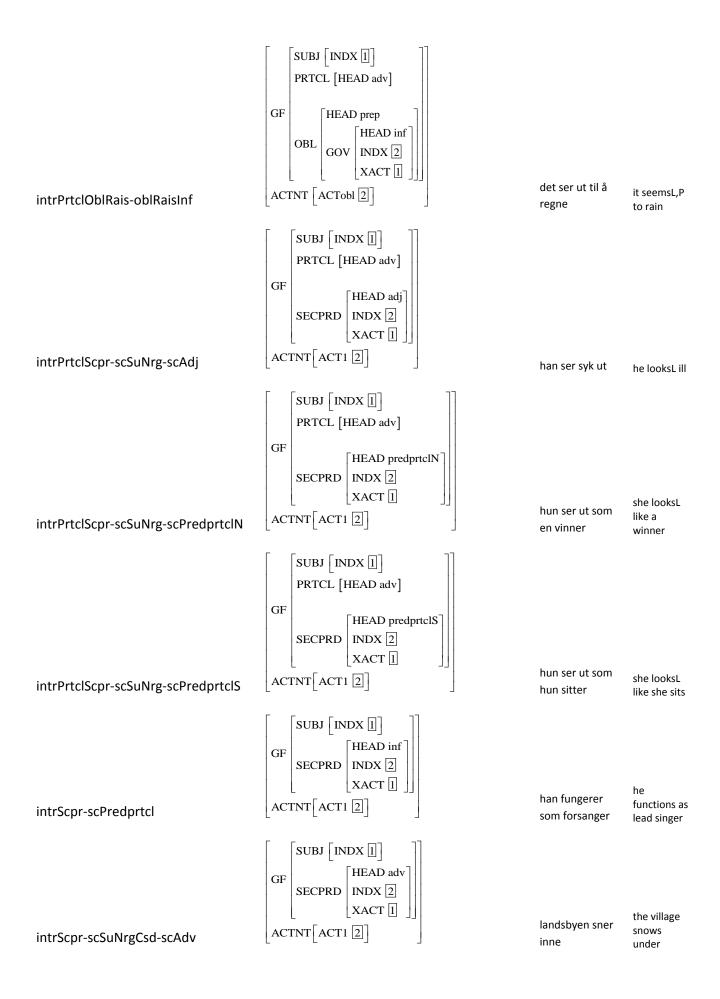


det vil komme an på hvorvidt vi deltar hvem som vil vinne

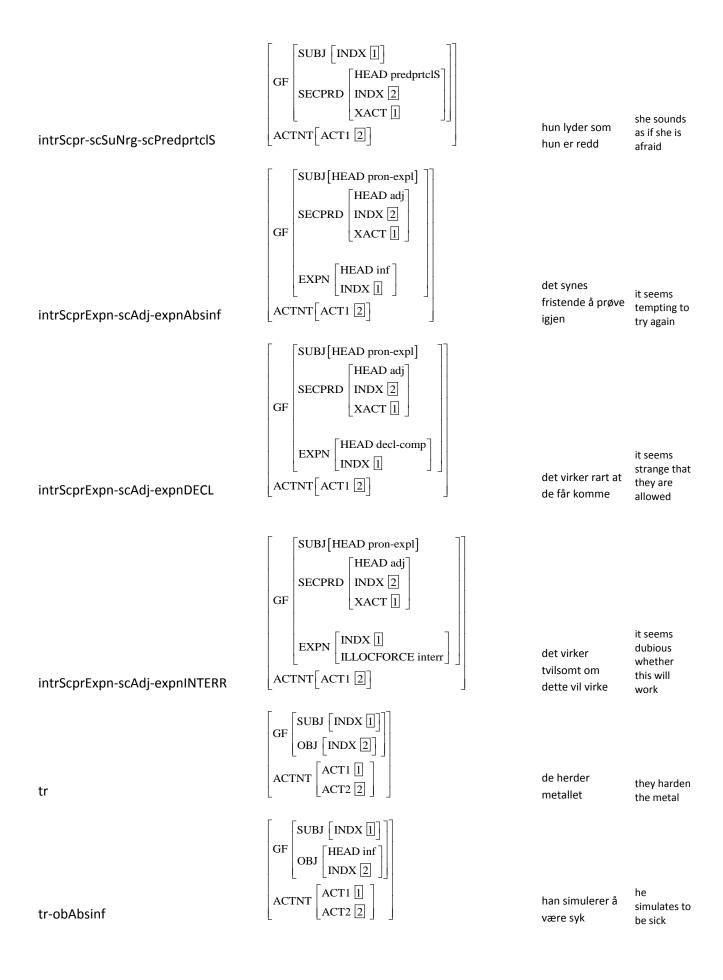
it dependsL on whether participate who will win

it dependsL on whether det vil komme participate an på hvorvidt vi whether deltar om de they will vinner win

intrPrtclOblExpn-oblINTERRynexpnINTERRyn



intrScpr-scSuNrgCsd-scPred	GF SUBJ [INDX 1] HEAD adj-or-prep INDX 2 XACT 1 ACTNT [ACT1 2]	motoren går varm	the motor runs hot
intrScpr-scSuNrg-scDir	GF SUBJ [INDX 1] SECPRD INDX 2 XACT 1] ACTNT ACT1 2[ROLE oriented-object]	hun må vekk	she must off
intrScpr-scSuNrg-scInf	GF SUBJ [INDX 1] HEAD inf INDX 2 XACT 1] ACTNT [ACT1 2]	oppskriften synes å fungere	the recipe seems to work
intrScpr-scSuNrg-scN	GF SUBJ [INDX 1] HEAD noun INDX 2 XACT 1 ACTNT ACT1 2	han synes en snill prest	he seems like a kind priest
intrScpr-scSuNrg-scPred	GF SUBJ [INDX 1] HEAD adj-or-prep INDX 2 XACT 1 ACTNT [ACT1 2]	han tykkes glad	he seems happy
intrScpr-scSuNrg-scPredprtcl	GF SUBJ [INDX 1] SECPRD HEAD predprtcl INDX 2 XACT 1 ACTNT [ACT1 2]	vi opptrer som forsøkspersoner	we figure as research subjects
intrScpr-scSuNrg-scPredprtclN	GF SUBJ [INDX 1] HEAD predprtclN INDX 2 XACT 1 ACTNT [ACT1 2]	det lyder som et signal	it sounds like a signal



tr-obDECL	GF GF OBJ HEAD decl-comp INDX 2 ILLOCFORCE decl ACTNT ACT1 1 ACT2 2	han simulerer at han er syk	he simulates that he is sick
tr-obDECL-obV	GF GF GF GF GBJ GBJ GBJ GBJ GBJ	vi tror han kommer	we think he comes
tr-obDir	GF SUBJ [INDX 1] OBJ [INDX 2] [ROLE oriented-object]] ACTNT ACT1 1 ACT2 2 SUBJ [INDX 1]	vi tømmer innholdet ut i elven	we empty the content out into the river
tr-obEqBareinf	GF OBJ HEAD verb-BAREINF INDX 2 XACT 1 ACT1 1 ACT2 2 SUBJ [INDX 1]	hun tør komme	she dares come
tr-obEqSuInf	GF OBJ HEAD inf INDX 2 XACT 1] ACTNT ACT1 ACT2 2]	hun unnlater å melde seg	she fails to report
tr-obEventunit	GF SUBJ [INDX 1] OBJ [INDX 2] [ROLE eventunit]] ACTNT ACT1 1 ACT2 2] SUBJ [INDX 1]	de dør en pinefull død	they die a painful death
tr-obINTERR	GF OBJ INDX 2 ILLOCFORCE interr ACTNT ACT1 ACT2 2	de eliminerer hva som finnes av utveier	they eliminate who may have done it

	GF SUBJ [INDX [1]] OBJ HEAD refl INDX [2] ANAPH BINDER [1] BINDEE [2]		
tr-obRefl	$\begin{bmatrix} ACT1 & \boxed{1} \\ ACT2 & \boxed{2} \end{bmatrix}$	hun forkjøler seg	she getsR,NS a cold
	GF SUBJ [INDX 1] OBJ HEAD refl INDX 2 [ROLE oriented-object]] ANAPH BINDER 1 BINDEE 2		she
tr-obRefl-obDir	ACTNT ACT1 ACT2 D	hun karer seg til uthuset	scrambles herself to the outhouse
tr-suAbsinf	GF SUBJ HEAD inf INDX 1 OBJ [INDX 2] ACTNT ACT1 1 ACT2 2	å drive storgård koster penger	to run a big farm costs money
	GF SUBJ HEAD inf INDX 1 OBJ HEAD inf INDX 2	å slutte betyr å	to stop means to
tr-suAbsinf-obAbsinf		gi opp	give up
tr-suDECL	GF SUBJ HEAD decl-comp INDX [] OBJ [INDX 2] ACTNT ACT1 [] ACT2 2]	at han sang foran kirkedøren forarget mange	that he sang before the church door angered many
tr-suDECL-obDECL	GF SUBJ HEAD decl-comp INDX OBJ HEAD decl-comp INDX ACTNT ACT1 ACT2 ACT2	at regnskapet stemmer impliserer at han har snakket sant	that the accounts are correct implies that he has spoken the truth
tr-suDir	GF SUBJ [INDX 1][ROLE oriented-object]] OBJ [INDX 2] ACTNT ACT1 1 ACT2 2]	båten ankommer byen	the boat arrivesP to the city

```
GF SUBJ [INDX 1][ROLE oriented-object]]
OBJ [INDX 2] [ROLE lengthunit]]
ACTNT ACT1 1
ACT2 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                      han hopper fem
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      he jumps
tr-suDir-obLengthunit
                                                                                                                                                                                                                                                                                                                                                                                                                                                      meter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       five metres
                                                                                                                                                                                                         GF SUBJ [INDX 1][ROLE oriented-object]]
OBJ [INDX 2]
ANAPH BINDER 1]
BINDEE 2
ACTNT ACT1 1
ACT2 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                      hun lister seg
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       she sneaksR
tr-suDir-obRefl
                                                                                                                                                                                                                                                                                                                                                                                                                                                      unna
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      away
                                                                                                                                                                                                       GF SUBJ INDX 1 XACT 2 DBJ [INDX 2]

ACTNT ACT1 1 ACT2 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      to hear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      such a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       beautiful
                                                                                                                                                                                                                                                                                                                                                                                                                                                      å høre så vakker
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       song
tr-suEqObInf
                                                                                                                                                                                                                                                                                                                                                                                                                                                      sang huger meg
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      pleases me
                                                                                                                                                                                                        GF
SUBJ
INDX
IILLOCFORCE interr
OBJ
INDX
2

ACTNT
ACT1
ACT2

INDX
IILLOCFORCE interr

ILLOCFORCE interr

                                                                                                                                                                                                                                                                                                                                                                                                                                                      hvem som
                                                                                                                                                                                                                                                                                                                                                                                                                                                      kommer vil
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       who comes
                                                                                                                                                                                                                                                                                                                                                                                                                                                      indikere planen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      will indicate
tr-suINTERR
                                                                                                                                                                                                                                                                                                                                                                                                                                                      deres
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      the plan
                                                                                                                                                                                                          GF
\begin{bmatrix}
SUBJ \begin{bmatrix} INDX \ \boxed{1} \\ ILLOCFORCE interr \end{bmatrix} \\
OBJ \begin{bmatrix} INDX \ \boxed{2} \\ ILLOCFORCE interr \end{bmatrix}
\end{bmatrix}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       who comes
                                                                                                                                                                                                                                                                                                                                                                                                                                                      hvem som
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      will indicate
                                                                                                                                                                                                                                                                                                                                                                                                                                                      kommer vil
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       what we
                                                                                                                                                                                                                                                                                                                                                                                                                                                      antyde hva vi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       should
tr-suINTERR-obINTERR
                                                                                                                                                                                                                                                                                                                                                                                                                                                      kan vente
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       expect
                                                                                                                                                                                                        GF

SUBJ [INDX 1]

OBJ [INDX 2] [MANNER 3]]

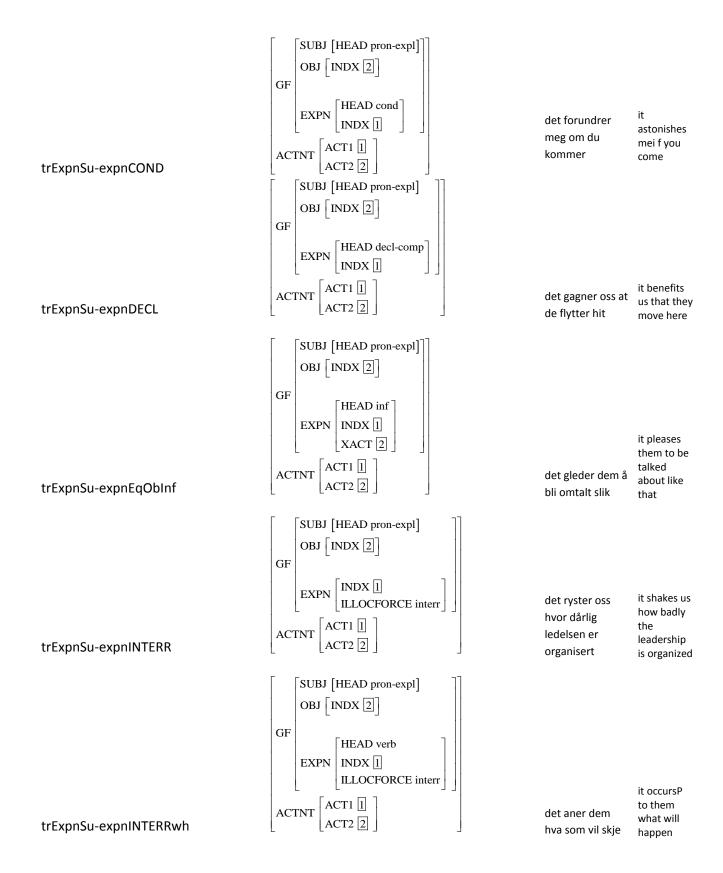
ADV [HEAD adverb | INDX 3]

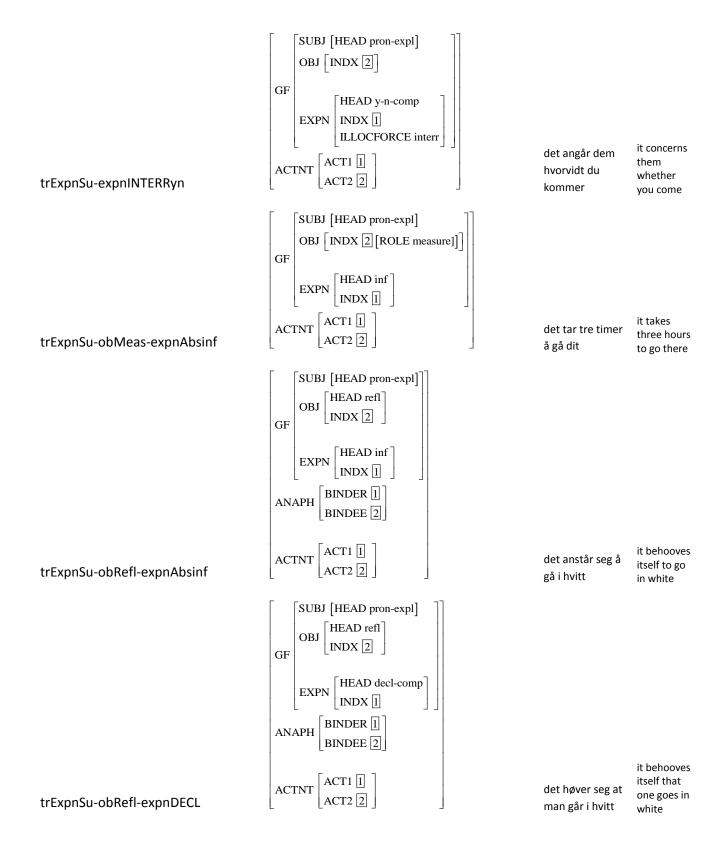
ACTNT [ACT1 1]

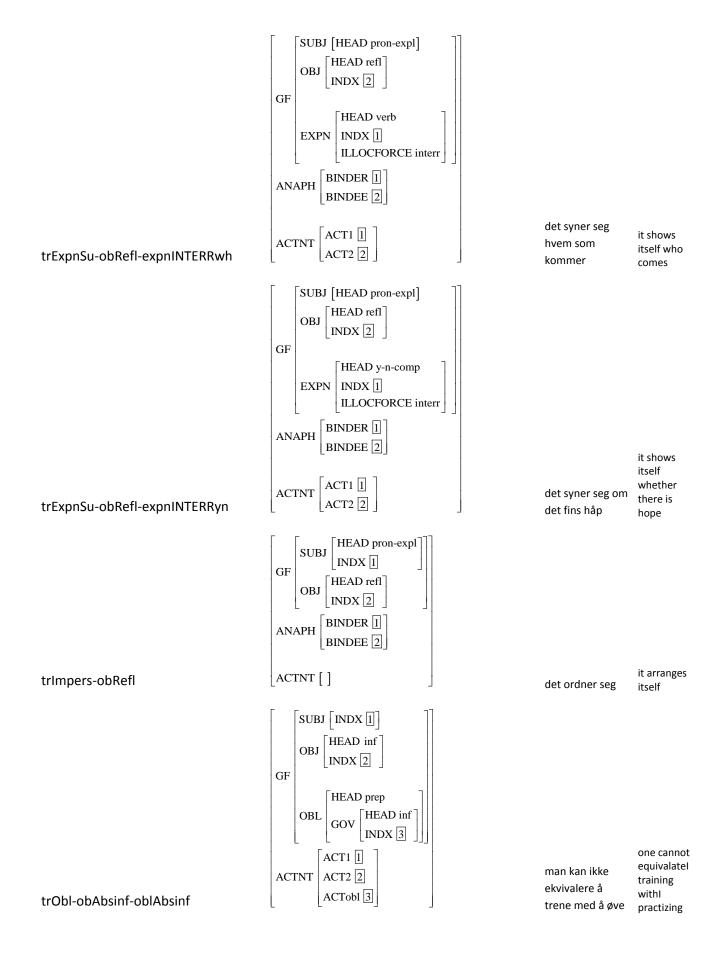
ACT2 2]
                                                                                                                                                                                                                                                                                                                                                                                                                                                      vi rangerer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       we rank her
                                                                                                                                                                                                                                                                                                                                                                                                                                                      henne høyt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      high
```

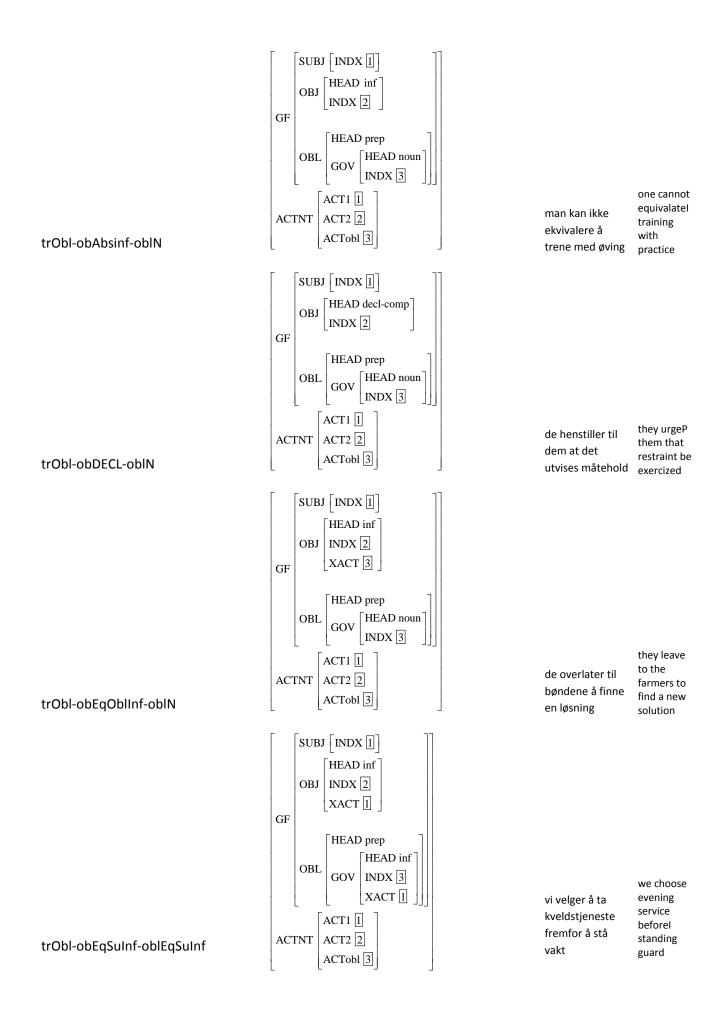
trAdv

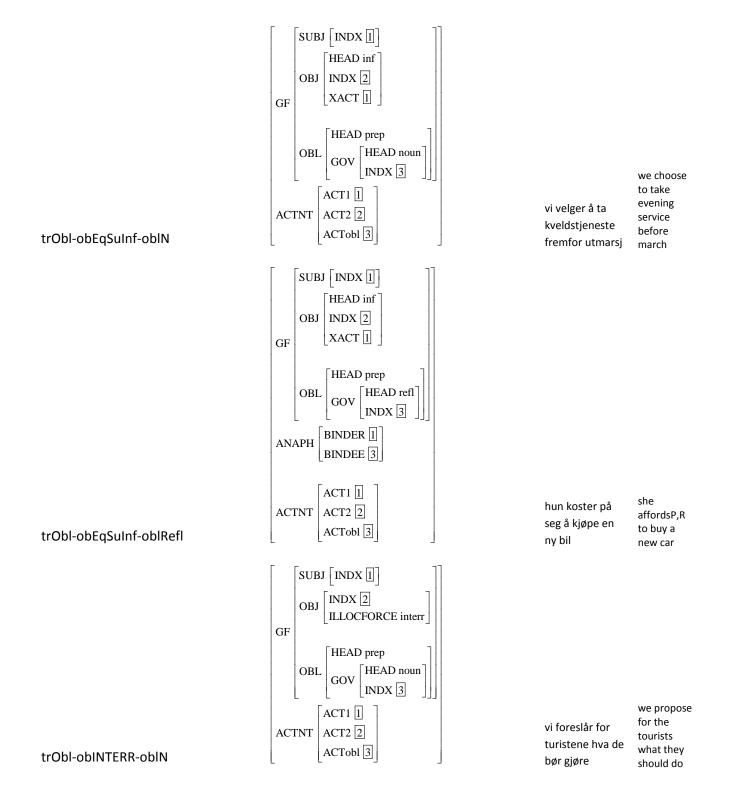
	GF SUBJ [INDX 1] OBJ [INDX 2] [MANNER 3]] ADV [HEAD adverb INDX 3] ANAPH [BINDER 1] BINDEE 2]		
trAdv-obRefl	ACTNT ACT1 ACT2 ACT2 D	han skikker seg vel	he behavesR well
trExpnOb-expnAbsinf	GF SUBJ [INDX [] OBJ [HEAD pron-expl] EXPN HEAD inf INDX [2] ACTNT ACT1 [1] ACT2 [2]	de umuliggjør det å finne en fredsplan	they makeNS it impossible to find a peace plan
trExpnOb-expnCOND	GF SUBJ [INDX 1] OBJ [HEAD pron-expl] EXPN [HEAD cond INDX 2] ACTNT [ACT1 1] ACT2 2]	jeg beklager det om du føler deg forbigått	I regret it if you feel neglected
trExpnOb-expnDECL	GF SUBJ [INDX 1] OBJ [HEAD pron-expl] EXPN [HEAD decl-comp INDX 2] ACTNT [ACT1 1] ACT2 2]	jeg beklager det at du føler deg forbigått	I regret it that you feel neglected
trExpnSu-expnAbsinf	GF SUBJ [HEAD pron-expl] OBJ [INDX 2] EXPN [HEAD inf INDX 1] ACTNT ACT1 1 ACT2 2	det mangler å løse den siste oppgaven	it fails to solve the last task

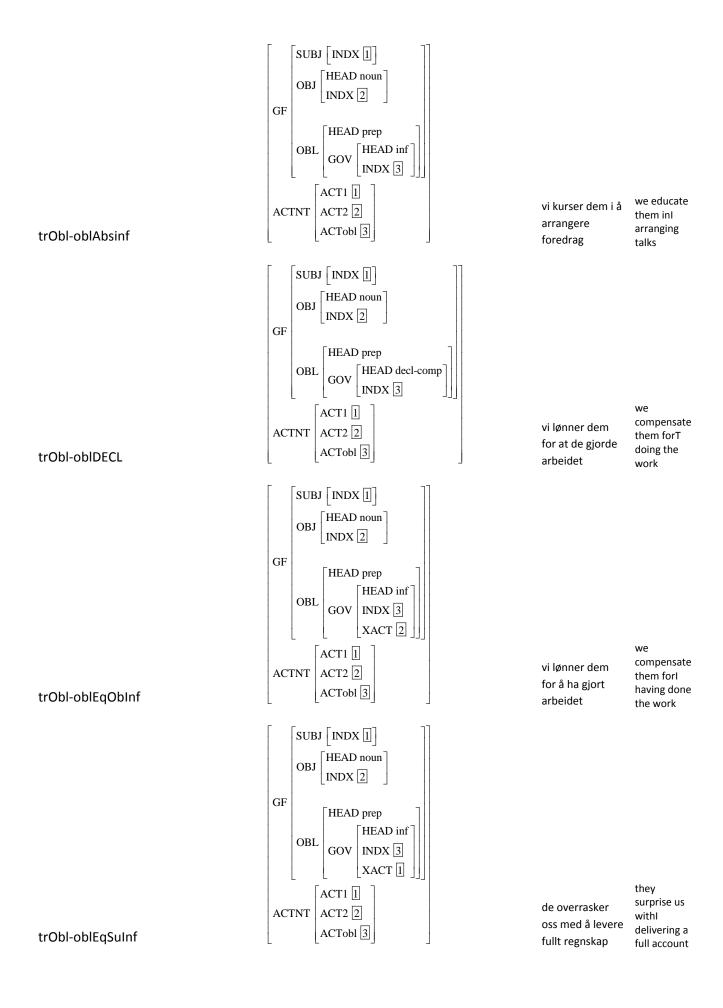


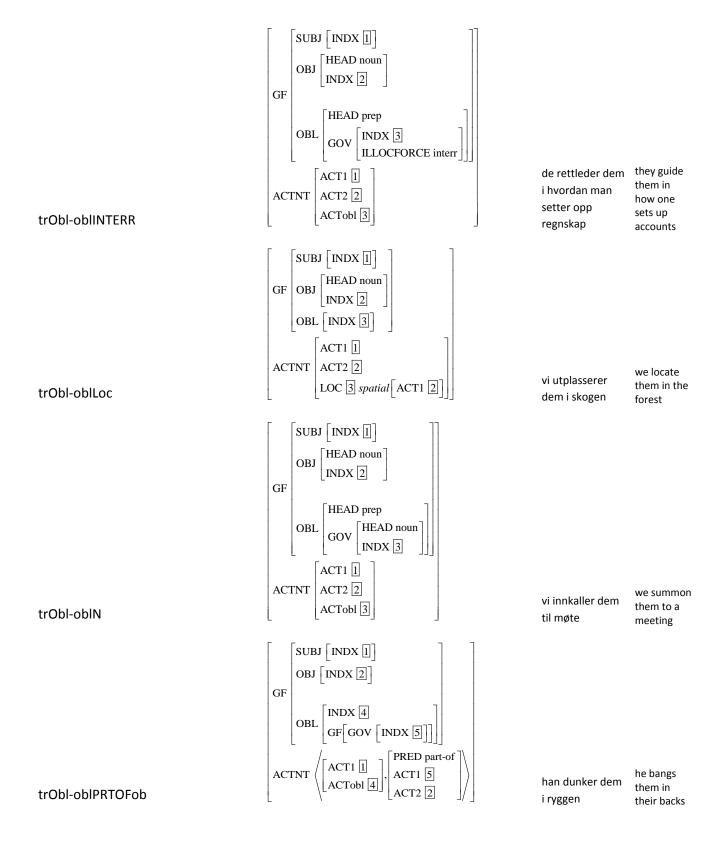


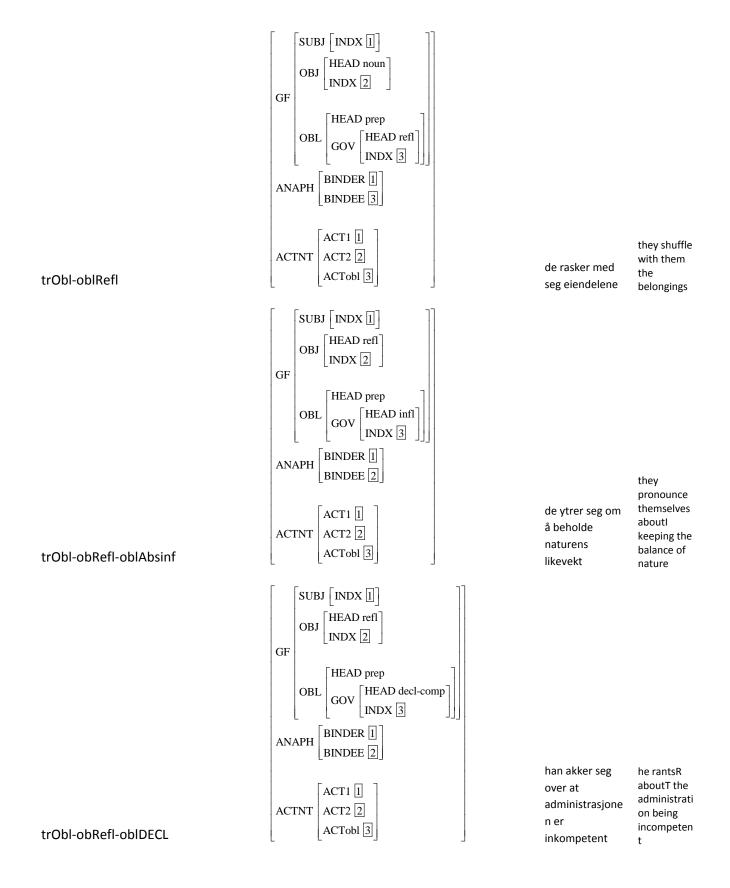


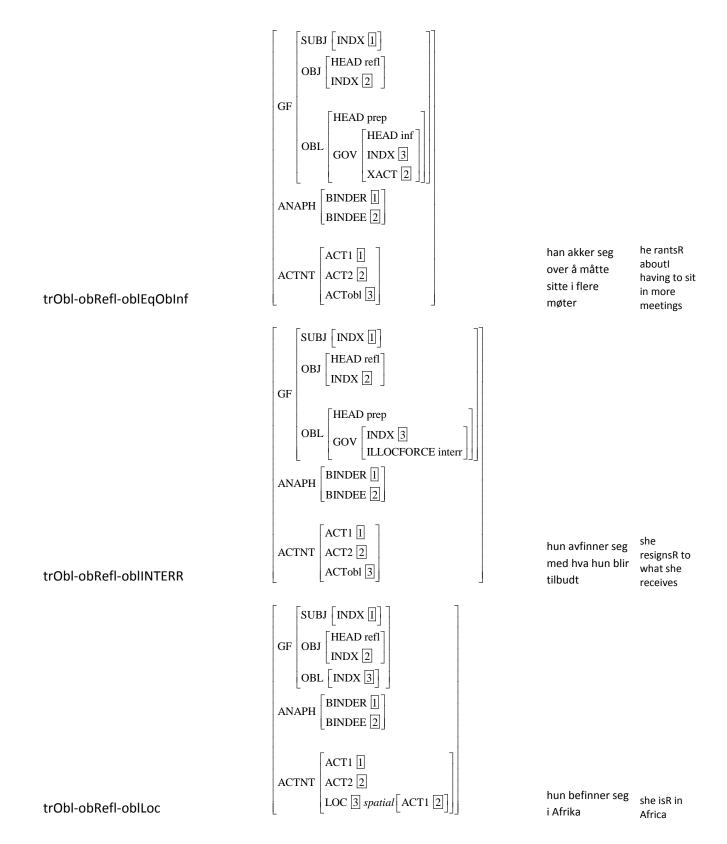


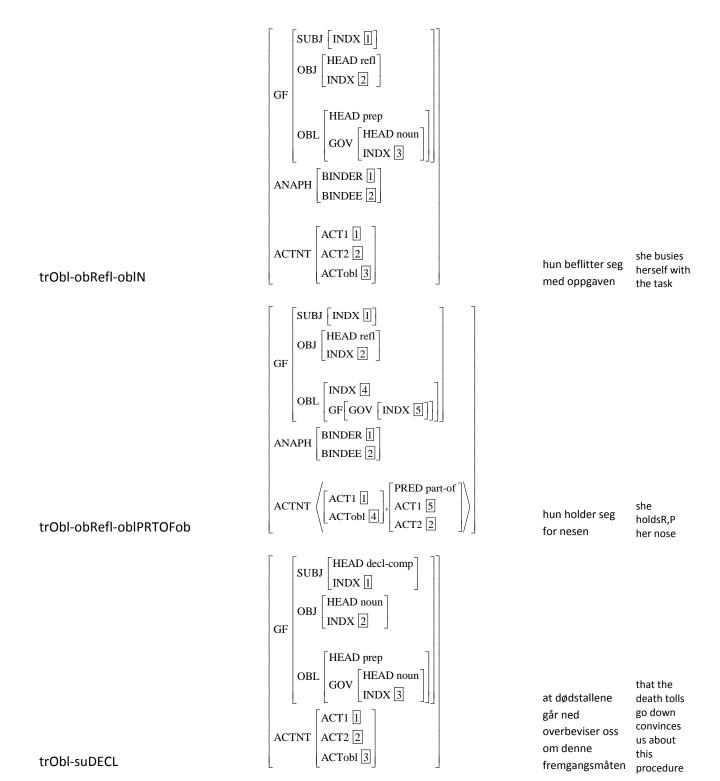


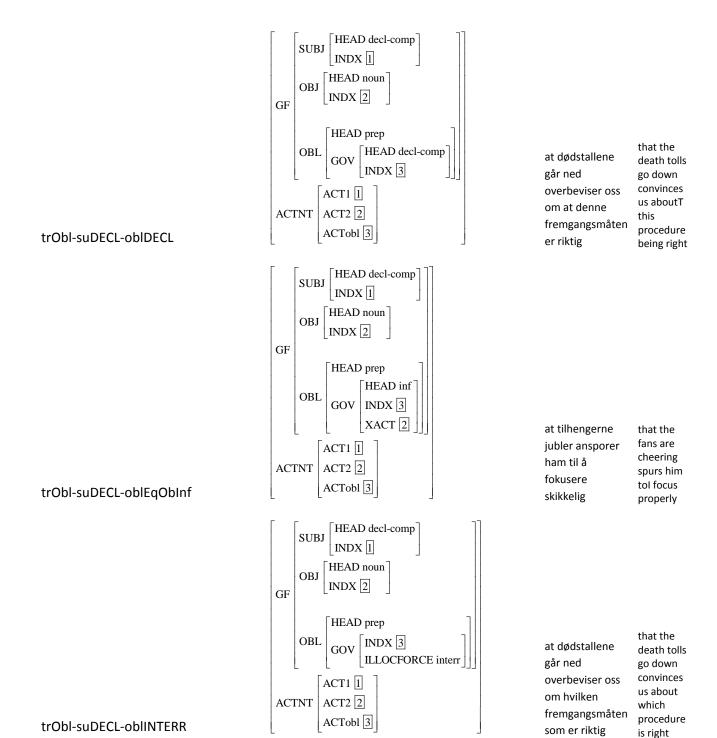


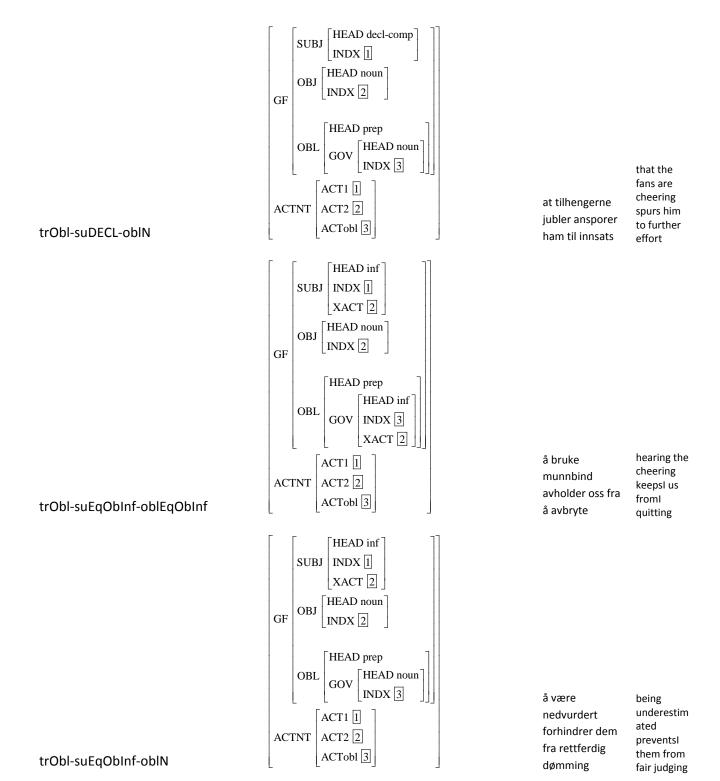


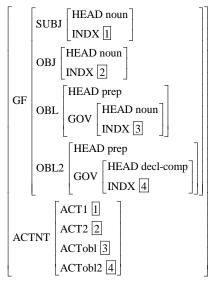












vi stevner dem for retten for at de har bespottet gud we drag them to court forT having committed blasphemy

trObl2-obl1N-obl2DECL

```
HEAD noun
   SUBJ
         INDX 1
       HEAD noun
   OBJ
        INDX 2
        HEAD prep
GF OBL
             HEAD noun
        GOV
             INDX 3
         HEAD prep
              HEAD inf
   OBL2
         GOV INDX 4
              XACT 3
       ACT1 1
       ACT2 2
ACTNT
       ACTobl 3
       ACTobl2 4
```

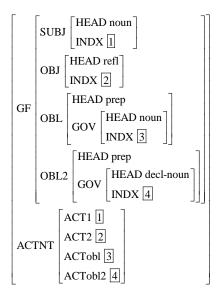
vi stevner dem for retten for å ha bespottet gud

we drag them to court forT having committed blasphemy

trObl2-obl1N-obl2EqObInf

vi innklager dem til domstolen for hva de gjorde med dokumentene we drag them to court for what they did with the documents

trObl2-obl1N-obl2INTERR



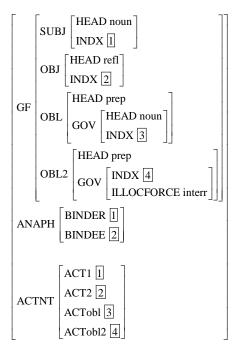
trObl2-obl1N-obl2N

jeg vedder et stort beløp med Ola på hesten I bet a big amount with Ola on the horse

HEAD noun SUBJ INDX 1 HEAD refl OBJ INDX 2 HEAD prep GF OBL HEAD noun INDX 3 HEAD prep HEAD inf OBL2 GOV BINDER 1 ANAPH BINDEE 2 ACT1 1 ACT2 2 ACTNT ACTobl 3 ACTobl2 4

de samordner seg med hjelpemannskap ene om å finne en løsning they consultR with the rescue forces aboutl finding a solution

trObl2-obRefl-obl1N-obl2Absinf



hun rådfører seg med dem om hvordan man kan behandle soppskader she consultsR with them about how one can treat fungal damage

trObl2-obRefl-obl1N-obl2INTERR

```
HEAD noun
   SUBJ
         INDX 1
        HEAD refl
   OBJ
        INDX 2
        HEAD prep
GF
   OBL
             [HEAD noun]
        GOV
             INDX 3
         HEAD prep
       BINDER 1
ANAPH
       BINDEE 2
       ACT1 1
       ACT2 2
ACTNT
       ACTobl 3
       ACTobl2 4
```

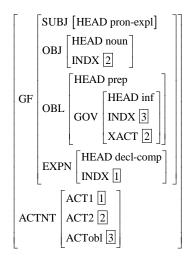
hun rådfører seg med dem om soppskader she consultsR with them about fungal damage

trObl2-obRefl-obl1N-obl2N

GF	CIIDI	[HEAD noun]			
	SOBI	HEAD noun INDX I			
	OBJ [HEAD pron-expl]				
		HEAD prep			
	OBL	GOV [HEAD noun]			
		GOV HEAD noun INDX 3			
	EXPN HEAD inf INDX 2				
ACT	FNT A	ACT2 2			
	A	ACTobl 3			

de overlater det til bøndene å finne en løsning they leave it to the farmers to find a solution

trOblExpnOb-expnAbsinf



SUBJ [HEAD pron-expl]
OBJ HEAD noun
INDX 2

trOblExpnSu-oblEqObInf-expnDECL

det ansporer ham til å fokusere at han får applaus

it spurs him tol focus that he gets applause

GF OBL HEAD prep HEAD inf GOV INDX 3 XACT 2]

EXPN HEAD inf INDX 1 XACT 2 ACT1 1 ACT2 2

ACTobl 3

 $trOblExpnSu-oblEqObInf-\\expnEqObInf$

det ansporer ham til å fokusere å høre tilropene

it spurs him tol focus to hear the applause

GF SUBJ [HEAD pron-expl]

OBJ HEAD noun INDX 2

HEAD prep
OBL GOV HEAD noun INDX 3

EXPN HEAD decl-comp INDX 1

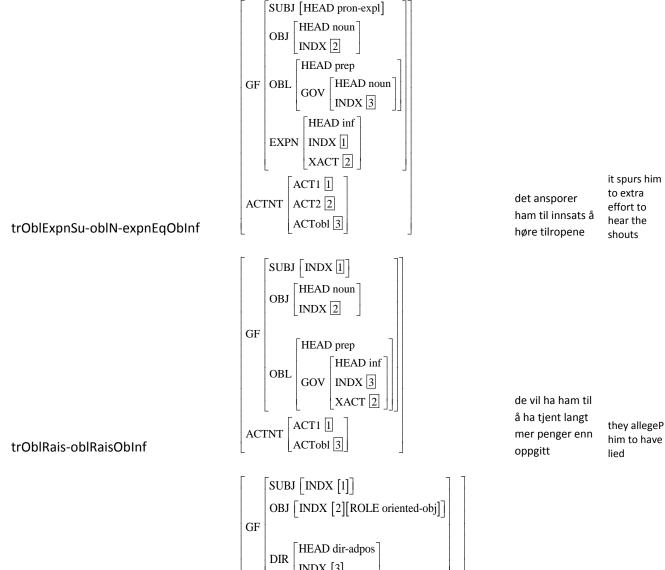
ACT1 1

ACT2 2

ACT0bl 3

det ansporer ham til innsats at han hører tillropene it spurs him to extra effort that he hears the cheering

trOblExpnSu-oblN-expnDECL



trPath-obDir-ORIENTING

OBJ [INDX [2][ROLE oriented-obj]]

OF

DIR HEAD dir-adpos INDX [3]

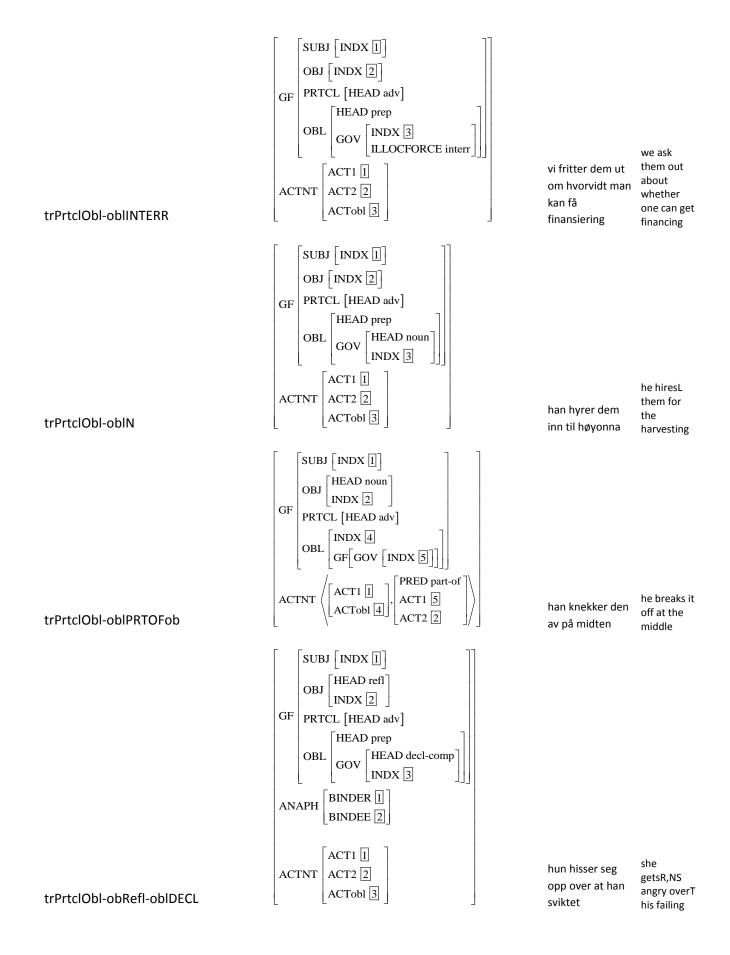
ACTNT ACT1 ACT2 ORIENT ACT1 ACT1 DIR ACT1 D

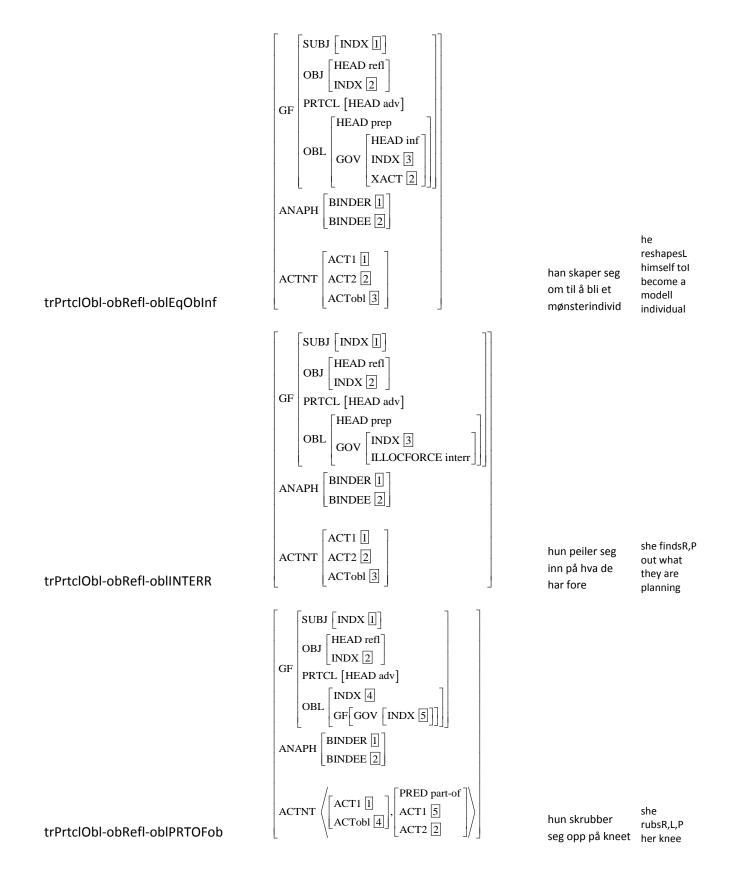
she directs the sign towards mot nord onorth

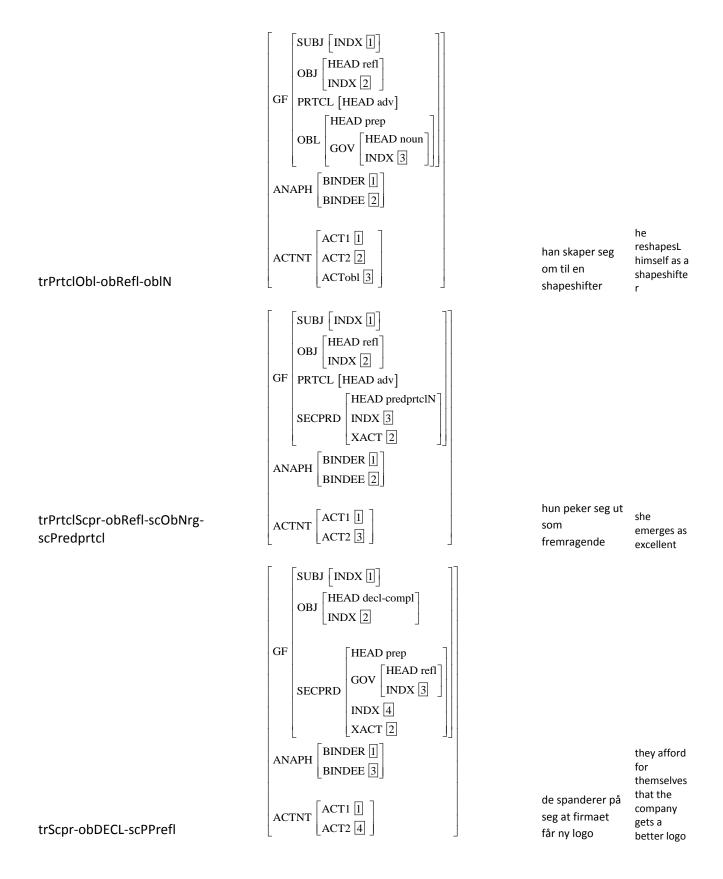
```
SUBJ [INDX [1]]
                                           GF
                                                     HEAD dir-adpos INDX [3]
                                                    BINDER [1]
                                           ANAPH
                                                    BINDEE 2
                                                    ACT1 1
                                           ACTNT ACT2 2
                                                                                                               she pushes
                                                                                             hun skyver seg
                                                    ORIENT 3 directional ACT1 2
                                                                                                               herself
trPath-obRefl-obDir
                                                                                             frem
                                                                                                               forward
                                               SUBJ [HEAD pron-expl]
                                                   [HEAD noun]
                                                   INDX 2
                                               PRESENTED INDX 1
                                           ACTNT ACT1 I
                                                                                                               there will
                                                                                             det vil tilfalle oss
                                                                                                               accrueP to
trPresnt
                                                                                             utbytte
                                                                                                               us gains
                                               SUBJ [HEAD pron-expl]
                                                   [HEAD noun]
                                           GF OBJ
                                                   INDX 2
                                               PRESENTED [INDX 1]
                                                   BINDEE 2
                                                                                                               there
                                                                                             det smyger seg
                                                                                                               slithers a
                                                                                             en katt langs
                                                                                                               cat along
trPresnt-obRefl
                                                                                             muren
                                                                                                               the wall
                                               SUBJ [HEAD pron-expl]
                                               PRESENTED [INDX 1]
                                                   [HEAD dir-adpos]
                                           ANAPH
                                                   BINDEE 2
                                                   ACT1 1
                                                                                                               there
                                                                                             det oppholder
                                           ACTNT INDX 2
                                                                                                               staysR an
                                                                                             seg en beboer
                                                                                                               inhabitant
                                                   ORIENT 3 directional ACT1 1
trPresntDir-obRefl
                                                                                             her
                                                                                                               here
```

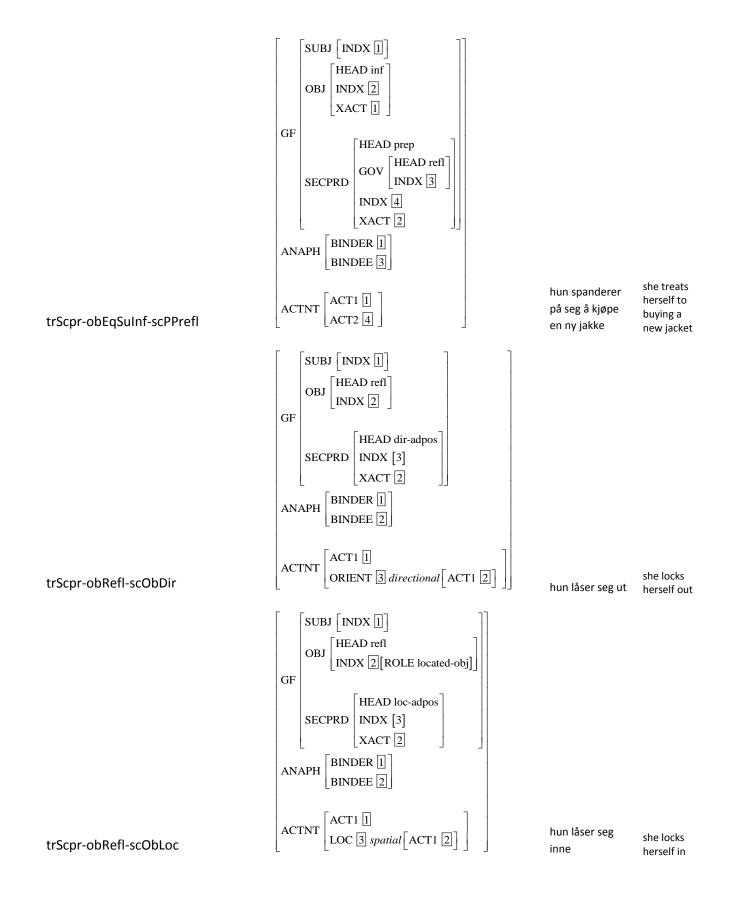
```
SUBJ [HEAD pron-expl]
                                                  HEAD noun
                                          GF
                                             PRESENTED [INDX 1]
                                                 BINDER []
                                          ANAPH
                                                 BINDEE 2
                                                 ACT1 1
                                          ACTNT | INDX 2
                                                                                                           there
                                                                                          det åpner seg
                                                                                                           openR new
                                                 LOC 3 spatial ACT1 1
trPresntLoc-obRefl
                                                                                          nye muligheter
                                                                                                           possibilities
                                              SUBJ INDX 1
                                          GF OBJ INDX 2
                                              PRTCL [HEAD adv]
                                                                                          vi bolter igjen
                                                                                                           we boltL
trPrtcl
                                                                                          porten
                                                                                                           the gate
                                              SUBJ [INDX 1]
                                          GF OBJ HEAD decl-comp INDX 2
                                              PRTCL [HEAD adv]
                                                                                                           we
                                                                                                           provokeL
                                                                                          vi provoserer
                                                                                                           that there
                                                                                          frem at det blir
                                                                                                           becomes a
trPrtcl-obDECL
                                                                                          et brudd
                                                                                                           schism
                                              SUBJ [INDX 1]
                                                   [HEAD inf]
                                          GF
                                              OBJ INDX 2
                                                    XACT 1
                                              PRTCL [HEAD adv]
                                                                                                           they
                                                                                                           decideL to
                                                                                          de finner på å
                                                                                                           close the
trPrtcl-obEqSuInf
                                                                                          stenge veiene nå roads now
                                              SUBJ [INDX 1]
                                                   INDX 2
                                              OBJ XACT 1
                                          GF
                                                    ILLOCFORCE interr
                                                                                                           we find out
                                                                                          vi finner ut
                                                                                                           whether
                                                                                          hvorvidt de har
                                                                                                           they are
trPrtcl-obINTERR
                                                                                          rett
                                                                                                           right
```

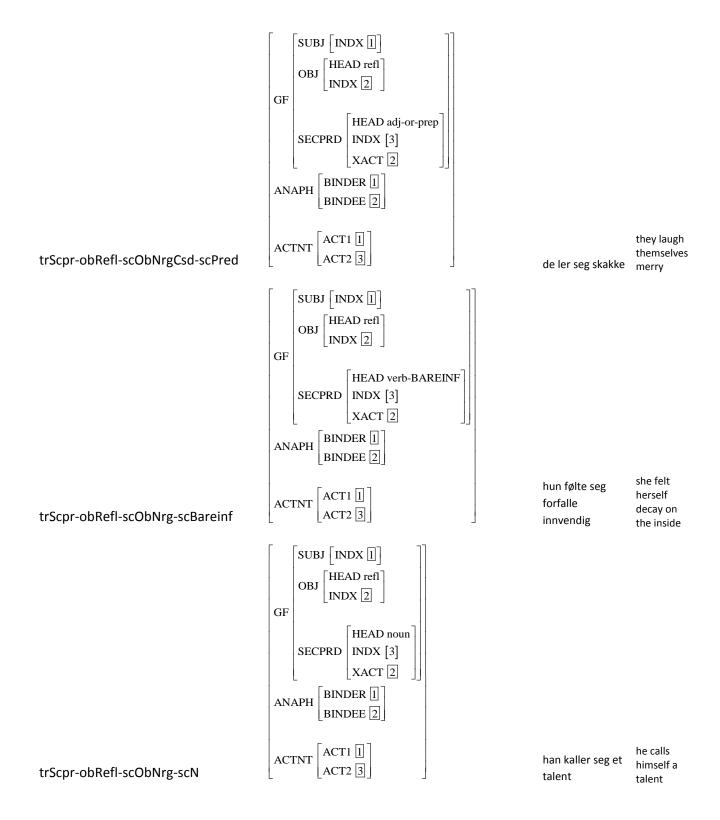
```
SUBJ [INDX 1]
                                        GF
                                            OBJ
                                             PRTCL [HEAD adv]
                                                 BINDEE 2
                                                                                       han skitner seg
                                                                                                       he dirtensL
trPrtcl-obRefl
                                                                                       til
                                                                                                       himself
                                            SUBJ [INDX 1]
                                             OBJ [HEAD pron-expl]
                                        GF
                                                   HEAD decl-comp
                                            PRTCL [HEAD adv]
                                                                                                       they haveP
                                                                                       de vil ha det til
                                                                                                       it that the
                                                                                       at målet var
                                                                                                       goal was
trPrtclExpnOb-expnDECL
                                                                                       ugyldig
                                                                                                       invalid
                                             SUBJ [INDX 1]
                                             OBJ INDX 2
                                                  ILLOCFORCE interr
                                            PRTCL [HEAD adv]
                                                  HEAD prep
                                                  GOV HEAD noun
                                             OBL
                                                 ACT1 1
                                                                                                       he lists up
                                                                                       han lekser opp
                                         ACTNT | ACT2 2
                                                                                                       for us what
                                                                                       for oss hva som
                                                                                                       had gone
                                                ACTobl 3
trPrtclObl-obINTERR
                                                                                       var gått galt
                                                                                                       wrong
                                            SUBJ [INDX 1]
                                             OBJ [INDX 2]
                                             PRTCL [HEAD adv]
                                        GF
                                                  HEAD prep
                                                        HEAD inf
                                             OBL
                                                  GOV INDX 3
                                                        XACT 2
                                                 ACT1 1
                                                                                       vi aler den opp
                                         ACTNT ACT2 2
                                                                                                       we breedL
                                                                                       til å løpe
                                                                                                       it tol do
                                                 ACTobl 3
trPrtclObl-oblEqObInf
                                                                                       veddeløp
                                                                                                       racing
```

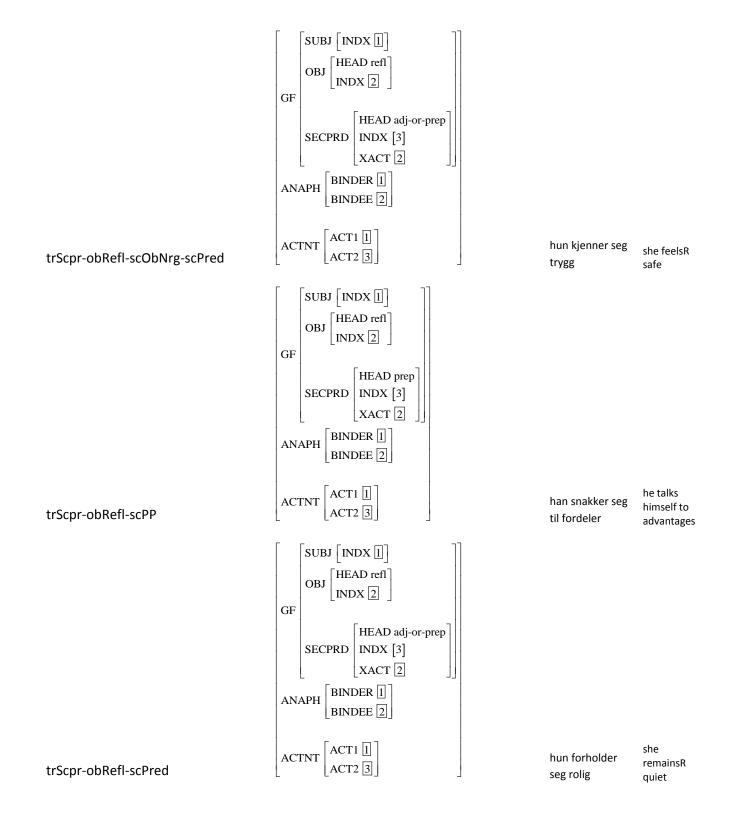


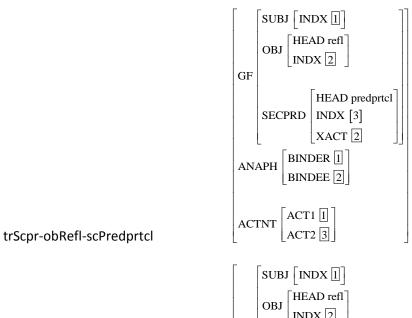












they constitute de konstituerer themselves seg som et parti as a party

GF HEAD predprtclInf SECPRD | INDX [3] XACT 2 BINDER 1 ANAPH ACTNT

she considershun anser seg herself asl for å være being kompetent

trScpr-obRefl-scPredprtclInf

SUBJ INDX 1 OBJ INDX 4 GF HEAD inf SECPRD INDX 3 XACT 4 BINDER 1 ANAPH BINDEE 4

ACT1 1

stjernen lot seg se

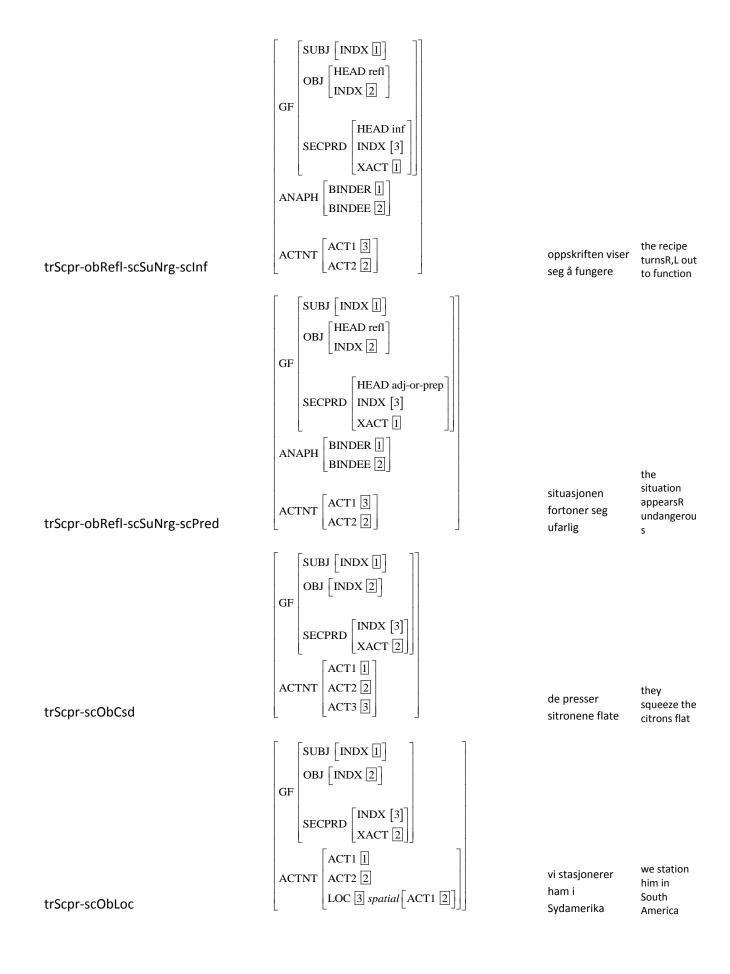
Comment:

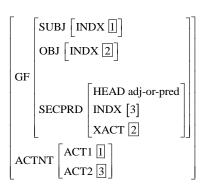
the star let itself see

competent

Cf. comment to 'trScpr-scObNrgscBareinfobRAISsuMob': This is arguably the same type, but with a PRED 'permit' (lassen / la) reflexive as object, and a ACTNT \mid ACT2 $\boxed{2} \rightarrow IMPLICIT ADDRESSEE$ less agentive ACT3 3 ACT1 2 ACT2 4 role of the subject..

trScpr-obRefl-scSuNrg-scBareinfsuRAISsuMob

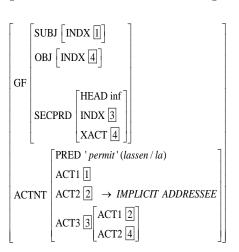




trScpr-scObNrgCsd-scPred

SUBJ [INDX 1] OBJ [INDX 2] GF HEAD verb-BAREINF SECPRD INDX [3] XACT 2 ACT1 1

trScpr-scObNrg-scBareinf



hun synger folk glade

she sings people happy

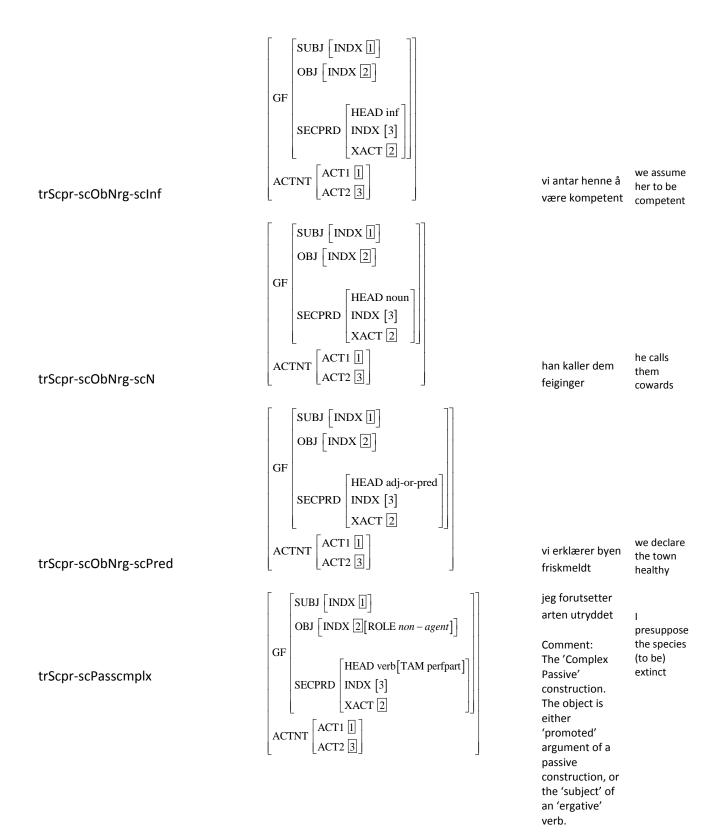
jeg føler smitten snike seg inn i meg

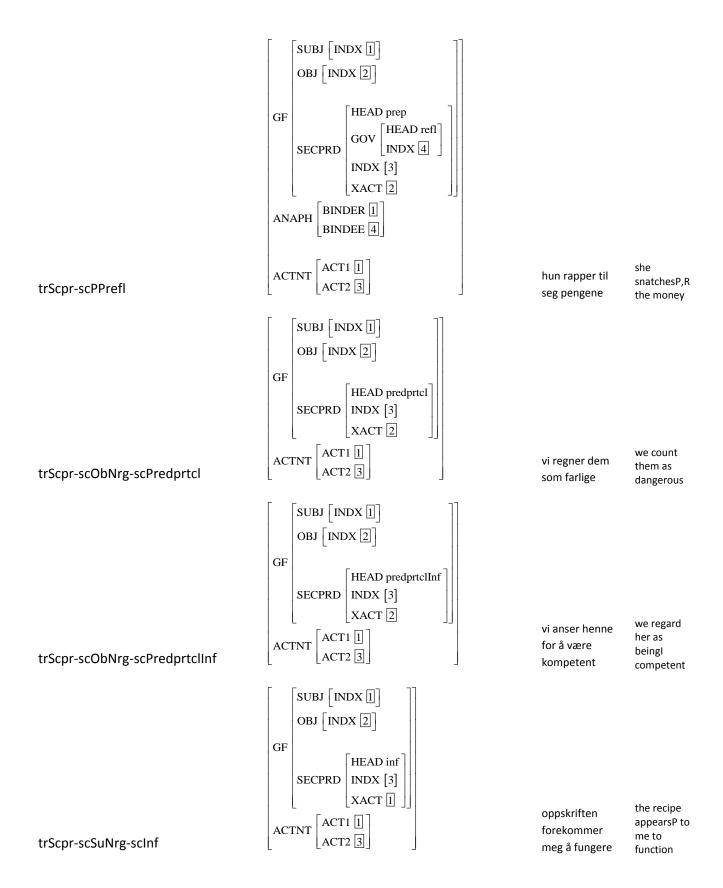
I feel the contagion enter into me

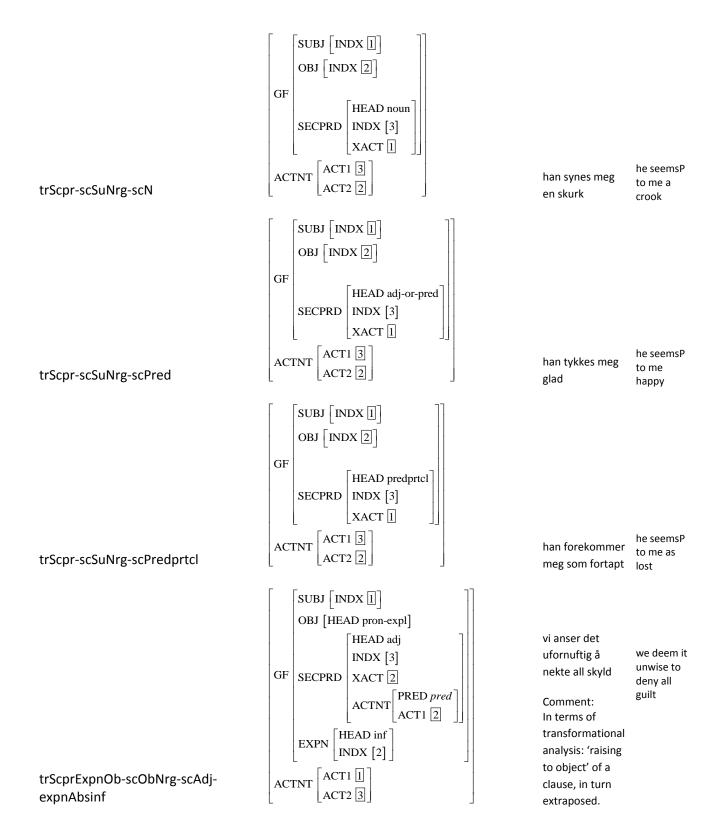
"De lot sangen synge" ('they let the song sing' (= 'be sung'). If Norwegian had been a language with Middle formation one could have hypothesized that Middle had first applied inside the infinitive complement, and the NP sangen then been 'raised'. That not being the case, if one wants to call this 'raising', it will have to be 'raising of object to object', a type not recognized elsewhere in the survey. The understood embedded argument structure is still that of an Equi construction (a permission given song sing to someone, who thereupon acts).

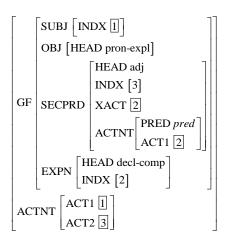
they let the (be sung)

trScpr-scObNrg-scBareinfobRAISsuMob









vi anser det tvilsomt at det vil holde seg slik we deem it doubtful that it will remain like this

Comment: In terms of transformational analysis: 'raising to object' of a clause, in turn extraposed.

vi anser det tvilsomt hvorvidt det vil holde seg slik

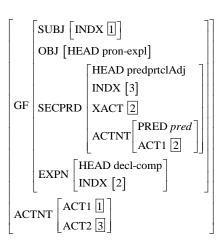
doubtful whether it Comment: will remain In terms of like this transformational

analysis: 'raising to object' of a clause, in turn extraposed.

trScprExpnOb-scObNrg-scAdjexpnDECL

trScprExpnOb-scObNrg-scAdjexpnINTERR

trScprExpnOb-scObNrgscPredprtclAdj-expnAbsinf



ufornuftig å nekte all skyld Comment: In terms of

vi anser det som

transformational analysis: 'raising to object' of a clause, in turn extraposed.

vi anser det som tvilsomt at det vil komme bedre forslag

Comment: In terms of transformational analysis: 'raising to object' of a clause, in turn extraposed.

we deem it

as unwise

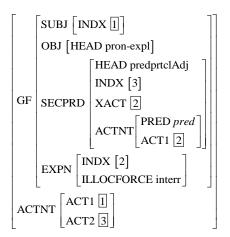
to deny all guilt

we deem it

we consider

it as doubtful that there will come better proposals

trScprExpnOb-scObNrgscPredprtclAdj-expnDECL



vi vurderer det som tvilsomt hvorvidt det vil

komme bedre forslag

we deem it as doubtful whether there will come better

proposals

Comment: In terms of to object' of a clause, in turn

transformational analysis: 'raising extraposed.

trScprExpnOb-scObNrgscPredprtclAdj-expnINTERR

```
SUBJ [INDX 1]
   OBJ [HEAD pron-expl]
            HEAD predprtclInf
            INDX [3]
GF
   SECPRD
            XACT 2
                   PRED pred
                   ACT1 2
```

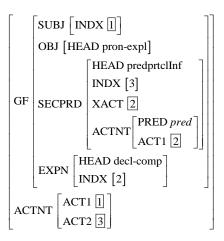
vi anser det for å være mulig å vinne

considerP it to be possible to win

we

Comment: In terms of transformational analysis: 'raising to object' of a clause, in turn extraposed.

trScprExpnOb-scObNrgscPredprtclInf-expnAbsinf

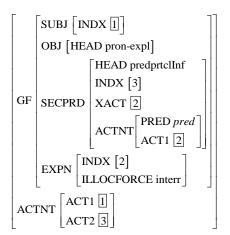


vi anser det for å være mulig at vi vinner

considerP it to be possible that we win

Comment: In terms of transformational analysis: 'raising to object' of a clause, in turn extraposed.

trScprExpnOb-scObNrgscPredprtclInf-expnDECL



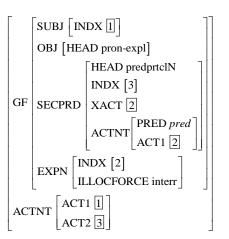
trScprExpnOb-scObNrgscPredprtclInf-expnINTERR

> SUBJ [INDX 1] OBJ [HEAD pron-expl] HEAD predprtclN INDX [3] GF SECPRD XACT 2 PRED pred

trScprExpnOb-scObNrgscPredprtclN-expnAbsinf

```
SUBJ [INDX 1]
   OBJ [HEAD pron-expl]
            HEAD predprtclN
            INDX [3]
GF
   SECPRD
            XACT 2
                    ACT1 2
          HEAD decl-comp
          INDX [2]
```

trScprExpnOb-scObNrgscPredprtclN-expnDECL



vi anser det for å være åpent hvorvidt vi vinner

considerP it to be open whether we win

Comment: In terms of transformational analysis: 'raising to object' of a clause, in turn extraposed.

vi anser det som en dårlig taktikk å nekte all skyld

we consider it as a bad tactics to deny all guilt

Comment: In terms of transformational analysis: 'raising to object' of a clause, in turn extraposed.

vi vurderer det som et omen at det regner svart regn

we consider it as an omen that it rains black rain

Comment: In terms of transformational analysis: 'raising to object' of a clause, in turn extraposed.

vi vurderer det som et åpent spørsmål hvorvidt det vil komme bedre forslag

we consider it as an open question whether there will come better

proposals

Comment: In terms of transformational analysis: 'raising to object' of a clause, in turn extraposed.

trScprExpnOb-scObNrgscPredprtcIN-expnINTERR