Aataarsuaq

"Aataarsuaq" (simplified)

Based on D. Sommer et al, eds, 1972, *Kalaallisut Ilinniutit* 1, pp. 27–31, Ministeriet for Grønland.

(1)

Qangaquuq	*angutiqarpuq*	*Aataarsuarmik*	*atilimmik.*
qanga=guuq	*angut-qar-pu-q*	*Aataarsuaq-mik*	*atiq-lik-mik*
long.ago=RPT	man-have-IND.IV-3SG	Aataarsuaq-SG.MOD	name-with-SG.MOD

Once upon a time, ‘tis said, there was a man named Aataarsuaq.

(2)

Inuqatiminik	*tuqutsigami*	*akiraqarpuq.*
inuk-qat-mi-nik	*tuqut-si-ga-mi*	*akiraq-qar-pu-q*
person-other-3SG$_{\top}$.SG.MOD	kill-antip-FCT$_{\top}$-3SG$_{\top}$	enemy-have-IND.IV-3SG

He had killed another man, so he had enemies.

(3)

Ullut	*ilaanni*	*qajarturluni*
ulluq-t	*ila-at-ni*	*qajaq-tur-llu-ni*
day-PL.ERG	part-3PL$_{\perp}$.SG-LOC	kayak-use-ELA$_{\top}$-3SG$_{\top}$

One day when he was out in his kayak

akiqqami	*ilaat*	*takuvaa.*
akiraq-mi	*ila-at*	*taku-pa-a*
enemy-3SG$_{\top}$.PL	part-3PL$_{\perp}$.SG	see-IND.TV-3SG.3SG

he saw one of his enemies.

(4)

Malilirpaa.
malig-lir-pa-a
follow-begin-IND.TV-3SG.3SG

He began to follow him.

(5)

Malitaata	*takuvaa.*
malig-taq-ata	*taku-pa-a*
follow-tv\rn-3SG$_{\perp}$.SG.ERG	see-IND.TV-3SG.3SG

The man saw him.

(6)

Aataarsuaq	*tuqutaavuq.*
Aataarsuaq	*tuqut-taa-pu-q*
Aataarsuaq	kill-passive-IND.IV-3SG

Aataarsuaq was killed.

(7)

Tuqutsisuq	*angirlarami*	*uqaluttuarpuq.*
tuqut-si-tuq	*angirlar-ga-mi*	*uqaluttuar-pu-q*
kill-antip-iv\cn.SG	come.home-FCT$_{\top}$-3SG$_{\top}$	talk-IND.IV-3SG

When the killer came home, he talked (about it).

(1) long.ago[1]
$[\mathbf{t}\ {}^{\omega}e|\ \mathbf{t} \ll \vartheta^{\omega}e]$;

=RPT[2]
$[speak_{\mathbf{d}_\omega}\langle d\omega\varepsilon, \text{AGT}\rangle, d\omega\varepsilon <_{\mathbf{d}_\omega} \mathbf{d}\varepsilon, 3_{\mathbf{d}_\omega, \mathbf{d}_\varepsilon}\langle \text{AGT}\ d\omega\varepsilon\rangle]; [p|\ p \subseteq \text{Dom}\ d\omega\varepsilon]; [\mathbf{w}|\ \mathbf{w} \in d\Omega]$;
$[speak_{\mathbf{d}_\omega}\langle d\omega\varepsilon, \text{AGT}\rangle]$;

man[H]- -have[3]
$[s]; [a|\ {*}man_{\mathbf{d}_\omega}\langle a, \vartheta d\sigma\rangle]; [\text{WITH}_{\mathbf{d}_\omega}\langle d\sigma, \vartheta, d\alpha\rangle]$;

-IND.IV -3SG
$[\partial(speak_{\mathbf{d}_\omega}\langle d\omega\varepsilon, \text{AGT}\rangle)]; [\vartheta\text{BEG}\ d\sigma \leq_{\mathbf{d}_\omega} \vartheta d\omega\varepsilon, \mathbf{d}\tau \subseteq_{\mathbf{d}_\omega} d\sigma, \vartheta d\sigma =_{\mathbf{d}_\omega} \mathbf{d}\tau]; [\mathbf{p}]; [\mathbf{d}\Omega = \Uparrow\mathbf{d}\omega]; []$

Aataarsuaq- -SG.MOD
$[b|\ b = Aataarsuaq, name_{\mathbf{d}_\omega}\langle b, \vartheta d\sigma\rangle]; [\text{SG}\ d\beta]$;

name- -with$_{\text{MOD}}$
$[{*}name_{\mathbf{d}_\omega}\langle d\beta, \vartheta d\sigma\rangle]; [{}^{\beta}a|\ {}^{\beta}a = \mathbf{d}\beta\alpha \cup \{\langle d\beta, \text{EXP}_{\mathbf{d}_\omega}\ d\sigma\rangle\}]; [\text{WITH}_{\mathbf{d}_\omega}\langle d\sigma, \text{EXP}, d\beta\rangle]$;

-SG.MOD$_{\text{H}}$ *ff*
$[\text{EXP}\ d\sigma =_{\mathbf{d}_\omega} d\alpha, 3\text{SG}_{\mathbf{d}_\omega, d\omega\varepsilon}\ d\alpha]; [\mathbf{d}\Omega = \Uparrow\mathbf{d}\omega]$

(2) person- -other
$[s|\ \vartheta\text{CON END}\ s =_{\mathbf{d}_\omega} \vartheta d\sigma]; [a|\ {*}person_{\mathbf{d}_\omega}\langle a, \vartheta d\sigma\rangle]; [\text{EXP}\ d\sigma \in_{\mathbf{d}_\omega, d_\sigma} \Uparrow d\alpha]; [d\alpha \varnothing \text{EXP}\ d\sigma]$;

-3SG$_{\top}$.SG.MOD
$[\mathbf{a}|\ \mathbf{a} = d\alpha_1]$;
$[\partial(3\text{SG}_{\mathbf{d}_\omega, d_\varepsilon}\ \mathbf{d}\alpha)]; [\text{EXP}\ d\sigma =_{\mathbf{d}_\omega} \mathbf{d}\alpha, 3\text{SG}_{\mathbf{d}_\omega, \mathbf{d}_\varepsilon}\ d\alpha, d\alpha \varnothing \mathbf{d}\alpha]$;

kill- -antip$_{\text{MOD}}$
$[e|\ kill_{\mathbf{d}_\omega}\langle e, \text{AGT}, d\alpha\rangle]; [d\alpha \varnothing_{\mathbf{d}_\omega} \text{AGT}\ d\varepsilon]$;

-FCT$_{\top}$ -3SG$_{\top}$
$[\vartheta d\varepsilon \leq_{\mathbf{d}_\omega} \vartheta d\omega\varepsilon, d\varepsilon \subseteq_{\mathbf{d}_\omega} \mathbf{d}\tau, \text{AGT}\ d\varepsilon =_{\mathbf{d}_\omega} \mathbf{d}\alpha]; [\mathbf{t}|\ \mathbf{t} \subseteq_{\mathbf{d}_\omega} \text{CON}\ d\varepsilon]; [\partial(3\text{SG}_{\mathbf{d}_\omega, d\omega\varepsilon}\ \mathbf{d}\alpha)]$;

ib
$[\mathbf{d}\Omega = \Uparrow\mathbf{d}\omega]$;

enemy- -have
$[s|\ s = d\sigma_1]; [a|\ {*}enemy.of_{\mathbf{d}_\omega}\langle a, \text{EXP}\ d\sigma, \vartheta d\sigma\rangle]; [\text{WITH}_{\mathbf{d}_\omega}\langle d\sigma, \text{EXP}, d\alpha\rangle]$;

-IND.IV
$[\partial(speak_{\mathbf{d}_\omega}\langle d\omega\varepsilon, \text{AGT}\rangle)]; [\vartheta\text{BEG}\ d\sigma <_{\mathbf{d}_\omega} d\omega\varepsilon, \mathbf{d}\tau \subseteq_{\mathbf{d}_\omega} d\sigma, \text{EXP}\ d\sigma =_{\mathbf{d}_\omega} \mathbf{d}\alpha]; [\mathbf{p}]; [\mathbf{d}\Omega = \Uparrow\mathbf{d}\omega]$;

-3SG
$[\partial(3\text{SG}_{\mathbf{d}_\omega, d\omega\varepsilon}\ \mathbf{d}\alpha)]$;

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[1] $\mathbf{t} \ll \vartheta^{\omega}e \ := \ \lambda i.\ \forall w \in \text{Dom}\ {}^{\omega}e \exists e(e = [{}^{\omega}e]w \wedge \mathbf{t} \ll \vartheta_w\ e)$

[2] $speak_{\mathbf{d}_\omega}\langle d\omega\varepsilon, \text{AGT}\rangle \ := \ \lambda i.\ \exists w, e(w = \mathbf{d}\omega i \wedge e = d\omega\varepsilon iw \wedge speak_w(e, \text{AGT}_w\ e))$

$d\omega\varepsilon <_{\mathbf{d}_\omega} \mathbf{d}\varepsilon \ := \ \lambda i.\ \exists w, e(w = \mathbf{d}\omega i \wedge e = d\omega\varepsilon iw \wedge \vartheta_w\ e < \vartheta_w\ \mathbf{d}\varepsilon i)$

$3_{\mathbf{d}_\omega, \mathbf{d}_\varepsilon}\langle \text{AGT}\ d\omega\varepsilon\rangle \ := \ \lambda i.\ \exists w, e(w = \mathbf{d}\omega i \wedge e = d\omega\varepsilon iw \wedge \text{AGT}_w\ e \varnothing (\text{AGT}_w\ \mathbf{d}\varepsilon i + \text{EXP}_w\ \mathbf{d}\varepsilon i))$

[3] $\text{WITH}_{\mathbf{d}_\omega}\langle d\sigma, \vartheta, d\alpha\rangle \ := \ \lambda i.\ \exists w, t(w = \mathbf{d}\omega i \wedge \vartheta_w\ d\sigma i = t \wedge \text{EXP}_w\ d\sigma i = d\alpha i)$

(3) day- -PL.ERG
$[T|\ {}^{*}day_{\mathbf{d}\omega} \cup T, \cup T \subseteq_{\mathbf{d}\omega} d\sigma]$; $[\text{PL}\ d\tau t]$; $[\cup d\tau t =_{\mathbf{d}\omega} \vartheta d\sigma]$;

part- -3PL$_{\perp}$.SG -LOC$_{if}$
$[T|\ \text{SOME}\langle d\tau t, T\rangle]$; $[\partial(\text{PL}\ d\tau t_1)]$; $[t|\ \text{SG}\langle t, d\tau t\rangle]$; $[\mathbf{t}|\ \mathbf{t} \subseteq d\tau]$;

kayak- ***-tur*** (use)
$[b|\ {}^{*}kayak,of_{\mathbf{d}\omega}\langle b, \text{EXP}\ d\sigma, \vartheta d\sigma\rangle]$; $[E|\ E \subseteq_{\mathbf{d}\omega} \vartheta d\sigma, \text{AGT}\ E =_{\mathbf{d}\omega} \text{EXP}\ d\sigma, use_{\mathbf{d}\omega}\langle E, \text{AGT}, d\beta\rangle]$;

-ELA$_{\top}^{H}$ -3SG$_{\top}$
$[\text{BEG}\ d\ni \subseteq_{\mathbf{d}\omega} \mathbf{d}\tau, \text{AGT}\ d\ni =_{\mathbf{d}\omega} \mathbf{d}\alpha]$; $[\partial(3\text{SG}_{\mathbf{d}\omega,\, d\omega\varepsilon}\ \mathbf{d}\alpha)]$;

enemy-
$[{}^{*}enemy.of_{\mathbf{d}\omega}\langle d\alpha, \text{EXP}\ d\sigma, \vartheta d\sigma\rangle]$;

-3SG$_{\top}$.PL.ERG
$[\partial(3\text{SG}_{\mathbf{d}\omega,\, \mathbf{d}\varepsilon}\ \mathbf{d}\alpha)]$; $[\text{EXP}\ d\sigma =_{\mathbf{d}\omega} \mathbf{d}\alpha, 3\text{PL}_{\mathbf{d}\omega,\, d\omega\varepsilon}\ d\alpha, d\alpha \varnothing \mathbf{d}\alpha]$; $[A|\ A = \text{MIN}\ d\alpha]$;

part- -3PL$_{\perp}$.SG
$[A|\ \text{SOME}\langle d\alpha t, A\rangle]$; $[\partial(3\text{PL}_{\mathbf{d}\omega,\, d\omega\varepsilon} \cup d\alpha t_1)]$; $[a|\ \text{SG}\langle a, d\alpha t\rangle, 3_{\mathbf{d}\omega,\, d\omega\varepsilon}\ d\alpha]$;

ib
$[\mathbf{d}\Omega = \Uparrow\mathbf{d}\omega]$;

see$_{H}$
$[e|\ see_{\mathbf{d}\omega}\langle e, \text{AGT}, d\alpha\rangle]$; $[d\varepsilon =_{\mathbf{d}\omega} \text{BEG}\ d\ni]$;

-IND.TV
$[\partial(speak_{\mathbf{d}\omega}\langle d\omega\varepsilon, \text{AGT}\rangle)]$; $[\vartheta d\varepsilon <_{\mathbf{d}\omega} \vartheta d\omega\varepsilon, d\varepsilon \subseteq_{\mathbf{d}\omega} \mathbf{d}\tau, \text{AGT}\ d\varepsilon =_{\mathbf{d}\omega} \mathbf{d}\alpha]$; $[\mathbf{p}]$; $[\mathbf{d}\Omega = \Uparrow\mathbf{d}\omega]$;

-3SG.3SG
$[\partial(3\text{SG}_{\mathbf{d}\omega,\, \mathbf{d}\varepsilon}\ \mathbf{d}\alpha, 3\text{SG}_{\mathbf{d}\omega,\, \mathbf{d}\varepsilon}\ d\alpha)]$; $[\mathbf{d}\alpha \varnothing d\alpha]$;

(4) follow- -begin
$[E|\ follow_{\mathbf{d}\omega}\langle E, \text{AGT}, d\alpha\rangle]$; $[e|\ e =_{\mathbf{d}\omega} \text{BEG}\ d\ni, \text{AGT}\ e =_{\mathbf{d}\omega} \text{AGT}\ d\ni]$;

-IND.TV
$[\partial(speak_{\mathbf{d}\omega}\langle d\omega\varepsilon, \text{AGT}\rangle)]$; $[\vartheta d\varepsilon \leq_{\mathbf{d}\omega} \vartheta d\omega\varepsilon, d\varepsilon \subseteq_{\mathbf{d}\omega} \mathbf{d}\tau, \text{AGT}\ d\varepsilon =_{\mathbf{d}\omega} \mathbf{d}\alpha]$; $[\mathbf{p}]$; $[\mathbf{d}\Omega = \Uparrow\mathbf{d}\omega]$;

-3SG.3SG
$[\partial(3\text{SG}_{\mathbf{d}\omega,\, \mathbf{d}\varepsilon}\ \mathbf{d}\alpha, 3\text{SG}_{\mathbf{d}\omega,\, \mathbf{d}\varepsilon}\ d\alpha)]$; $[\mathbf{d}\alpha \varnothing d\alpha]$

<table>
<tr><td>$^{(\top)}w \in {}^{(\top)}p_0$</td><td>•</td><td>$^{\top}e_0$: e_0-agt speaks up</td></tr>
<tr><td></td><td>|</td><td>$^{\top}\vartheta_w\, e_0$: e_0-instant</td></tr>
<tr><td></td><td>•</td><td>$e_1 = [^{\omega}e]_1 w$: e_1-agt (non e_0-participant) speaks up</td></tr>
<tr><td>||||||</td><td></td><td>$^{\top}t_1$: long before e_1-instant</td></tr>
</table>

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<table>
<tr><td>$^{\top}w_1 \in {}^{\top}p_3$</td><td>($e_1$-story)</td><td></td></tr>
<tr><td></td><td>•</td><td>$e_1 = [^{\omega}e]_1 w_1$</td></tr>
<tr><td>||||||</td><td></td><td>$^{\top}t_1$: long before e_1-instant</td></tr>
<tr><td>———</td><td></td><td>s_1: a_1 is a man w. $[^{\beta}a]_1$-name Aataarsuaq</td></tr>
<tr><td>•</td><td></td><td>e_2: $a_1{}^{\top}$ = A. kills another person a_{21}</td></tr>
<tr><td>||||||…||||||||||||||||||||</td><td></td><td>$^{\top}t_2 = \vartheta_{w1}\ \text{CON}_{w1}\ e_2$</td></tr>
<tr><td>——…—————</td><td></td><td>s_{22}: $a_1{}^{\top}$ = A. has enemy(s) a_{22}</td></tr>
<tr><td>||||||||||||||||||||||||</td><td></td><td>t_{31}: a day during s_{22}</td></tr>
<tr><td>||||||||||||||</td><td></td><td>$^{\top}t_{32} \subseteq t_{31}$</td></tr>
<tr><td>••••••</td><td></td><td>E_3: $^{\top}a_1$ = A. is paddling a kayak b_3</td></tr>
<tr><td>•</td><td></td><td>$e_3 = \text{BEG}_{w1}\ E_3$ $^{\top}a_1$ = A. sees enemy $a_3 \subseteq a_{22}$ stage1 of E_3-kayak.paddling</td></tr>
<tr><td>•••</td><td></td><td>E_4: $^{\top}a_1$ = A. follows enemy a_3</td></tr>
<tr><td>•</td><td></td><td>$e_4 = \text{BEG}_{w1}\ E_4$: stage1 of E_4-pursuit</td></tr>
</table>
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(5) follow- -tv\rn
[$follow_{\mathbf{d}\omega}\langle d\ni$, AGT, $d\alpha\rangle$]; [s| $\vartheta s \subseteq_{\mathbf{d}\omega} \vartheta d\ni$]; [EXP $d\sigma =_{\mathbf{d}\omega}$ AGT $d\ni$];

-3SG$_\perp$.SG.ERG
[$\mathbf{a}$ a| $\mathbf{a} = d\alpha$, $a = \mathbf{d}\alpha$];
[∂(3SG$_{\mathbf{d}\omega,\, d\omega\varepsilon}$ $d\alpha$)]; [EXP $d\sigma =_{\mathbf{d}\omega} d\alpha$, 3SG$_{\mathbf{d}\omega,\, \mathbf{d}\varepsilon}$ $\mathbf{d}\alpha$, $\mathbf{d}\alpha \varnothing d\alpha$];

ib
[$\mathbf{d}\Omega = \Uparrow\mathbf{d}\omega$];

see-
[e| $see_{\mathbf{d}\omega}\langle e$, EXP, $d\alpha\rangle$];

-IND.TV
[∂($speak_{\mathbf{d}\omega}\langle d\omega\varepsilon$, AGT$\rangle$)]; [$\vartheta d\varepsilon \leq_{\mathbf{d}\omega} \vartheta d\omega\varepsilon$, $d\varepsilon \subseteq_{\mathbf{d}\omega} \mathbf{d}\tau$, AGT $d\varepsilon =_{\mathbf{d}\omega} \mathbf{d}\alpha$]; [$\mathbf{p}$]; [$\mathbf{d}\Omega = \Uparrow\mathbf{d}\omega$];

-3SG.3SG
[∂(3SG$_{\mathbf{d}\omega,\, \mathbf{d}\varepsilon}$ $\mathbf{d}\alpha$, 3SG$_{\mathbf{d}\omega,\, \mathbf{d}\varepsilon}$ $d\alpha$)]; [$\mathbf{d}\alpha \varnothing d\alpha$];

(6) Aataarsuaq- -SG
[s| $\vartheta s \subseteq_{\mathbf{d}\omega} \vartheta$CON $d\varepsilon$]; [EXP $d\sigma =_{\mathbf{d}\omega} d\beta\alpha\langle Aataarsuaq\rangle$]; [$\mathbf{a}$| EXP $d\sigma =_{\mathbf{d}\omega} \mathbf{a}$, 3SG$_{\mathbf{d}\omega,\, d\omega\varepsilon}$ $\mathbf{a}$];

ib
[$\mathbf{d}\Omega = \Uparrow\mathbf{d}\omega$]

kill- -passive
[e a| $kill_{\mathbf{d}\omega}\langle e$, AGT, $a\rangle$]; [e| $e =_{\mathbf{d}\omega}$ BEG CON $d\varepsilon$, EXP $e =_{\mathbf{d}\omega} d\alpha$];

-IND.TV
[∂($speak_{\mathbf{d}\omega}\langle d\omega\varepsilon$, AGT$\rangle$)]; [$\vartheta d\varepsilon \leq_{\mathbf{d}\omega} \vartheta d\omega\varepsilon$, $d\varepsilon \subseteq_{\mathbf{d}\omega} \mathbf{d}\tau$, EXP $d\varepsilon =_{\mathbf{d}\omega} \mathbf{d}\alpha$]; [$\mathbf{p}$]; [$\mathbf{d}\Omega = \Uparrow\mathbf{d}\omega$];

-3SG
[∂(3SG$_{\mathbf{d}\omega,\, d\omega\varepsilon}$ $\mathbf{d}\alpha$)];

(7) kill- -antip -iv\cn
[e| $e = d\varepsilon_1$]; [$kill_{\mathbf{d}\omega}\langle d\varepsilon$, AGT, $d\alpha\rangle$]; [$d\alpha \varnothing_{\mathbf{d}\omega}$ AGT $d\varepsilon$]; [s| $\vartheta s =_{\mathbf{d}\omega} \vartheta$CON $d\varepsilon$, EXP $s =_{\mathbf{d}\omega}$ AGT $d\varepsilon$];

-SG
[$\mathbf{a}$| EXP $s =_{\mathbf{d}\omega} \mathbf{a}$, 3SG$_{\mathbf{d}\omega,\, d\omega\varepsilon}$ $\mathbf{a}$];

come.home-
[e| $come.home_{\mathbf{d}\omega}\langle e$, AGT$\rangle$];

-FCT$_\top$ -3SG$_\top$ *ib*
[$\vartheta d\varepsilon \leq_{\mathbf{d}\omega} \vartheta d\omega\varepsilon$, $d\varepsilon \subseteq_{\mathbf{d}\omega} \mathbf{d}\tau$, AGT $d\varepsilon =_{\mathbf{d}\omega} \mathbf{d}\alpha$]; [$\mathbf{t}$| $\mathbf{t} \subseteq_{\mathbf{d}\omega} \vartheta$CON $d\varepsilon$]; [∂(3SG$_{\mathbf{d}\omega,\, d\omega\varepsilon}$ $\mathbf{d}\alpha$)]; [$\mathbf{d}\Omega = \Uparrow\mathbf{d}\omega$];

talk
[E| $talk_{\mathbf{d}\omega}\langle E$, AGT$\rangle$];

-IND.IV
[∂($speak_{\mathbf{d}\omega}\langle d\omega\varepsilon$, AGT$\rangle$)]; [$\vartheta$BEG $d\ni \leq_{\mathbf{d}\omega} \vartheta d\omega\varepsilon$, BEG $d\ni \subseteq_{\mathbf{d}\omega} \mathbf{d}\tau$, AGT $d\ni =_{\mathbf{d}\omega} \mathbf{d}\alpha$]; [$\mathbf{p}$]; [$\mathbf{d}\Omega = \Uparrow\mathbf{d}\omega$];

-3SG
[∂(3SG$_{\mathbf{d}\omega,\, \mathbf{d}\varepsilon}$ $\mathbf{d}\alpha$)]

$^{(\top)}w \in {}^{(\top)}p_0$	•	$^{\top}e_0$: e_0-agt speaks up
	|	$^{\top}\vartheta_w\ e_0$: e_0-instant
	•	$e_1 = [^{\omega}e]_1 w$: e_1-agt (non e_0-participant) speaks up
||||||		$^{\top}t_1$: long before e_1-instant

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$^{\top}w_1 \in {}^{\top}p_7$ (e_1-story)		
	•	$e_1 = [^{\omega}e]_1 w_1$
——		s_1: a_1 is a man w. $[^{\beta}a]_1$-name Aataarsuaq
•		e_2: $a_1{}^{\top}$ = A. kills another person a_{21}
||||||…||||||||||||||||||||		$^{\top}t_2 = \vartheta_{w1}$ CON$_{w1}$ e_2
—— …——————		s_{22}: $a_1{}^{\top}$ = A. has enemy(s) a_{22}
||||||||||||||||||||||||		t_{31}: a day during s_{22}
||||||||||||||		$^{\top}t_{32} \subseteq t_{31}$
••••••		E_3: $^{\top}a_1$ = A. is paddling a kayak b_3
•		e_3 = BEG$_{w1}$ E_3 $^{\top}a_1$ = A. sees enemy $a_3 \subseteq a_{22}$ stage1 of E_3-kayak.paddling
•••		E_4: $^{\top}a_1$ = A. follows enemy a_3
•		e_4 = BEG$_{w1}$ E_4: stage1 of E_4-pursuit
•		e_5: $^{\top}a_3$ (E_4-obj) sees a_1 (= A. = E_4-agt)
•		e_{61}: e_{61}-agt (= a_3) kills $^{\top}a_1$ (= A.)
•		e_{62} = BEG$_{w1}$ CON$_{w1}$ e_{61}: exp'd by $^{\top}a_1$
•		e_7: $^{\top}a_3 = e_{61}$-agt comes home
||		$^{\top}t_7 \subseteq \vartheta_{w1}$ CON$_{w1}$ e_7
•••		E_7: $^{\top}a_3$ (= e_{61}-agt) talks
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APPENDIX 1: UPDATE WITH CENTERING (UC)

D0. Set of *dref type*

i. $\{\alpha, \beta, \varepsilon, \sigma, \tau, \pi, \omega\} \subseteq \Theta$

ii. $\text{R}t \in \Theta$, if $\text{R} \in \Theta$

iii. $\text{RR}' \in \Theta$, if $\text{R}, \text{R}' \in \Theta$

D1. Basic terms of UC

Variables	Constants	Type	Name of objects
a, *a*	a_n	α	animate entities
b, *b*	b_n, *John*	β	inanimate entities
e, *e*	e_n	ε	(atomic) events
s, *s*	s_n	σ	states (of entities)
t, *t*	t_n	τ	times
l, *l*	l_n	π	places
w, *w*	w_n	ω	worlds
A, *A*	A_n	αt	α-sets
B, *B*	B_n	βt	β-sets
E, *E*	E_n	εt =: э	ε-sets
⋮	⋮	⋮	⋮
L, *L*	L_n	πt	π-sets
p, *p*	p_n	$\omega t =: \Omega$	ω-sets (*aka* propositions)
Q, *Q*	Q_n	Ωt	Ω-sets (e.g. questions)
$\underline{\mathbf{A}}$, $\underline{A}$	$\underline{A}_n$	$(\alpha t)t$	α*t*-sets (e.g. α-scales)
$\underline{\mathbf{\mathcal{E}}}$, $\underline{\mathcal{E}}$	$\underline{\mathcal{E}}_n$	(э*t*)*t*	э*t*-sets (e.g. э-scales)
⋮	⋮	⋮	⋮
$\underline{\mathbf{Q}}$, $\underline{Q}$	$\underline{Q}_n$	$(\Omega t)t$	Ω*t*-sets (e.g. echo questions)
	BEG	$\omega\sigma\varepsilon$	beginning (of state)
	CON	$\omega\varepsilon\sigma$	consequent state (of event)
	AGT	$\omega\varepsilon\alpha$	agent (of action)
	EXP	$\omega(\varepsilon \vee \sigma)\alpha$	experiencer (of eventuality)
	THM	$\omega(\varepsilon \vee \sigma)\beta$	theme (of eventuality)
	ϑ	$\omega(\varepsilon \vee \sigma)\tau$	time (of eventuality)
	Π	$\omega(\varepsilon \vee \sigma)\pi$	place (of eventuality)
z	z_n, c_0, …	ζ	dref stacks
i, j, k, h		$\zeta \times \zeta := s$	indices
I, J, K, H	$[c_0]$	*st*	(information & attention) states
D		(*st*)*st*	updates

In the following *axioms* for *dref stacks*, $n \in \{1, 2, \ldots\}$ and $\text{R}, \text{R}' \in \Theta$:

Ax1 $\exists z_\zeta{:}\ \forall n({}^{n}(z) = \dagger) \wedge \forall \text{R}({}^{\text{R}}(z) = z)$ — empty stack

Ax2 $\forall z_\zeta \forall \text{R} \forall d_{\text{R}}{:}\ {}^{1}(d \cdot z) = d \wedge \forall n(n > 1 \rightarrow {}^{n}(d \cdot z) = {}^{n-1}(z))$ — *n*th coord of $(d \cdot z)$

Ax3 $\forall z_\zeta \forall \text{R} \forall d_{\text{R}}{:}\ {}^{\text{R}}(d \cdot z) = (d \cdot {}^{\text{R}}(z)) \wedge \forall \text{R}'(\text{R}' \neq \text{R} \rightarrow {}^{\text{R}'}(d \cdot z) = {}^{\text{R}'}(z))$ — R-coord's of $(d \cdot z)$

Ax4 $\forall z_\zeta \forall \text{R} \forall d_{\text{R}} \exists z'_\zeta{:}\ (d \cdot z) = z'$ — enough stacks

Ax5 $\forall z_\zeta \forall z'_\zeta{:}\ \forall n({}^{n}(z) = {}^{n}(z')) \rightarrow z = z'$ — stack identity

D2. Sequence notation & coordinates

- $\langle\, \rangle$:= the stack z such that $\forall n(^{n}(z) = \dagger \wedge \forall \mathrm{R} \in \Theta(^{\mathrm{R}}(z) = z)$
  $\langle d_1, \ldots d_n\rangle$:= $d_1 \cdot (\ldots \cdot (d_n \cdot \langle\, \rangle))$
- $\top_i, \bot_i$:= $^{1}i, {}^{2}i$

D3. Initial contexts, default states & indexicals

- A *context* is a stack $c_0 = \langle p_0, e_0, [^{\beta}a]_0, [^{\beta}l]_0\rangle$ such that (i) $p_0 \neq \emptyset$,
  (ii) $\forall w \in p_0$: $speak_w(e_0, \mathrm{AGT}_w\, e_0)$, (iii) $\forall w \in p_0 \forall b \in \mathrm{Dom}\, [^{\beta}a]_0 \cup \mathrm{Dom}\, [^{\beta}l]_0$: $name_w(b, \vartheta_w\, e_0)$
- c_0 induces the *default state* $[c_0]$:= $\lambda i_s.\ \exists w \in p_0(i = \langle \vartheta_w\, e_0, e_0, w, p_0, [^{\beta}l]_0, [^{\beta}a]_0\rangle, \langle\, \rangle\rangle)$
- $1_{w,, e0}\, a$:= $(\mathrm{AGT}_w\, e_0 \leq a)$
  $2_{w,, e0}\, a$:= $(\mathrm{EXP}_w\, e_0 \leq a)$
  $3_{w,, e0}\, a$:= $\neg(a \bigcirc (\mathrm{AGT}_w\, e_0 + \mathrm{EXP}_w\, e_0))$

D4. Attitudes

- $\mathrm{BEL}_w\, e$:= $\{p|\ \exists s(\vartheta_w\, e \subseteq \vartheta_w\, s \wedge \mathrm{AGT}_w\, e = \mathrm{EXP}_w\, s \wedge believe_w(s, \mathrm{EXP}_w\, s, p))\}$
- $\mathrm{DES}_w\, e$:= $\{p|\ \exists s(\vartheta_w\, e \subseteq \vartheta_w\, s \wedge \mathrm{AGT}_w\, e = \mathrm{EXP}_w\, s \wedge desire_w(s, \mathrm{EXP}_w\, s, p))\}$
- $\mathrm{INT}_w\, e$:= $\{p|\ \exists s(\vartheta_w\, e \subseteq \vartheta_w\, s \wedge \mathrm{AGT}_w\, e = \mathrm{EXP}_w\, s \wedge intend_w(s, \mathrm{EXP}_w\, s, p))\}$

D5. Orders

- $w \leq_Q w'$:= $\{p|\ p \in Q \wedge w' \in p\} \subseteq \{p|\ p \in Q \wedge w\ \in p\}$
  $w <_Q w'$:= $(w \leq_Q w' \wedge \neg w' \leq_Q w)$
  $\mathrm{MIN}_Q\, p$:= $\{w|\ w \in p \wedge \neg\exists w'(w' \in p \wedge w' <_Q w)\}$
- $d' \subset d$:= $d' \subseteq d \wedge \neg(d \subseteq d')$
  $\mathrm{MIN}_{\subseteq}\, d$:= $\{d'|\ d' \subseteq d \wedge \neg\exists d''(d'' \subset d')\}$
  $\cup D$:= $\iota d. \forall d' \in D(d' \subseteq d) \wedge \forall d''(\forall d' \in D(d' \subseteq d'') \rightarrow d \subseteq d'')$

D6. Processes & scales

- $\langle E, \bullet\!<_w\rangle$:= $\exists e'', E_0(\{e''\} = E - E_0 \wedge E_0 \neq \emptyset \wedge \forall e \in E_0 \exists e' \in E(e \bullet\!<_w e')$
  $e \bullet\!<_w e'$:= $\vartheta_w\, e' \subseteq \vartheta_w\, \mathrm{CON}_w\, e < \vartheta_w\, \mathrm{CON}_w\, e'$
  $\mathrm{AGT}_w\, E$:= $\iota a.\ \forall e \in E(a = \mathrm{AGT}_w\, e)$
- $\mathrm{SCALE}_w\langle \underline{\Delta}, R\rangle$:= $\exists n > 1 \exists \Delta_1, \ldots \Delta_n(\underline{\Delta} = \{\Delta_1, \ldots \Delta_n\} \wedge \Delta_n \subset \ldots \subset \Delta_1$
  $\wedge\ \forall m(1 \leq m < n \rightarrow \forall \delta \in \Delta_m - \Delta_{m+1} \forall \delta' \in \Delta_{m+1}(\delta' R_w \delta)))$
  $\Delta \bullet\!<_{\underline{\Delta}} \Delta'$:= $\Delta', \Delta \in \underline{\Delta} \wedge \Delta' \subset \Delta \wedge \neg\exists \Delta'' \in \underline{\Delta}(\Delta' \subset \Delta'' \subset \Delta)$
  $\mathrm{DEG}_{\underline{\Delta}}\, \delta$:= $\iota\Delta.\ \Delta \in \underline{\Delta} \wedge \delta \in \Delta \wedge \forall \Delta'(\Delta' \in \underline{\Delta} \wedge \delta \in \Delta' \rightarrow \Delta \subseteq \Delta')$

D7. WITH-states, beginnings, ends

- $\mathrm{WITH}_w\langle s, \mathrm{EXP}, a\rangle$:= $\exists s'(\vartheta_w\, s = \vartheta_w\, s' \wedge \mathrm{EXP}_w\, s' = a + \mathrm{EXP}_w\, s \wedge a \varnothing\ \mathrm{EXP}_w\, s)$
  $\mathrm{WITH}_w\langle s, \mathrm{EXP}, b\rangle$:= $\exists a(\mathrm{EXP}_w\, s = a \wedge \mathrm{THM}_w\, s = b)$
  $\mathrm{WITH}_w\langle s, \vartheta, a\rangle$:= $\exists t(\vartheta_w\, s = t \wedge \mathrm{EXP}_w\, s = a)$
- $\mathrm{BEG}_w\, {}^{\tau}d$:= $\iota d'.\ \forall d''(d'' \in \mathrm{Ran}\, {}^{\tau}d \rightarrow \vartheta_w\, d' \leq \vartheta_w\, d'')$
  $\mathrm{END}_w\, {}^{\tau}d$:= $\iota d'.\ \forall d''(d'' \in \mathrm{Ran}\, {}^{\tau}d \rightarrow \vartheta_w\, d'' \leq \vartheta_w\, d')$
- $\mathrm{BEG}_w\, E$:= $\iota e.\ \langle E, \bullet\!<_w\rangle \wedge e \in E \wedge \forall e' \in E(\vartheta_w\, e \leq \vartheta_w\, e')$
  $\mathrm{END}_w\, E$:= $\iota e.\ \langle E, \bullet\!<_w\rangle \wedge e \in E \wedge \forall e' \in E(\vartheta_w\, e' \leq \vartheta_w\, e)$
- $\mathrm{BEG}\ \underline{\Delta}$:= $\iota\Delta.\ \Delta \in \underline{\Delta} \wedge \forall \Delta' \in \underline{\Delta}(\Delta' \subseteq \Delta)$
  $\mathrm{END}\ \underline{\Delta}$:= $\iota\Delta.\ \Delta \in \underline{\Delta} \wedge \forall \Delta' \in \underline{\Delta}(\Delta \subseteq \Delta')$
- $\mathrm{BEG}_w\, b$:= $\iota e.\ \exists s(e = \mathrm{BEG}_w\, s \wedge exist_w(s, b) \wedge \forall s'(exist_w(s', b) \rightarrow \vartheta_w\, e \leq \vartheta_w\, \mathrm{BEG}_w\, s'))$

D8. Demonstratives (type $s\mathrm{R}$, $\mathrm{R} \in \Theta$)

- $d\mathrm{R}_n \quad := \quad \lambda i_s.\ {}^{n+1}({}^{\mathrm{R}}(\bot_i))$
- $\mathbf{d}\mathrm{R}_n \quad := \quad \lambda i_s.\ {}^{n+1}({}^{\mathrm{R}}(\top_i))$
- $d\mathrm{R}, \mathbf{d}\mathrm{R} \quad := \quad d\mathrm{R}_0, \mathbf{d}\mathrm{R}_0$

D9. Local conditions (type st)

- $\mathrm{SG}\langle\delta\rangle \quad := \quad \lambda i_s.\ |\mathrm{MIN}\ \delta i| = 1$
  $\mathrm{PL}\langle\delta\rangle \quad := \quad \lambda i_s.\ |\mathrm{MIN}\ \delta i| > 1$
- $\mathrm{SG}\langle\Delta\rangle \quad := \quad \lambda i_s.\ |\Delta i| = 1$
  $\mathrm{SG}\langle\delta, \Delta\rangle \quad := \quad \lambda i_s.\ \delta i \in \mathrm{MIN}\ \Delta i$
- $\mathrm{SOME}\langle\Delta, \Delta'\rangle \quad := \quad \lambda i_s.\ \varnothing \subset \Delta' i \subseteq \Delta i$
  $\mathrm{MOST}\langle\Delta, \Delta'\rangle \quad := \quad \lambda i_s.\ |\Delta i \cap \Delta' i| - |\Delta i - \Delta' i|$
- $1\mathrm{SG}_{\mathbf{d}\omega,\, \mathbf{d}\varepsilon}\ \mathbf{d}\alpha \quad := \quad \lambda i_s.\ 1_{\mathbf{d}\omega i,\, \mathbf{d}\varepsilon i}\ \mathbf{d}\alpha i \wedge \mathrm{SG}\langle\mathbf{d}\alpha\rangle i$
  $3\mathrm{PL}_{\mathbf{d}\omega,\, \mathbf{d}\varepsilon}\ \mathbf{d}\alpha \quad := \quad \lambda i_s.\ 3_{\mathbf{d}\omega i,\, \mathbf{d}\varepsilon i}\ \mathbf{d}\alpha i \wedge \mathrm{PL}\langle\mathbf{d}\alpha\rangle i$
- $R_{\mathbf{d}\omega}\langle s, \mathrm{EXP}\rangle \quad := \quad \lambda i_s.\ \exists w(w = \mathbf{d}\omega i \wedge R_w(s, \mathrm{EXP}_w\ s))$
  $R_{\mathbf{d}\omega}\langle e, \mathrm{AGT}, a\rangle \quad := \quad \lambda i_s.\ \exists w(w = \mathbf{d}\omega i \wedge R_w(e, \mathrm{AGT}_w\ e, a))$
  $R_{\mathbf{d}\omega}\langle {}^{\omega}e, \mathrm{AGT}\rangle \quad := \quad \lambda i_s.\ \exists w, e(w = \mathbf{d}\omega i \wedge e = [{}^{\omega}e](w) \wedge R_w(e, \mathrm{AGT}_w\ e))$
- $\mathbf{d}\tau \subseteq_{\mathbf{d}\omega} d\sigma \quad := \quad \lambda i_s.\ \mathbf{d}\tau i \subseteq \vartheta_{\mathbf{d}\omega i}\ d\sigma i$
  $\mathbf{d}\tau \subseteq_{\mathbf{d}\omega} d\tau\varepsilon \quad := \quad \lambda i_s.\ \mathbf{d}\tau i \subseteq \cup_\tau\{\vartheta_{\mathbf{d}\omega i}\ e\colon e \in \mathrm{Ran}\ d\tau\varepsilon\}$
- $d\ni \subseteq_{\mathbf{d}\omega} \mathbf{d}\tau \quad := \quad \lambda i_s.\ \forall e \in d\ni i(\vartheta_{\mathbf{d}\omega i}\ e = \mathbf{d}\alpha i)$
  $\mathrm{AGT}\ d\ni =_{\mathbf{d}\omega} \mathbf{d}\alpha \quad := \quad \lambda i_s.\ \forall e \in d\ni i(\mathrm{AGT}_{\mathbf{d}\omega i}\ e = \mathbf{d}\alpha i)$

D10. Local updates (type $(st)(st)$)

- $[v_{\mathrm{R}}] \quad := \quad \lambda I_{st}\lambda j_s.\ \exists i_s \in I \exists v_{\mathrm{R}}(j = \langle\top_i, v \cdot \bot_i\rangle)$ — for $v_{\mathrm{R}} \in {}^{\bot}\mathrm{Var}$, $\mathrm{R} \in \Theta$
- $[\mathbf{v}_{\mathrm{R}}] \quad := \quad \lambda I_{st}\lambda j_s.\ \exists i_s \in I \exists \mathbf{v}_{\mathrm{R}}(j = \langle\mathbf{v} \cdot \top_i, \bot_i\rangle)$ — for $\mathbf{v}_{\mathrm{R}} \in {}^{\top}\mathrm{Var}$, $\mathrm{R} \in \Theta$
- $[C_1, \ldots C_n] \quad := \quad \lambda I_{st}\lambda i_s.\ i \in I \wedge C_1 i \wedge \ldots C_n i$
- $(D_1; D_2) \quad := \quad \lambda I_{st}.\ D_2(D_1 I)$
- $[\mathrm{v}_{\mathrm{R}}|\ C_1, \ldots C_n] \quad := \quad [\mathrm{v}_{\mathrm{R}}]; [C_1, \ldots C_n]$ — for $\mathrm{v}_{\mathrm{R}} \in {}^{\bot}\mathrm{Var} \cup {}^{\top}\mathrm{Var}$, $\mathrm{R} \in \Theta$

D11. Global values & substates

- $\delta I \quad := \quad \{\delta i\colon i_s \in I_{st}\}$ — for $\delta_{s\mathrm{R}}$, $\mathrm{R} \in \Theta$
- $I_{\delta = d} \quad := \quad \{i_s \in I_{st}|\ \delta I = d\}$ — for d_{R}, $\delta_{s\mathrm{R}}$, $\mathrm{R} \in \Theta$

D12. Non-local updates (type $(st)(st)$)

- $[\partial(C)] \quad := \quad \lambda I_{st}\lambda j_s.\ j \in I \wedge \forall i \in I(Ci)$
- $[\Delta = \Uparrow\delta] \quad := \quad \lambda I_{st}\lambda j_s.\ j \in I \wedge \Delta j = \delta I$ — for $\Delta_{s(\mathrm{R}t)}$, $\delta_{s\mathrm{R}}$, $\mathrm{R} \in \Theta$
  $[\Delta =_\chi \Uparrow\delta] \quad := \quad \lambda I_{st}\lambda j_s.\ j \in I \wedge \Delta j = \delta I_{\chi = \chi j}$
  $[\Delta =_\chi \mathrm{MIN} \Uparrow\delta] \quad := \quad \lambda I_{st}\lambda j.\ j \in I \wedge \Delta j = \mathrm{MIN}\ \delta I_{\chi = \chi j}$
  $[\Delta =_\chi \{\Uparrow\delta\}] \quad := \quad \lambda I_{st}\lambda j_s.\ j \in I \wedge \Delta j = \{\delta I_{\chi = \chi j}\}$ — for $\Delta_{s((\mathrm{R}t)t)}$, $\delta_{s\mathrm{R}}$, $\mathrm{R} \in \Theta$
- $[\delta \in_\chi \Uparrow\delta'] \quad := \quad \lambda I_{st}\lambda j_s.\ j \in I \wedge \delta j \in \delta' I_{\chi = \chi j}$ — for $\delta_{s\mathrm{R}}$, $\delta'_{s\mathrm{R}}$, $\mathrm{R} \in \Theta$
  $[\Delta \subseteq_\chi \Uparrow\delta] \quad := \quad \lambda I_{st}\lambda j_s.\ j \in I \wedge \Delta j \subseteq \delta I_{\chi = \chi j}$ — for $\Delta_{s(\mathrm{R}t)}$, $\delta_{s\mathrm{R}}$, $\mathrm{R} \in \Theta$
  $[\delta =_\chi \cup \Uparrow\delta'] \quad := \quad \lambda I_{st}\lambda j_s.\ j \in I \wedge \delta j = \cup\ \delta' I_{\chi = \chi j}$ — for $\delta_{s\mathrm{R}}$, $\delta'_{s\mathrm{R}}$, $\mathrm{R} \in \Theta$
- $[\Delta\colon \delta \to_\chi \delta'] \quad := \quad \lambda I_{st}\lambda j_s.\ j \in I \wedge \mathrm{Dom}\ \Delta j = \delta I_{\chi = \chi j} \wedge \Delta j(\delta j) = \delta' j$ — for $\Delta_{s(\mathrm{RR'})}$, $\delta_{s\mathrm{R}}$, $\delta'_{s\mathrm{R'}}$, $\mathrm{R}, \mathrm{R'} \in \Theta$

D13. Truth (relative to initial context c_0)

- $\models D \quad := \quad \exists j_s(j \in D[c_0])$

APPENDIX 2: FROM KALAALLISUT TO UC

Cat	Gloss/*item*	UC translation
cn	Aani-	$([s \mid s = \delta_\sigma];)\ [\text{EXP}\ d\sigma =_{\mathbf{d}\omega} \mathbf{d}\beta\alpha\langle \textit{Aani}\rangle]$
		$([s \mid s = \delta_\sigma];)\ [b \mid b =_{\mathbf{d}\omega} \textit{Aani},\ \textit{name}_{\mathbf{d}\omega}\langle b, \vartheta d\sigma\rangle]$
	man-	$([s \mid s = \delta_\sigma];)\ [{*}\textit{man}_{\mathbf{d}\omega}\langle \text{EXP}\ d\sigma, \vartheta d\sigma\rangle]$
		$([s \mid s = \delta_\sigma];)\ [a \mid {*}\textit{man}_{d\omega}\langle a, \vartheta d\sigma\rangle]$
	old-	$([s \mid s = \delta_\sigma];)\ [\underline{A} \mid \text{SCALE}\langle \underline{A}, \textit{older}\rangle, \text{BEG}\ \underline{A} <_{\underline{A}} \text{DEG}\langle \text{EXP}_{\mathbf{d}\omega}\ d\sigma\rangle]$
	wind-	$([s \mid s = \delta_\sigma];)\ [a \mid {*}\textit{wind}_{\mathbf{d}\omega}\langle a, \vartheta d\sigma\rangle]$
	chess-	$([s \mid s = \delta_\sigma];)\ [{*}\textit{chess.set}_{d\omega}\langle \text{THM}\ d\sigma, \vartheta d\sigma\rangle]$
		$([s \mid s = \delta_\sigma];)\ [b \mid {*}\textit{chess.set}_{d\omega}\langle b, \vartheta d\sigma\rangle]$
	helicopter-	$([s \mid s = \delta_\sigma];)\ [{*}\textit{helicopter}_{d\omega}\langle \Pi d\sigma, \vartheta d\sigma\rangle]$
		$([s \mid s = \delta_\sigma];)\ [l \mid {*}\textit{helicopter}_{d\omega}\langle l, \vartheta d\sigma\rangle]$
	east-	$([s \mid s = \delta_\sigma];)\ [l \mid {*}\textit{east.of}_{\mathbf{d}\omega}\langle l, \Pi\text{BEG}\ d\sigma\rangle]$
	day-	$([s \mid s = \delta_\sigma];)\ [t \mid {*}\textit{day}_{\mathbf{d}\omega}\ t,\ t \subseteq_{\mathbf{d}\omega} d\sigma]$
	duration-	$[s];\ [t \mid t =_{\mathbf{d}\omega} \vartheta d\sigma]$
	first-	$[s \mid \vartheta\text{BEG}\ d\ni \subseteq_{\mathbf{d}\omega} \vartheta s <_{\mathbf{d}\omega} \vartheta\text{CON BEG}\ d\ni];\ [t \mid t =_{\mathbf{d}\omega} \vartheta d\sigma]$
		$[t\ E \mid \vartheta\text{BEG}\ E \subseteq_{\mathbf{d}\omega} t <_{\mathbf{d}\omega} \vartheta\text{CON BEG}\ E]$
	most-	$[T \mid \text{MOST}\langle d\tau t, T\rangle];\ [t \mid t \in d\tau t];$
		$[E \mid \text{MOST}\langle \text{Ran}\ d\tau\ni, E\rangle];\ [T \mid T =_{\mathbf{d}\omega} \Uparrow \vartheta\text{CON BEG}\ d\ni]$
	three-	$[A \mid \#A = 3];\ [a \mid a = \cup d\alpha t]$
		$[A \mid \#A = 3];\ [a \mid a \in d\alpha t]$
	what-	$([s \mid s = \delta_\sigma];)\ [b\ w \mid {*}\textit{thing}_w\langle b, \vartheta d\sigma\rangle]$
		$([s \mid s = \delta_\sigma];)\ [A\ w \mid {*}\textit{animate}_w\langle \cup A, \vartheta d\sigma\rangle]$
rn	enemy-	$([s \mid s = \delta_\sigma];)\ [a \mid {*}\textit{enemy.of}_{\mathbf{d}\omega}\langle a, \text{EXP}\ d\sigma, \vartheta d\sigma\rangle]$
	name-	$([s \mid s = \delta_\sigma];)\ [b \mid {*}\textit{name}_{d\omega}\langle b, \vartheta d\sigma\rangle];\ [{}^{\beta}a \mid {}^{\beta}a = \mathbf{d}\beta\alpha \cup \{\langle d\beta, \text{EXP}\ d\sigma\rangle\}]$
	between-	$([s \mid s = \delta_\sigma];)\ [l \mid \textit{between}_{\mathbf{d}\omega}\langle l, \text{EXP}\ d\sigma, \vartheta d\sigma\rangle,\ l \subseteq_{\mathbf{d}\omega} \Pi d\sigma]$
	part-	$[a \mid \text{SOME}\langle \text{MIN}\ d\alpha, \text{MIN}\ a\rangle];\ ([d\alpha = \mathbf{d}\alpha_1 - \mathbf{d}\alpha])$
		$[T \mid \text{SOME}\langle d\tau t, T\rangle]$
		$[S \mid \text{SOME}\langle \text{Ran}\ d\tau\sigma, S\rangle];\ [T \mid T =_{\mathbf{d}\omega} \vartheta d\sigma t]$
		$[E \mid \text{SOME}\langle \text{Ran}\ d\tau\varepsilon, E\rangle];\ [T \mid T =_{\mathbf{d}\omega} \vartheta\text{CON}\ d\varepsilon]$
		$[\underline{E} \mid \text{SOME}\langle \text{Ran}\ d\tau\ni, \underline{E}\rangle];\ [T \mid T =_{\mathbf{d}\omega} \vartheta\text{CON BEG}\ d\ni]$
iv	be.busy-	$[s \mid \textit{busy}_{\mathbf{d}\omega}\langle s, \text{EXP}\rangle]$
	set.out	$[\textit{travel}_{d\omega}\langle d\ni, \text{AGT}\rangle];\ [e \mid e =_{\mathbf{d}\omega} \text{BEG}\ d\ni,\ \text{AGT}\ d\varepsilon =_{\mathbf{d}\omega} \text{AGT}\ d\ni]$
	catch.sth	$[\textit{hunt}_{\mathbf{d}\omega}\langle d\ni, \text{AGT}\rangle];\ [e \mid e =_{\mathbf{d}\omega} \text{END}\ d\ni,\ \textit{catch.of}_{\mathbf{d}\omega}\langle \text{THM}\ e, \text{AGT}\ e, \vartheta\text{CON}\ e\rangle]$
	promise-	$[e\ w \mid \textit{promise}_{\mathbf{d}\omega}\langle d\varepsilon, \text{AGT}, w\rangle]$
	run-	$[E \mid \textit{run}_{\mathbf{d}\omega}\langle E, \text{AGT}\rangle]$
	v.slowly-	$[\underline{\mathcal{E}} \mid \text{SCALE}\langle \mathcal{E}, \textit{slower}\rangle];\ [E \mid \text{BEG}\ d(\ni t)t <_{d(\ni t)t} \text{DEG}\ E]$
	never.do-	$[{}^{\tau}s \mid {}^{\tau}s\colon \vartheta\text{CON}\ d\varepsilon_1 \rightarrow_{\mathbf{d}\omega} \text{CON}\ d\varepsilon_1];\ [\mathbf{d}\omega \in (\mathbf{d}\Omega - d\Omega)]$
tv	love-	$[s \mid \textit{love}_{\mathbf{d}\omega}\langle s, \text{EXP}, d\alpha\rangle]$
	see-	$[e \mid \textit{see}_{\mathbf{d}\omega}\langle e, \text{EXP}, d\alpha\rangle]$
	visit-	$[E \mid \textit{visit}_{\mathbf{d}\omega}\langle E, \text{AGT}, d\alpha\rangle]$

V	unable-	$[\mathbf{d}\varepsilon \bullet\!<_{d\omega} d\varepsilon \subseteq_{d\omega} \vartheta\text{CON } \mathbf{d}\varepsilon, \text{EXP } d\varepsilon =_{d\omega} \text{EXP } d\varepsilon_1, d\omega \in d\Omega]$; $[s\ p \mid \vartheta s =_{\{\mathbf{d}\omega, d\omega\}} \vartheta\mathbf{d}\varepsilon + \vartheta\text{CON } \mathbf{d}\varepsilon, \text{EXP } s =_{\mathbf{d}_\omega} \text{EXP } d\varepsilon_1, p \in \text{DES}_{\mathbf{d}_\omega} \text{BEG } s]$; $[d\Omega =_{\mathbf{d}_\omega, d\sigma} \Uparrow d\omega]$; $[\text{NO}\langle \cap\text{BEL}_{\mathbf{d}_\omega} \mathbf{d}\varepsilon, d\Omega\rangle]$
v\n	-tv\cn	$([s \mid \vartheta s \subseteq_{\mathbf{d}_\omega} \vartheta\text{CON } d\varepsilon];)$ $[\text{EXP } d\sigma =_{\mathbf{d}_\omega} d\alpha]$
	-tv\rn	$([s \mid \vartheta s \subseteq_{\mathbf{d}_\omega} \vartheta\text{CON } d\varepsilon, \text{EXP } s =_{\mathbf{d}_\omega} \text{AGT } d\varepsilon];)$ $[\text{WITH}_{\mathbf{d}_\omega}\langle d\sigma, \text{EXP}, d\alpha\rangle]$
	-iv\cn	$([s \mid \vartheta s \subseteq_{\mathbf{d}_\omega} \vartheta d\ni];)$ $[\text{EXP } d\sigma =_{\mathbf{d}_\omega} \text{AGT } d\ni]$
	-iv\rn	$([s \mid \vartheta s \subseteq_{\mathbf{d}_\omega} \vartheta d\ni, \text{EXP } s =_{\mathbf{d}_\omega} \text{EXP } d\ni];)$ $[a \mid a =_{\mathbf{d}_\omega} \text{AGT } d\ni]$
	-iv\loc.cn	$([s \mid \vartheta s \subseteq_{\mathbf{d}_\omega} \vartheta\text{CON } d\varepsilon];)$ $[l \mid \Pi d\sigma =_{\mathbf{d}_\omega} l]$
	-iv\loc.rn	$([s \mid \vartheta s \subseteq_{\mathbf{d}_\omega} \vartheta\text{CON } d\varepsilon];)$ $[l \mid \text{EXP } d\sigma =_{\mathbf{d}_\omega} \text{AGT } d\varepsilon, l =_{\mathbf{d}_\omega} \Pi d\sigma]$
	-v\n	$([s \mid \vartheta s \subseteq_{\mathbf{d}_\omega} \vartheta d\ni, \text{EXP } s =_{\mathbf{d}_\omega} \text{AGT } d\ni])$ $[d\varepsilon \subseteq_{d\omega} \vartheta\text{CON } d\varepsilon_1, \text{AGT } d\varepsilon =_{d\omega} \text{AGT } d\varepsilon_1]$; $[{}^{\tau}e \mid {}^{\tau}e: \vartheta\text{CON } d\varepsilon_1 \rightarrow_{d\omega, d\tau\varepsilon} d\varepsilon]$; $[d\Omega =_{\mathbf{d}_\omega} \Uparrow d\omega]$
n\n	-with, of	$[\text{WITH}_{\mathbf{d}_\omega}\langle d\sigma, \text{EXP}, d\beta\rangle]$
	-group	$[s \mid \vartheta s =_{\mathbf{d}_\omega} \vartheta d\sigma, \text{EXP } s =_{\mathbf{d}_\omega} d\alpha + \text{EXP } d\sigma]$
	-a.few	$[s \mid \vartheta s =_{\mathbf{d}_\omega} \vartheta d\sigma]$; $[b \mid \text{AFEW}_{\mathbf{d}_\omega}\langle \text{MIN} \Uparrow d\beta, \text{MIN } b\rangle, \text{THM } d\sigma =_{\mathbf{d}_\omega} b]$
	-prospective	$[p \mid d\omega \in p, p \in \text{BEL}_{\mathbf{d}_\omega} d\varepsilon_1 \cup \text{DES}_{\mathbf{d}_\omega} d\varepsilon_1]$; $[s \mid \vartheta s =_{\{\mathbf{d}\omega, d\omega\}} \vartheta\text{CON } d\varepsilon_1, d\varepsilon_1 \bullet\!<_{d\omega} \text{BEG } d\sigma, \text{EXP } s =_{d\omega} \text{EXP } d\sigma]$; $[d\Omega =_{\mathbf{d}_\omega, d\varepsilon 1} \Uparrow d\omega]$
	-received	$[\text{WITH}_{\mathbf{d}_\omega}\langle d\sigma, \text{EXP}, d\alpha\rangle]$; $[get_{\mathbf{d}_\omega}\langle \text{BEG } d\sigma, \text{EXP } d\sigma, d\alpha\rangle]$
	-with.big	$[\underline{T} \mid \text{SCALE}\langle \underline{T}, longer\rangle]$; $[\text{BEG } d(\tau t)t =_{\mathbf{d}_\omega} \Uparrow d\tau]$; $[t \mid \text{BEG } d(\tau t)t <_{d(\tau t)t} \text{DEG } t]$
n\v	-be	$([d\omega \in \text{BEL}_{\mathbf{d}_\omega} d\varepsilon];)$ $[\text{EXP } d\sigma =_{d\omega} d\alpha]$; $([d\omega \in \text{BEL}_{\mathbf{d}_\omega} d\varepsilon];)$ $[\vartheta\text{BEG } d\ni =_{\mathbf{d}_\omega} d\tau]$
	-have	$[\text{WITH}_{\mathbf{d}_\omega}\langle d\sigma, \Pi, d\alpha\rangle]$ or $[\text{WITH}_{\mathbf{d}_\omega}\langle d\sigma, \text{EXP}, d\alpha\rangle]$
	-ache	$[feel.pain.in_{d\omega}\langle d\sigma, \text{EXP}, d\beta\rangle]$
	-become	$[e \mid e =_{\mathbf{d}_\omega} \text{BEG } d\sigma, \text{EXP } e =_{\mathbf{d}_\omega} \text{EXP } d\sigma]$
	-get.new$_\alpha$	$[\text{WITH}_{\mathbf{d}_\omega}\langle d\sigma, \text{EXP}, d\alpha\rangle]$; $[\vartheta d\sigma = \cup \Uparrow \vartheta d\sigma]$; $[e \mid e =_{\mathbf{d}_\omega} \text{BEG } d\sigma, \text{EXP } e =_{\mathbf{d}_\omega} \text{EXP } d\sigma]$
	-get$_\alpha$	$[\text{WITH}_{\mathbf{d}_\omega}\langle d\sigma, \text{EXP}, d\alpha\rangle]$; $[e \mid \text{CON } e =_{\mathbf{d}_\omega} d\sigma, \text{AGT } e =_{\mathbf{d}_\omega} \text{EXP } d\sigma]$
	-get$_\beta$	$[\text{WITH}_{\mathbf{d}_\omega}\langle d\sigma, \text{THM}, d\beta\rangle]$; $[e \mid \text{CON } e =_{\mathbf{d}_\omega} d\sigma, \text{THM } e =_{\mathbf{d}_\omega} \text{THM } d\sigma]$
	-get$_\pi$	$[\Pi d\sigma \subseteq_{\mathbf{d}_\omega} d\pi]$; $[e \mid \text{CON } e =_{\mathbf{d}_\omega} d\sigma]$
	-give	$[\text{WITH}_{\mathbf{d}_\omega}\langle d\sigma, \text{EXP}, d\beta\rangle]$; $[e \mid \text{CON } e =_{\mathbf{d}_\omega} d\sigma, \text{AGT } e \varnothing_{\mathbf{d}_\omega} \text{EXP } e]$
	-give$^\perp$	$[\text{WITH}_{d\omega}\langle d\sigma, \text{EXP}, d\alpha\rangle]$; $[a \mid a = d\alpha_1]$; $[e \mid \text{CON } e =_{d\omega} d\sigma, \text{EXP } e =_{d\omega} d\alpha, d\alpha \varnothing_{d\omega} \text{AGT } e]$
	-kill (***-g***)	$[e \mid \text{CON } e =_{\mathbf{d}_\omega} d\sigma, {}^{*}corpse.of_{\mathbf{d}_\omega}\langle d\beta, \text{EXP } e, \vartheta d\sigma\rangle, kill_{\mathbf{d}_\omega}\langle e, \text{AGT}, \text{EXP}\rangle]$
	-eat/drink	$[E \mid E \subseteq_{\mathbf{d}_\omega} \vartheta d\sigma, \text{AGT } E =_{\mathbf{d}_\omega} \text{EXP } d\sigma, ingest_{\mathbf{d}_\omega}\langle E, \text{AGT}, d\beta\rangle]$
	-use (***-tur***)	$[E \mid E \subseteq_{\mathbf{d}_\omega} \vartheta d\sigma, \text{AGT } E =_{\mathbf{d}_\omega} \text{EXP } d\sigma, use_{\mathbf{d}_\omega}\langle E, \text{AGT}, d\beta\rangle]$
	-do (***-r***)	$[E \mid E \subseteq_{\mathbf{d}_\omega} \vartheta d\sigma, \text{AGT } E =_{\mathbf{d}_\omega} \text{EXP } d\sigma, \text{THM } E =_{\mathbf{d}_\omega} d\beta]$
	-experience	$[E \mid E \subseteq_{\mathbf{d}_\omega} \vartheta d\sigma, \text{EXP } E =_{\mathbf{d}_\omega} \text{EXP } d\sigma, \text{THM } E =_{\mathbf{d}_\omega} d\beta]$
	-be.in.form	$[E \mid d\omega \in \text{PER}_{\mathbf{d}_\omega} \text{EXP } E, \vartheta E =_{\mathbf{d}_\omega} \vartheta d\sigma, \text{AGT } E =_{\mathbf{d}_\omega} \text{EXP } d\sigma, skinchanger_{\mathbf{d}_\omega}\langle \text{AGT } E, \vartheta E\rangle]$
	-seek	$[E \mid \vartheta E =_{\mathbf{d}_\omega} \vartheta d\sigma, \text{AGT } E =_{\mathbf{d}_\omega} \text{EXP } d\sigma, search_{\mathbf{d}_\omega}\langle E, \text{AGT}\rangle, find_{d\omega}\langle \text{END } E, \text{AGT}, d\beta\rangle,$ $d\omega \in d\Omega, d\Omega \in \text{INT}_{\mathbf{d}_\omega} \text{BEG } E]$; $[d\Omega =_{\mathbf{d}_\omega, d\ni} \Uparrow d\omega]$
	-make	$[\text{BEG } d\beta =_{d\omega} \text{BEG } d\sigma]$; $[E\ p \mid \text{CON END } E =_{d\omega} d\sigma, create_{\mathbf{d}_\omega}\langle E, \text{AGT}\rangle,$ $d\omega \in p, p \in \text{INT}_{\mathbf{d}_\omega} \text{BEG } E]$; $[d\Omega =_{\mathbf{d}_\omega, d\ni} \Uparrow d\omega]$
	-hunt	$[catch.of_{d\omega}\langle d\beta, \text{EXP } d\sigma, \vartheta d\sigma\rangle]$; $[E\ p \mid \text{CON END } E =_{d\omega} d\sigma, \text{AGT } E =_{d\omega} \text{EXP } d\sigma,$ $hunt_{\mathbf{d}_\omega}\langle E, \text{AGT}\rangle, d\omega \in p, p \in \text{INT}_{\mathbf{d}_\omega} \text{BEG } E]$; $[d\Omega =_{\mathbf{d}_\omega, d\ni} \Uparrow d\omega]$
	=go	$[E\ p \mid \text{END } E =_{d\omega} d\varepsilon, \text{AGT } E =_{d\omega} \text{AGT } d\varepsilon, travel_{\mathbf{d}_\omega}\langle E, \text{AGT}\rangle, d\omega \in p, p \in \text{INT}_{\mathbf{d}_\omega} \text{BEG } E]$; $[d\Omega =_{\mathbf{d}_\omega, d\ni} \Uparrow d\omega]$

v\v -be.not $[\mathrm{BEG}\ d\sigma \subseteq_{d\omega} \mathbf{d\tau}, \mathrm{EXP}\ d\sigma =_{d\omega} d\alpha, d\omega \in \mathbf{d\Omega}]; [p]; [d\Omega = \Uparrow d\omega]; [\mathbf{d}\omega \in (\mathbf{d\Omega} - d\Omega)];$
$[s|\ \vartheta s =_{\mathbf{d}\omega} \mathbf{d\tau}, \mathrm{EXP}\ s =_{\mathbf{d}\omega} d\alpha]$

-prf $[s|\ s =_{d\omega} \mathrm{CON}\ d\varepsilon, \mathrm{EXP}\ s =_{d\omega} \mathrm{AGT}\ d\varepsilon]$

-end.prf $[s|\ s =_{\mathbf{d}\omega} \mathrm{CON\ END}\ d\ni, \mathrm{EXP}\ s =_{\mathbf{d}\omega} \mathrm{AGT}\ d\ni]$

-prospect $[s|\ \vartheta s =_{\{\mathbf{d}\omega,\, d\omega\}} \vartheta\mathbf{d\varepsilon} + \vartheta\mathrm{CON}\ \mathbf{d\varepsilon}, \mathbf{d\varepsilon} \bullet\!<_{d\omega} \mathrm{BEG}\ d\sigma \subseteq_{d\omega} d\tau, \mathrm{EXP}\ s =_{d\omega} \mathrm{EXP}\ d\sigma,$
$d\omega \in \mathbf{d\Omega}, \mathbf{d\Omega} \in \mathrm{BEL}_{\mathbf{d}\omega}\ \mathbf{d\varepsilon} \cup \mathrm{DES}_{\mathbf{d}\omega}\ \mathbf{d\varepsilon}]; [\mathbf{d\Omega} =_{\mathbf{d}\omega,\, \mathbf{d}\varepsilon} \Uparrow d\omega]$
$[s\ p|\ \vartheta s =_{\{\mathbf{d}\omega,\, d\omega\}} \vartheta d\ni + \vartheta\mathrm{CON}\ d\varepsilon_2, \mathrm{BEG}\ d\ni \bullet\!<_{d\omega} \mathrm{BEG}\ d\sigma \subseteq_{d\omega} d\tau, \mathrm{THM}\ s =_{d\omega} \mathrm{THM}\ d\sigma,$
$d\omega \in p, p \in \mathrm{BEL}_{\mathbf{d}\omega}\ \mathrm{BEG}\ d\ni \cup \mathrm{DES}_{\mathbf{d}\omega}\ \mathrm{BEG}\ d\ni]; [d\Omega =_{\mathbf{d}\omega,\, d\ni} \Uparrow d\omega]$

-expected $[s|\ \vartheta s =_{\{\mathbf{d}\omega,\, d\omega\}} \vartheta\mathbf{d\varepsilon} + \vartheta\mathrm{CON}\ \mathbf{d\varepsilon}, \mathbf{d\varepsilon} \bullet\!<_{d\omega} \mathrm{BEG}\ d\sigma \subseteq_{d\omega} d\tau, \mathrm{EXP}\ s =_{d\omega} \mathrm{EXP}\ d\sigma,$
$d\omega \in d\Omega, d\Omega \in \mathrm{BEL}_{\mathbf{d}\omega}\ \mathbf{d\varepsilon}]; [d\Omega =_{\mathbf{d}\omega,\, \mathbf{d}\varepsilon} \Uparrow d\omega];$
$[s|\ \vartheta s =_{\{\mathbf{d}\omega,\, d\omega\}} \vartheta d\ni, \mathrm{BEG}\ d\ni \bullet\!<_{d\omega} d\varepsilon \subseteq_{d\omega} \vartheta d\ni, \mathrm{EXP}\ s =_{d\omega} \mathrm{AGT}\ d\varepsilon,$
$d\omega \in d\Omega, d\Omega \in \mathrm{INT}_{\mathbf{d}\omega}\ \mathrm{BEG}\ d\ni]; [d\Omega =_{\mathbf{d}\omega,\, d\ni} \Uparrow d\omega]$

-intended $[s|\ \vartheta s =_{\{\mathbf{d}\omega,\, d\omega\}} \vartheta\mathbf{d\varepsilon} + \vartheta\mathrm{CON}\ \mathbf{d\varepsilon}, \mathbf{d\varepsilon} \bullet\!<_{d\omega} d\varepsilon \subseteq_{d\omega} \mathbf{d\tau}, \mathrm{EXP}\ s =_{d\omega} \mathrm{AGT}\ d\varepsilon,$
$d\omega \in \mathbf{d\Omega}, \mathbf{d\Omega} \in \mathrm{INT}_{\mathbf{d}\omega}\ \mathbf{d\varepsilon}]; [\mathbf{d\Omega} =_{\mathbf{d}\omega,\, \mathbf{d}\varepsilon} \Uparrow d\omega]$

-possible $[s\ p|\ \vartheta s =_{\{\mathbf{d}\omega,\, d\omega\}} \vartheta\mathbf{d\varepsilon} + \vartheta\mathrm{CON}\ \mathbf{d\varepsilon}, \mathbf{d\varepsilon} \bullet\!<_{d\omega} \mathrm{BEG}\ d\ni \subseteq_{d\omega} \mathbf{d\tau}, \mathrm{EXP}\ s =_{d\omega} \mathrm{AGT}\ d\varepsilon t,$
$d\omega \in p, p \subseteq \mathbf{d\Omega}]; [d\Omega =_{\mathbf{d}\omega,\, \mathbf{d}\varepsilon} \Uparrow d\omega]$

-cert.not.to $[s|\ \vartheta s =_{\{\mathbf{d}\omega,\, d\omega\}} \vartheta\mathbf{d\varepsilon} + \vartheta\mathrm{CON\ END\ CON}\ \mathbf{d\varepsilon}, \mathrm{END\ CON}\ \mathbf{d\varepsilon} \bullet\!<_{d\omega} d\varepsilon \subseteq_{d\omega} d\tau, \mathrm{EXP}\ s =_{d\omega} \mathrm{EXP}\ d\varepsilon,$
$d\omega \in \cap\mathrm{BEL}_{\mathbf{d}\omega}\ \mathbf{d\varepsilon}]; [p]; [d\Omega =_{\mathbf{d}\omega,\, \mathbf{d}\varepsilon} \Uparrow d\omega]; [\mathbf{d\Omega} \subseteq (\cap\mathrm{BEL}_{\mathbf{d}\omega}\ \mathbf{d\varepsilon} - d\Omega)]$

-liable $[s|\ \vartheta s =_{\{\mathbf{d}\omega,\, d\omega\}} \vartheta\mathbf{d\varepsilon} + \vartheta\mathrm{CON}\ \mathbf{d\varepsilon}, \mathbf{d\varepsilon} \bullet\!<_{d\omega} d\varepsilon \subseteq_{d\omega} \mathbf{d\tau}, \mathrm{EXP}\ s =_{d\omega} \mathrm{EXP}\ d\varepsilon,$
$d\omega \in \mathbf{d\Omega}]; [p]; [d\Omega =_{\mathbf{d}\omega,\, \mathbf{d}\varepsilon} \Uparrow d\omega]; [(\mathbf{d\Omega} - d\Omega) \in \mathrm{DES}_{\mathbf{d}\omega}\ \mathbf{d\varepsilon}]$

-long.for $[s\ p|\ long.for_{\mathbf{d}\omega}\langle s, \mathrm{EXP}, p\rangle, \mathrm{BEG}\ s \bullet\!<_{d\omega} d\varepsilon, \mathrm{EXP}\ s =_{d\omega} \mathrm{AGT}\ d\varepsilon]; [d\Omega =_{\mathbf{d}\omega,\, d\sigma} \Uparrow d\omega]$

-tell.to $[e\ p|\ command_{\mathbf{d}\omega}\langle e, \mathrm{AGT}, p\rangle, e \bullet\!<_{d\omega} d\varepsilon, \mathrm{EXP}\ e =_{d\omega} \mathrm{AGT}\ d\varepsilon]; [d\Omega =_{\mathbf{d}\omega,\, d\varepsilon} \Uparrow d\omega]$

-say $[e\ p|\ say_{\mathbf{d}\omega}\langle e, \mathrm{AGT}, p\rangle, \vartheta d\varepsilon \leq_{d\omega} \vartheta e, \vartheta e \subseteq_{d\omega} \mathrm{CON}\ d\varepsilon, \mathrm{AGT}\ e =_{d\omega} \mathrm{AGT}\ d\varepsilon]; [d\Omega =_{\mathbf{d}\omega,\, d\varepsilon} \Uparrow d\omega]$

-passive $[e|\ e =_{\mathbf{d}\omega} \mathrm{BEG\ CON}\ d\varepsilon, \mathrm{EXP}\ e =_{\mathbf{d}\omega} d\alpha]$

-cause $[e|\ \mathrm{BEG\ CON}\ e =_{\mathbf{d}\omega} d\varepsilon, \mathrm{AGT}\ d\varepsilon =_{\mathbf{d}\omega} d\alpha, d\alpha \varnothing \mathrm{AGT}\ e]$

-begin $[e|\ e =_{d\omega} \mathrm{BEG}\ d\sigma, \mathrm{EXP}\ e =_{d\omega} \mathrm{EXP}\ d\sigma]$
$[e|\ d\varepsilon \bullet\!<_{\mathbf{d}\omega} e, \mathrm{AGT}\ e =_{\mathbf{d}\omega} \mathrm{EXP}\ d\varepsilon, \mathbf{d}\omega \in \cap\mathrm{BEL}_{\mathbf{d}\omega}\ e]$
$[e\ p|\ e \bullet\!<_{d\omega} d\varepsilon, \mathrm{AGT}\ e =_{\mathbf{d}\omega} \mathrm{AGT}\ d\varepsilon, p \in \mathrm{INT}_{\mathbf{d}\omega}\ e]; [d\Omega =_{\mathbf{d}\omega,\, d\varepsilon} \Uparrow d\omega]$

-stage1 $[e|\ e =_{\mathbf{d}\omega} \mathrm{BEG}\ d\ni, \mathrm{AGT}\ e =_{\mathbf{d}\omega} \mathrm{AGT}\ d\ni]$
$[E|\ d\varepsilon =_{\mathbf{d}\omega} \mathrm{BEG}\ E, \mathrm{AGT}\ E =_{\mathbf{d}\omega} \mathrm{AGT}\ d\varepsilon]$
$[E|\ \mathrm{END}\ d\ni =_{\mathbf{d}\omega} \mathrm{BEG}\ E, \mathrm{AGT}\ E =_{\mathbf{d}\omega} \mathrm{AGT}\ d\ni]$

-process $[E|\ \langle E, \bullet\!<_{\mathbf{d}\omega}\rangle]; [d\ni =_{\mathbf{d}\omega,\, d\ni} \Uparrow d\varepsilon]$

-try.to $[E|\ \mathrm{END}\ E =_{d\omega} d\varepsilon, \mathrm{AGT}\ E =_{d\omega} \mathrm{AGT}\ d\varepsilon]; [p|\ p \in \mathrm{INT}_{\mathbf{d}\omega}\ \mathrm{BEG}\ d\ni]; [d\Omega =_{\mathbf{d}\omega,\, d\ni} \Uparrow d\omega]$

-habit $[d\tau \subseteq_{\mathbf{d}\omega} d\sigma, \mathrm{EXP}\ d\sigma =_{\mathbf{d}\omega} \mathbf{d}\alpha]; [{}^{\tau}s|\ {}^{\tau}s\colon d\tau \rightarrow_{\mathbf{d}\omega} d\sigma]; [\mathbf{d}\tau t =_{\mathbf{d}\omega,\, d\tau\sigma} \Uparrow d\tau]$
$[\mathrm{BEG}\ d\ni \subseteq_{\mathbf{d}\omega} d\tau, \mathrm{AGT}\ d\ni =_{\mathbf{d}\omega} \mathbf{d}\alpha]; [{}^{\tau}E|\ {}^{\tau}E\colon d\tau \rightarrow_{\mathbf{d}\omega} d\ni]; [\mathbf{d}\tau t =_{\mathbf{d}\omega,\, d\tau\ni} \Uparrow d\tau]$

-ever $[d\tau \subseteq_{\mathbf{d}\omega} d\sigma, \mathrm{EXP}\ d\sigma =_{d\omega} \mathbf{d}\alpha]; [{}^{\tau}s|\ {}^{\tau}s\colon d\tau \rightarrow_{\mathbf{d}\omega} d\sigma]; [d\tau t =_{d\omega,\, d\tau\sigma} \Uparrow d\tau]$

-often $[T|\ \mathrm{MOST}\langle \mathbf{d}\tau t, T\rangle]; [d\tau \in d\tau t]; [d\varepsilon \subseteq_{\mathbf{d}\omega} d\tau, \mathrm{AGT}\ d\varepsilon =_{\mathbf{d}\omega} \mathbf{d}\alpha]; [{}^{\tau}e|\ {}^{\tau}e\colon d\tau \rightarrow_{\mathbf{d}\omega} d\varepsilon];$
$[d\tau t =_{\mathbf{d}\omega,\, d\tau\varepsilon} \Uparrow d\tau]$

-slowly $[\underline{\mathcal{E}}|\ \mathrm{SCALE}\langle \underline{\mathcal{E}}, slower\rangle, (\mathrm{BEG}\ \underline{\mathcal{E}} =_{\mathbf{d}\omega} \Uparrow d\ni)]; [E|\ \mathrm{BEG}\ d(\ni t)t <_{d(\ni t)t} \mathrm{DEG}\ E]$

-galuar $[p|\ p \in \mathrm{BEL}_{\mathbf{d}\omega}\ d\varepsilon_1, \mathbf{d}\omega \notin p]$ or $[p|\ p \in \mathrm{DES}_{\mathbf{d}\omega}\ \mathbf{d\varepsilon}, \mathbf{d}\omega \notin p]$ or…

-antip $[d\alpha \varnothing \mathrm{AGT}_{\mathbf{d}\omega}\ d\varepsilon]$

-iv\tv (***-ut***) $[act.with_{\mathbf{d}\omega}\langle d\varepsilon, \mathrm{AGT}, d\alpha\rangle]$ or $[act.on_{\mathbf{d}\omega}\langle d\varepsilon, \mathrm{AGT}, d\alpha\rangle]$ or …

-again $[\mathrm{BEG}\ d\sigma_n <_{\mathbf{d}\omega} \mathrm{BEG}\ d\sigma]; [\{d\sigma t_n, d\sigma t\} \subseteq_{\mathbf{d}\omega} \Uparrow d\sigma]$

v\v′ -IND.IV $[\partial(speak_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}\rangle)]; [\vartheta\text{BEG } d\sigma \leq_{\mathbf{d}\omega} \vartheta\mathbf{d}\varepsilon, \mathbf{d}\tau \subseteq_{\mathbf{d}\omega} d\sigma, \text{EXP } d\sigma =_{\mathbf{d}\omega} \mathbf{d}\alpha];$
$[\mathbf{p}]; [\mathbf{d}\Omega = \Uparrow\mathbf{d}\omega]$

$[\partial(speak_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}\rangle)]; [\vartheta d\varepsilon \leq_{\mathbf{d}\omega} \vartheta\mathbf{d}\varepsilon, d\varepsilon \subseteq_{\mathbf{d}\omega} \mathbf{d}\tau, \text{AGT } d\varepsilon =_{\mathbf{d}\omega} \mathbf{d}\alpha];$
$[\mathbf{p}]; [\mathbf{d}\Omega = \Uparrow\mathbf{d}\omega]$

$[\partial(speak_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}\rangle)]; [\vartheta\text{BEG } d\ni \leq_{\mathbf{d}\omega} \vartheta\mathbf{d}\varepsilon, \text{BEG } d\ni \subseteq_{\mathbf{d}\omega} \mathbf{d}\tau, \text{AGT } d\ni =_{\mathbf{d}\omega} \mathbf{d}\alpha];$
$[\mathbf{p}]; [\mathbf{d}\Omega = \Uparrow\mathbf{d}\omega]$

$[\partial(speak_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}\rangle)]; [\vartheta\text{BEG } d\tau\ni \leq_{\mathbf{d}\omega} \vartheta\mathbf{d}\varepsilon, \mathbf{d}\tau \subseteq_{\mathbf{d}\omega} d\tau\ni, \text{AGT } d\tau\ni =_{\mathbf{d}\omega} \mathbf{d}\alpha];$
$[d\tau\ni\text{: } d\tau \rightarrow_{\mathbf{d}\omega} d\ni]; [\mathbf{p}]; [\mathbf{d}\Omega = \Uparrow\mathbf{d}\omega];$

-NEG $[\partial(speak_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}\rangle, \mathbf{d}\omega \notin d\Omega)]; [\vartheta\text{BEG } d\sigma \leq_{\mathbf{d}\omega} \vartheta\mathbf{d}\varepsilon, \mathbf{d}\tau \subseteq_{\mathbf{d}\omega} d\sigma, \text{EXP } d\sigma =_{\mathbf{d}\omega} \mathbf{d}\alpha];$
$[\mathbf{p}]; [\mathbf{d}\Omega = \Uparrow\mathbf{d}\omega]$

$[\partial(speak_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}\rangle, d\omega \notin \mathbf{d}\Omega)]; [\vartheta\text{BEG } d\sigma \leq_{\mathbf{d}\omega} \vartheta\mathbf{d}\varepsilon, \mathbf{d}\tau \subseteq_{\mathbf{d}\omega} d\sigma, \text{EXP } d\sigma =_{\mathbf{d}\omega} \mathbf{d}\alpha];$
$[\mathbf{p}]; [\mathbf{d}\Omega = \Uparrow\mathbf{d}\omega]$

-QUE $[\partial(speak_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}\rangle)]; [\vartheta d\varepsilon \leq_{d\omega} \vartheta\mathbf{d}\varepsilon, d\varepsilon \subseteq_{d\omega} \mathbf{d}\tau, \text{AGT } d\varepsilon =_{d\omega} \mathbf{d}\alpha, d\omega \in \mathbf{d}\Omega];$
$[p]; [d\Omega =_{(\mathbf{d}\alpha)} \Uparrow d\omega]; [\mathbf{Q}]; [\mathbf{d}\Omega t = \Uparrow d\Omega]; [ask_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}, (?p \in \mathbf{d}\Omega t\text{: } \mathbf{d}\omega \in p)\rangle]$

$[\partial(speak_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}\rangle)]; [\vartheta d\varepsilon \leq_{d\omega} \vartheta\mathbf{d}\varepsilon, d\varepsilon \subseteq_{d\omega} \mathbf{d}\tau, \text{AGT } d\varepsilon =_{d\omega} \mathbf{d}\alpha, d\omega \in \mathbf{d}\Omega];$
$[p]; [d\Omega =_{(\mathbf{d}\alpha), d\beta t} \Uparrow d\omega]; [\mathbf{Q}]; [\mathbf{d}\Omega t = \Uparrow d\Omega]; [ask_{\mathbf{d}\omega}\langle d\varepsilon_1, \text{AGT}, (?p \in \mathbf{d}\Omega t\text{: } \mathbf{d}\omega \in p)\rangle]$

-OPT $[\partial(speak_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}\rangle)]; [\mathbf{d}\varepsilon \bullet\!<_{d\omega} d\varepsilon, \text{AGT } d\varepsilon =_{d\omega} \mathbf{d}\alpha, d\omega \in \mathbf{d}\Omega]; [\mathbf{p}]; [\mathbf{d}\Omega = \Uparrow d\omega];$
$[wish.for_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}, \mathbf{d}\Omega\rangle]$

-IMP $[\partial(speak_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}\rangle)]; [\mathbf{d}\varepsilon \bullet\!<_{d\omega} d\varepsilon, \text{AGT } d\varepsilon =_{d\omega} \text{EXP } \mathbf{d}\varepsilon, d\omega \in \mathbf{d}\Omega]; [\mathbf{p}]; [\mathbf{d}\Omega = \Uparrow d\omega];$
$[command_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}, \mathbf{d}\Omega\rangle]$

-$\underline{\text{IMP}}$ $[\partial(speak_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}\rangle)]; [\mathbf{d}\varepsilon \bullet\!<_{d\omega} d\varepsilon, \text{AGT } d\varepsilon =_{d\omega} \text{EXP } \mathbf{d}\varepsilon, d\omega \in \mathbf{d}\Omega]; [p]; [d\Omega = \Uparrow d\omega];$
$[command_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}, (\mathbf{d}\Omega - d\Omega)\rangle]$

-FCT$_\top$ $[\vartheta\text{BEG } d\sigma \leq_{\mathbf{d}\omega} \vartheta\mathbf{d}\varepsilon, \mathbf{d}\tau \subseteq_{\mathbf{d}\omega} d\sigma, \text{EXP } d\sigma =_{\mathbf{d}\omega} \mathbf{d}\alpha]; [\mathbf{t}|\ \mathbf{t} \subseteq_{\mathbf{d}\omega} d\sigma]$

$[\vartheta d\varepsilon \leq_{\mathbf{d}\omega} \vartheta\mathbf{d}\varepsilon, d\varepsilon \subseteq_{\mathbf{d}\omega} \mathbf{d}\tau, \text{AGT } d\varepsilon =_{\mathbf{d}\omega} \mathbf{d}\alpha]; [\mathbf{t}|\ \mathbf{t} \subseteq_{\mathbf{d}\omega} \text{CON } d\varepsilon]$

-FCT$_\perp$ $[\vartheta d\varepsilon \leq_{\mathbf{d}\omega} \vartheta\mathbf{d}\varepsilon, d\varepsilon \subseteq_{\mathbf{d}\omega} \mathbf{d}\tau, \text{AGT } d\varepsilon =_{\mathbf{d}\omega} d\alpha]; [\mathbf{t}|\ \mathbf{t} \subseteq_{\mathbf{d}\omega} \text{CON } d\varepsilon]$

-HYP$_\top$ $[\vartheta\mathbf{d}\varepsilon <_{d\omega} \vartheta d\sigma, d\tau_1 \subseteq_{d\omega} d\sigma, \text{EXP } d\sigma =_{d\omega} \mathbf{d}\alpha, d\omega \in \mathbf{d}\Omega]; [\mathbf{p}]; [\mathbf{d}\Omega = \Uparrow d\omega];$
$[t|\ t \subseteq_{d\omega} d\sigma]$

$[\vartheta d\varepsilon_2 <_{d\omega} \vartheta d\varepsilon, d\varepsilon \subseteq_{d\omega} d\tau_1, \text{AGT } d\varepsilon =_{d\omega} \text{EXP } \mathbf{d}\varepsilon, d\omega \in \mathbf{d}\Omega]; [\mathbf{p}]; [\mathbf{d}\Omega = \Uparrow d\omega];$
$[t|\ t \subseteq_{d\omega} \text{CON } d\varepsilon]$

-HYP$_\perp$ $[\vartheta\text{END } d\ni <_{d\omega} \boldsymbol{\vartheta} d\varepsilon, d\varepsilon \subseteq_{d\omega} d\tau_1, \Pi d\varepsilon =_{d\omega} d\pi, d\omega \in d\Omega]; [\mathbf{p}]; [\mathbf{d}\Omega = \Uparrow d\omega];$
$[t|\ t \subseteq_{d\omega} \text{CON } d\varepsilon]$

-HAB$_\top$ $[d\varepsilon \subseteq_{\mathbf{d}\omega} d\tau, \text{AGT } d\varepsilon =_{\mathbf{d}\omega} \mathbf{d}\alpha]; [d\tau\varepsilon\text{: } d\tau \rightarrow_{\mathbf{d}\omega} d\varepsilon]; [d\tau t =_{\mathbf{d}\omega, d\tau\varepsilon} \Uparrow d\tau];$
$[\mathbf{T}]; [\mathbf{d}\tau t =_{\mathbf{d}\omega, d\tau\varepsilon} \Uparrow \vartheta\text{CON } d\varepsilon]; [t|\ t \in \mathbf{d}\tau t]$

-NON$_\top^{\text{H}}$ $[\mathbf{d}\tau \subseteq_{d\omega} d\sigma, \text{EXP } d\sigma =_{d\omega} \mathbf{d}\alpha, d\omega \in \mathbf{d}\Omega]; [p]; [d\Omega =_{\mathbf{d}\omega, d\tau 1} \Uparrow d\omega];$
$[s|\ \vartheta s =_{\mathbf{d}\omega} \mathbf{d}\tau, \text{EXP } s =_{\mathbf{d}\omega} \mathbf{d}\alpha, \mathbf{d}\omega \in (\mathbf{d}\Omega - d\Omega)]$

-ELA$_\top^{\text{H}}$ $[d\varepsilon \subseteq_{\mathbf{d}\omega} \mathbf{d}\tau, \text{AGT } d\varepsilon =_{\mathbf{d}\omega} \mathbf{d}\alpha]$

-ELA$_{\top,\text{H}}$ $[d\varepsilon \subseteq_{\mathbf{d}\omega} \mathbf{d}\tau, \text{AGT } d\varepsilon =_{\mathbf{d}\omega} \mathbf{d}\alpha]; [d\varepsilon =_{\mathbf{d}\omega} \text{BEG } d\ni]$

-ELA$_\perp^{\text{H}}$ $[d\varepsilon \subseteq_{\mathbf{d}\omega} \mathbf{d}\tau, \text{AGT } d\varepsilon =_{\mathbf{d}\omega} d\alpha]$

-ELA$_{\perp,\text{H}}$ $[d\varepsilon \subseteq_{\mathbf{d}\omega} \mathbf{d}\tau, \text{AGT } d\varepsilon =_{\mathbf{d}\omega} d\alpha]; [\vartheta d\varepsilon =_{\mathbf{d}\omega} \vartheta\text{BEG } d\ni]$

-DUR $[\mathbf{t}|\ \mathbf{t} \subseteq_{\mathbf{d}\omega} d\sigma]$ or $[\mathbf{t}|\ \mathbf{t} \subseteq_{\mathbf{d}\omega} d\ni]$

v′\V -3SG$_{(\top)}$ $[\partial(3\text{SG}_{\mathbf{d}\omega, \mathbf{d}\varepsilon}\ \mathbf{d}\alpha)]$ or $[\partial(\Pi d\sigma = \mathbf{d}\pi)]$ or …

-3SG.3SG $[\partial(3\text{SG}_{\mathbf{d}\omega, \mathbf{d}\varepsilon}\ \mathbf{d}\alpha, 3\text{SG}_{\mathbf{d}\omega, \mathbf{d}\varepsilon}\ d\alpha)]; [\neg(\mathbf{d}\alpha \bigcirc d\alpha)]$

n\n′	-SG(.ERG)	$(\mathbf{[a]};)$ $[\text{EXP } d\sigma =_{\mathbf{d}\omega} \mathbf{d}\alpha,\ 3\text{SG}_{\mathbf{d}\omega,\ \mathbf{d}\varepsilon}\ \mathbf{d}\alpha]$		
	-3SG$_{\perp}$.PL	$\lambda D.\ [\mathbf{a}];\ D;\ [\partial(3\text{SG}_{\mathbf{d}\omega,\ \mathbf{d}\varepsilon}\ d\alpha)];\ [\text{EXP } d\sigma =_{\mathbf{d}\omega} d\alpha,\ 3\text{PL}_{\mathbf{d}\omega,\ \mathbf{d}\varepsilon}\ \mathbf{d}\alpha]$		
n′\N	-LOC$_{if}$	$[\mathbf{t} \mid \mathbf{t} \subseteq_{d\omega} d\tau]$		
	-VIA$_{if}$	$[\mathbf{T}];\ [\mathbf{d}\tau t = \text{MIN} \Uparrow d\tau];\ [t \mid t \in \mathbf{d}\tau t]$		
		$[T];\ [d\tau t = \text{MIN} \Uparrow \mathbf{d}\tau];\ [\mathbf{d}\tau \in d\tau t]$		
	-LOC	$[\Pi d\sigma \subseteq_{\mathbf{d}\omega} d\pi]$	V_{LOC}:	$[\Pi d\varepsilon \subseteq_{\mathbf{d}\omega} d\pi]$
	-VIA	$[d\pi \subseteq_{\mathbf{d}\omega} \Pi d\sigma]$	V_{VIA}:	$[d\pi \subseteq_{\mathbf{d}\omega} \Pi d\varepsilon]$
	-ABL	$[d\pi \subseteq_{\mathbf{d}\omega} \Pi d\sigma]$	V_{ABL}:	$[\Pi d\varepsilon \subseteq_{\mathbf{d}\omega} d\pi \varnothing_{\mathbf{d}\omega} \Pi\text{CON } d\varepsilon]$
				$[\text{AGT } d\varepsilon =_{\mathbf{d}\omega} \text{EXP } d\sigma]$
	-DAT	$[d\pi \subseteq_{\mathbf{d}\omega} \Pi d\sigma]$	V_{DAT}:	$[\Pi\text{CON } d\varepsilon \subseteq_{\mathbf{d}\omega} d\pi \varnothing_{\mathbf{d}\omega} \Pi d\varepsilon]$
		$[d\pi \subseteq_{\mathbf{d}\omega} \Pi d\sigma]$		$[\text{EXP } d\varepsilon =_{\mathbf{d}\omega} \text{EXP } d\sigma]$
	-SG.MOD	$[\text{SG } d\alpha]$	$\text{X}_{d\alpha}$:	$[\ldots d\alpha \ldots]$
cl	=and	$[b \mid b = d\beta_1 + d\beta]$ or $[d\tau \subseteq_{\mathbf{d}\omega} d\sigma];\ [\mathbf{t} \mid \mathbf{t} = d\tau]$		
	=but	$[w \mid w = (\mathbf{d}\Omega_1 - \mathbf{d}\Omega)]$ or $[\text{MIN}_{d\Omega t}\ \mathbf{d}\Omega_1 = (\mathbf{d}\Omega_1 - \mathbf{d}\Omega)]$		
	=RPT	$[\partial(speak_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}\rangle)];\ [speak_{\mathbf{d}\omega}\langle d\omega\varepsilon, \text{AGT}\rangle,\ d\omega\varepsilon <_{\mathbf{d}\omega} \mathbf{d}\varepsilon,\ 3_{\mathbf{d}\omega,\ \mathbf{d}\varepsilon}\langle \text{AGT } d\omega\varepsilon\rangle];$ $[p \mid p \subseteq \text{Dom } d\omega\varepsilon];\ [\mathbf{w} \mid \mathbf{w} \in d\Omega];\ [speak_{\mathbf{d}\omega}\langle d\omega\varepsilon, \text{AGT}\rangle]$		
		$[\partial(speak_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}\rangle)];\ [speak_{\mathbf{d}\omega}\langle d\varepsilon, \text{AGT}\rangle,\ d\varepsilon <_{\mathbf{d}\omega} \mathbf{d}\varepsilon,\ 3_{\mathbf{d}\omega,\ \mathbf{d}\varepsilon}\langle \text{AGT } d\varepsilon\rangle];$ $[\mathbf{d}\Omega \in \text{BEL}_{\mathbf{d}\omega}\ d\varepsilon];\ [\mathbf{w} \mid \mathbf{w} = d\omega,\ d\omega \in \mathbf{d}\Omega];\ [speak_{\mathbf{d}\omega}\langle d\varepsilon, \text{AGT}\rangle];$		
		$[\partial(speak_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}\rangle)];\ [speak_{d\omega}\langle d\varepsilon, \text{AGT}\rangle,\ \mathbf{d}\varepsilon <_{d\omega} d\varepsilon,\ 3_{d\omega,\ d\varepsilon}\langle \text{EXP } d\varepsilon\rangle];$ $[p \mid p \in \text{DES}_{d\omega}\ d\varepsilon];\ [\mathbf{w} \mid \mathbf{w} \in d\Omega];\ [speak_{\mathbf{d}\omega}\langle d\varepsilon, \text{AGT}\rangle]$		
pcl	then	$[\mathbf{t} \mid \mathbf{t} \subseteq_{\mathbf{d}\omega} \text{CON } d\varepsilon]$		
	first.then	$[\partial(\text{BEG } d\sigma \subseteq_{d\omega} \mathbf{d}\tau,\ d\omega \notin \mathbf{d}\Omega)];\ [e \mid e \subseteq_{\mathbf{d}\omega} \mathbf{d}\tau <_{\mathbf{d}\omega} \vartheta\text{CON } e];\ [\mathbf{t} \mid \mathbf{t} =_{\mathbf{d}\omega} \vartheta d\varepsilon + \vartheta\text{BEG CON } d\varepsilon]$		
	finally	$[e \mid e =_{\mathbf{d}\omega} \text{END } d\ni];\ [\mathbf{t} \mid \mathbf{t} = \vartheta d\varepsilon + \vartheta\text{CON } d\ni]$		
	immediately	$[e \mid e =_{\mathbf{d}\omega} \text{BEG CON } d\varepsilon_2];\ [\mathbf{t} \mid \mathbf{t} =_{\mathbf{d}\omega} \vartheta d\varepsilon + \vartheta\text{BEG CON } d\varepsilon]$		
	suddenly	$[e \mid surprise_{\mathbf{d}\omega}\langle e, \text{AGT } d\varepsilon\rangle,\ \vartheta e =_{\mathbf{d}\omega} \vartheta d\varepsilon];\ [\mathbf{t} \mid \mathbf{t} =_{\mathbf{d}\omega} \vartheta d\varepsilon + \vartheta\text{BEG CON } d\varepsilon]$		
	still	$[\partial(d\varepsilon <_{\mathbf{d}\omega} \mathbf{d}\varepsilon)];\ [\mathbf{t} \mid \mathbf{t} \subseteq_{d\omega} \text{CON } d\varepsilon]$ or $[\partial(\text{BEG } d\sigma <_{\mathbf{d}\omega} \mathbf{d}\varepsilon)];\ [\mathbf{t} \mid \mathbf{t} \subseteq_{\mathbf{d}\omega} d\sigma]$		
	actually	$[\mathbf{d}\omega \notin \text{BEL}_{\mathbf{d}\omega}\ d\varepsilon]$		
	that.be	$[p \mid p \in \text{BEL}_{\mathbf{d}\omega} \text{ BEG CON } d\varepsilon,\ \mathbf{d}\omega \in p];\ [\mathbf{t} \mid \mathbf{t} \subseteq_{d\omega} \text{CON } d\varepsilon]$		
	of.course	$[p \mid consider.obvious_{\mathbf{d}\omega}\langle \text{CON } d\varepsilon_1, \text{AGT } d\varepsilon_1, p\rangle,\ \mathbf{d}\omega \in p]$		
	how	$[\mathbf{p}\ w \mid say_w\langle d\varepsilon, \text{AGT}, \mathbf{p}\rangle]$		
		$[\mathbf{Q}\ w \mid ask_w\langle d\varepsilon, \text{AGT}, (?p \in \mathbf{Q}\colon w \in p)\rangle]$		
	maybe	$\lambda D.\ [Q \mid Q =_{\mathbf{d}\omega} \text{BEL } d\varepsilon_2];\ [p \mid \text{SOME}\langle \text{MIN}_{d\Omega t}\ d\Omega, p\rangle];\ D;\ [d\Omega =_{\mathbf{d}\omega,\ d\varepsilon 2} \Uparrow d\omega]$		

Topology

ib	$[\mathbf{d}\Omega = \Uparrow \mathbf{d}\omega]$

Intonation

"…	$[\mathbf{w} \mid \mathbf{w} \in \mathbf{d}\Omega];\ [\mathbf{e}];\ ([\mathbf{d}\varepsilon = d\varepsilon];)\ [speak_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}\rangle];\ [\mathbf{t} \mid \mathbf{t} =_{\mathbf{d}\omega} \vartheta\mathbf{d}\varepsilon]$
…"	$[\mathbf{w} \mid \mathbf{w} = \mathbf{d}\omega_1];\ [\mathbf{t} \mid \mathbf{t} \subseteq_{\mathbf{d}\omega} \text{CON } \mathbf{d}\varepsilon];\ [\mathbf{e} \mid \mathbf{e} = \mathbf{d}\varepsilon_1]$
!	$[\partial(speak_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}\rangle)];\ [\mathbf{d}\varepsilon \bullet\!<_{d\omega} d\varepsilon,\ \text{AGT } d\varepsilon =_{d\omega} \text{EXP } \mathbf{d}\varepsilon];\ [\mathbf{p}];\ [\mathbf{d}\Omega = \Uparrow d\omega];$ $[command_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}, \mathbf{d}\Omega\rangle]$
?	$[\partial(speak_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}\rangle)];\ [d\omega \in \mathbf{d}\Omega];\ [p];\ [d\Omega =_{\mathbf{d}\alpha,\ (d\beta t)} \Uparrow d\omega];\ [\mathbf{Q}];\ [\mathbf{d}\Omega t = \Uparrow d\Omega];$ $[ask_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}, (?p \in \mathbf{d}\Omega t\colon \mathbf{d}\omega \in p)\rangle)]$
echo**?**	$[\partial(speak_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}\rangle)];\ [ask_{\mathbf{d}\omega}\langle \mathbf{d}\varepsilon, \text{AGT}, (?Q\colon Q = \mathbf{d}\Omega t)\rangle]$