Chomsky (2000): "Minimalist Inquiries: The Framework" [MI] [3.1–3.3]

Wrap-up

(1)   *Strongest Minimalist Thesis (SMT)*[96]
      Language is an optimal solution to legibility conditions.

(2)   *UG*[100, 106]

   1. $F \xrightarrow{L} [F]$
   2. $[F] \xrightarrow{L} Lex$
   3. $Lex \xrightarrow{C_{HL}} LA = \{LA_i, LA_j, \ldots\}$ [*Lexical Array*]
   4. $LA \xrightarrow{C_{HL}} LA_i$ [*Lexical Subarray*]
   5. $LA_i \xrightarrow{C_{HL}} LF(Exp)$

(3)   *Operations*[101]
      a. Merge(α,β) ® K = {α,β}
      b. Agree(α,F) in a specific domain, α a LI
      c. Move = Agree + Merge + Pied-Piping

(4)   *Core functional categories (CFCs)*[102]
      a. C (force/mood)
      b. T (tense/event structure)
      c. T*def* ([$u\phi$] defective, i.e. [uPERSON]) ☞ selected by V, *not* C [cf. raising/ECM]
      d. *v* (transitive light verb head)

(5)   *Operative complexity*[104f.]
      a. Simple operations pre-empt more complex ones [cf. Merge-over-Move].
      b. Search space is limited (locality).
      c. Access to the feature set F is restricted by [$F \xrightarrow{L} [F]$].
      d. Computation is locally determined (no look-ahead).

(6)   *Phases (☝ LA$_i$)*[106]
      a. CP & transitive *v*P ☞ propositional, PF-independent
      b. *Not* TP & unaccusative/passive *v*P

(7)   *Indirect feature-driven movement (IFM)*[106f.]
      [P]-features 'drive' successive-cyclic movement [P = peripheral].

(8)   *Phase structure*[108]
      HP = [α [H β]], α = edge(H), β = domain(H)

(9) *Phase-Impenetrability Condition (PIC)*[108]

In phase α with head H, the domain of H is not accessible to operations outside α, only H and its edge are accessible to such operations.

(10) *Chain*[114]

$C_\alpha = \langle \alpha_1, \alpha_2 \rangle$ = a sequence of occurrences of a single α

(11) *Occurrence*[115]

Occ(α) in K is the full context of α in K **õ** Occ(α) = sister(α) **õ** $C_\alpha = \{\alpha_1, \alpha_2\}$

(12) *Relations*[117]

Given Merge(α,β) ® K(α, β):

a. Sisterhood(α, β)

b. Immediate containment K $\supseteq_{immediate}$ $\{\alpha, \beta, K\}$

Composition of relations yields:

c. Containment: K $\supseteq \{\alpha\}$ if K $\supseteq_{immediate} \{\alpha \,|\, L \supseteq \{\alpha\}\}$

d. Term: α = term(K) if K $\supseteq \{\alpha\}$

e. Identity: sister(sister)

f. C-command: α c-commands β if α = sister(K $\supseteq \{\beta\}$)

(13) *Uninterpretable features ([uF]s)*[120f.]

[uF]s yield the dislocation property:

a. T[$u\phi$] identifies T as a target for dislocation.[121f.]

b. T[EPP] requires ('second') Merge in the position identified by [$u\phi$].

c. DP[uCase] identifies a DP as a candidate for Merge, hence dislocation [**Ü** activeness].

d. Case is ancillary to agreement ([$u\phi$])![122]

(14) *Probe & goal*[122]

A probe seeks a matching F (= goal) establishing agreement.

(15) *Match*[122]

a. Matching is a relation that holds of a probe P and a goal G.

b. Matching is feature identity.

c. Match(P,G) **õ** Agree(P,G) if c-command domain D(P) $\supseteq$ G, under closest c-command.

(16) *Closeness*[122]

G is closest to P if $\nexists$ Match(P,G'), G' $\in$ D(P), G $\in$ D(G').

(17) *Activeness*[122]

Undeleted [uF]s render G active.

(18) *Defective intervention*[123]

In $\alpha > \beta > \gamma$, β inactive, β blocks Match(α, γ) ☗ crash.

(19) *Deletion*[124]

a. One fell swoop operation.

b. Defective heads (T$_{def}$, Prt$_{def}$) cannot deactivate F [uF].

(20) *Expletives*[124]

a. Weak (*there*): defective [$u\phi$] = [uPERSON] ☗ partial agreement

b. Strong (*it*): full [$u\phi$] ☗ full agreement

(21) *Syntactic objects*[126]

Fs & objects constructed from Fs:

a. Lexical items LI.

b. Modified lexical items MLI [= LI with [uF] deleted].

c. Sets K constructed from given elements α, β.

(22) *Agree = Suicidal Greed*[127]

[uF]…[F] Greed (MP:§4) *vs.* Agree (= Suicidal Greed) ® *vs.* [F]…[uF][127]

(23) *Wh-movement*[128]

C$_{[uQ]}$ … XP$_{[uwh, Q]}$

(24) *Multiple Spell-Out*[131]

Spell-Out applies cyclically in the course of the (narrow syntactic) derivation.

(25) *Single cycle syntax*[131f.]

a. Agree replaces covert cycle.

b. Overt and 'covert' (Agree) operations are interspersed.

c. No distinct LF component within narrow syntax.

(26) *Label*[133]

Given Merge(α,β) → K = {α, β}, label(α) = α, α an LI [= projecting head]

(27) *Pair-Merge (Adjunction) vs. Set-Merge (Substitution)*[133]

{γ, <α, β> } *vs.* {γ, {α, β} }, γ = label

(28) *Extension condition (structure preservation)*[136f.]

Given a choice of operations applying to α and projecting its label L, select one that pre-serves R(L, γ) [R = basic relation].