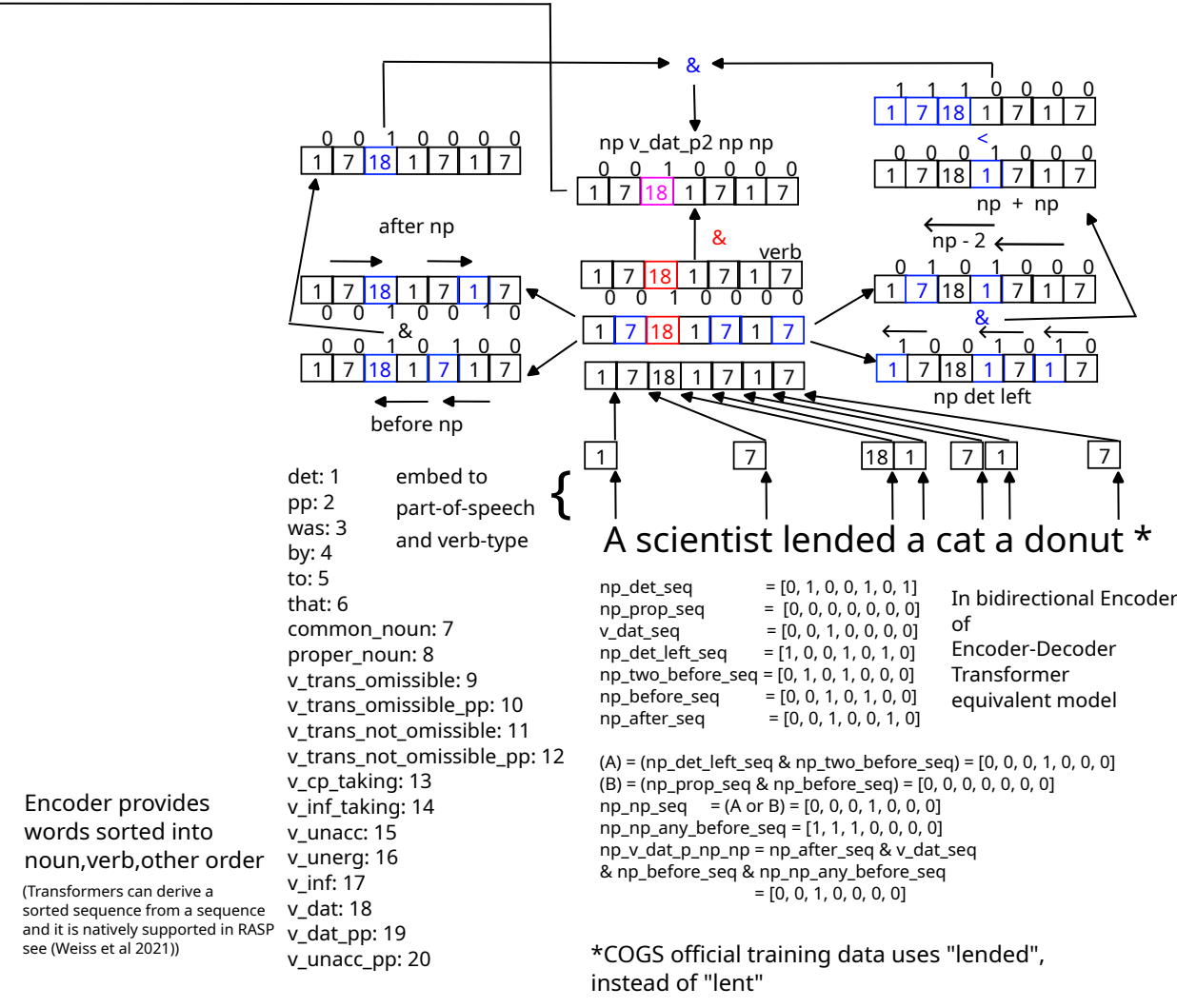


a.

Encoder



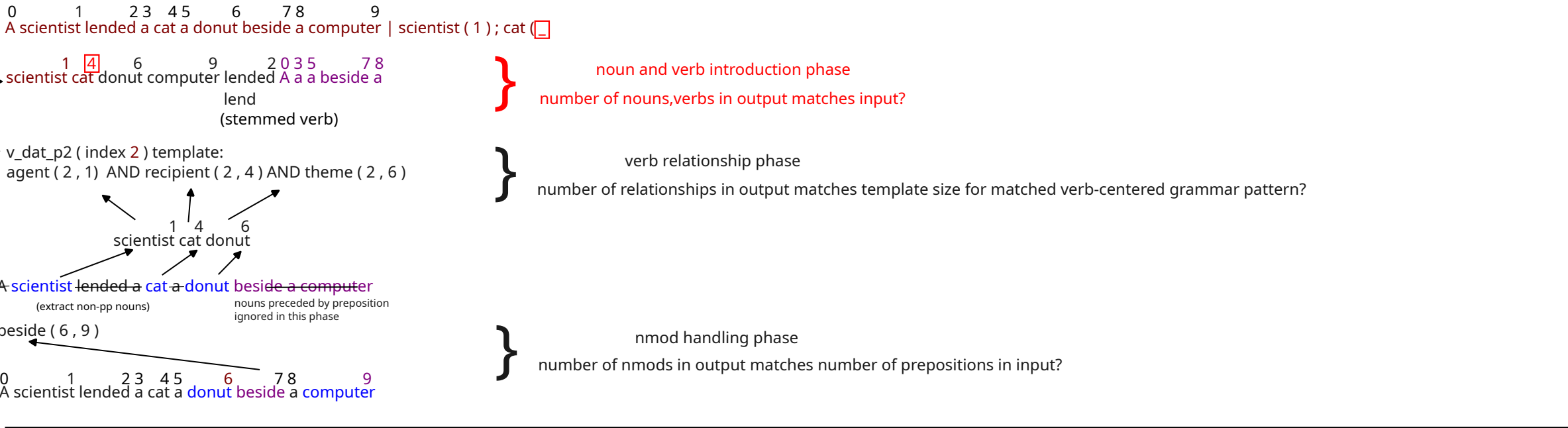
b.

Encoder attempts 19 flat
pattern matches at once
(matching v_dat_p2 shown here)

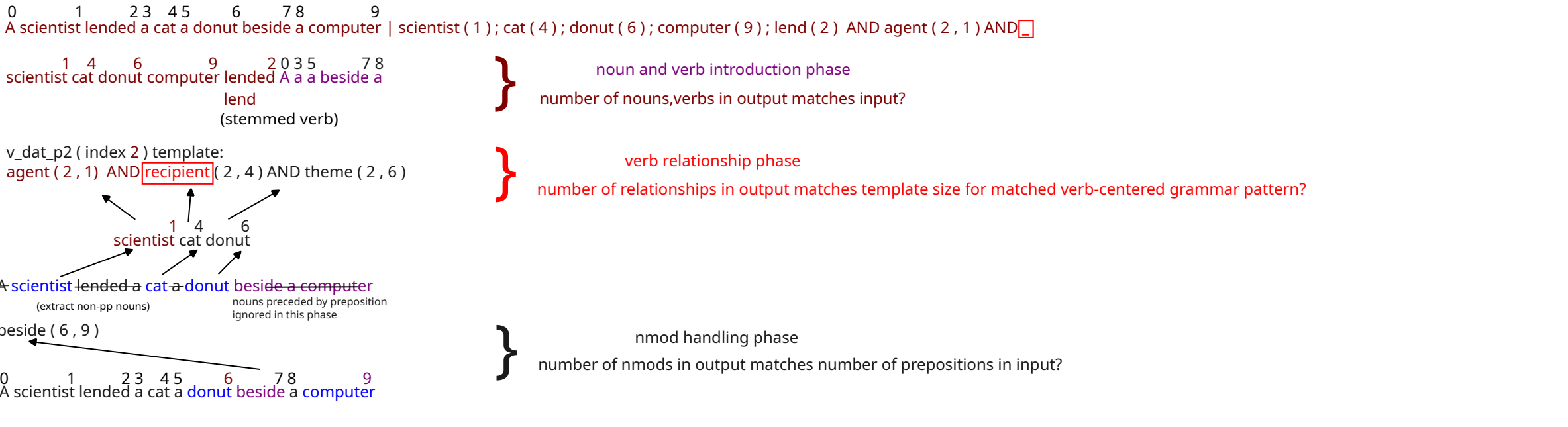
POS/verb-type sequence matched	Noun-verb relationship	POS/verb-type sequence matched	Noun-verb relationship
template	template	template	template
((det common)lproper) v_dat_p2 ((det common)lproper)	agent, recipient,	((det common)lproper)	agent,
((det common)lproper)	theme	v_unacc_p1 ((det common)lproper)	theme
((det common)lproper) v_dat_p1 ((det common)lproper)	agent, theme,	((det common)lproper) was v_unacc_pp_p1	theme
to ((det common)lproper)	recipient	((det common)lproper) was v_unacc_pp_p2	theme,
((det common)lproper)	theme	by ((det common)lproper)	agent
was v_trans_omissible_pp_p1		((det common)lproper) v_inf_taking to v_inf	agent
((det common)lproper) v_trans_omissible_p1	agent	((det common)lproper) v_unerg	agent
((det common)lproper)	agent,	((det common)lproper)	theme
v_trans_omissible_p2 ((det common)lproper)	theme	v_unacc_p2	
((det common)lproper) was v_trans_omissible_pp_p2 by	theme, agent	((det common)lproper)	recipient,
((det common)lproper)		was v_dat_pp_p3 ((det common)lproper)	theme
((det common)lproper)	agent,	((det common)lproper) was v_dat_pp_p4 to ((det common)lproper)	recipient, theme,
v_trans_not_omissible ((det common)lproper)	theme	by ((det common)lproper)	agent
((det common)lproper)	theme	((det common)lproper) was v_dat_pp_p2 to ((det common)lproper)	theme, recipient,
was v_trans_not_omissible_pp_p1		by ((det common)lproper)	agent
((det common)lproper) was v_trans_not_omissible_pp_p2 by	theme, agent	((det common)lproper)	theme,
((det common)lproper)		was v_dat_pp_p1 to ((det common)lproper)	recipient

Decoder loop

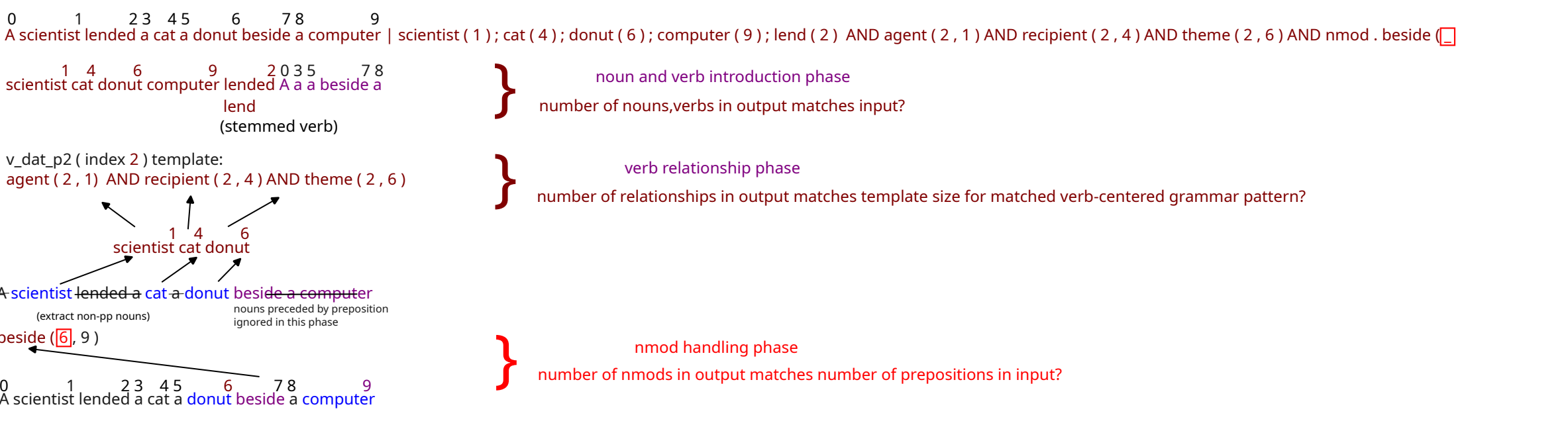
c(i).



c(ii).



c(iii).



c(iv).

