i. $[\alpha]\langle\beta\rangle P \rightarrow \langle\alpha^*\rangle q$

ii. $\langle\alpha;(\alpha\cup\beta)^*\rangle[P?]q$

iii. $[\alpha][\beta]P \wedge [\alpha^*]q$

$$M = \langle W, R_\alpha, V \rangle$$

$$W = \{a, b, c, d, e\}$$

$$R_\alpha = \{ (a,a), (a,b), (b,c),$$
$$(c,d), (d,d) \}$$

$$R_B = \{ (a,b), (b,a), (c,c),$$
$$(e,e), (e,d) \}$$

$$V_P = \{a, b, c, d\}$$

$$V_q = \{a, e\}$$