Our situation in IPTW ATT Robust variance

$$A(3) = -E \begin{bmatrix} \frac{\partial \psi_{0}}{\partial \phi_{0}} & \frac{\partial \psi_{0}}{\partial \phi_{1}} & \frac{\partial \psi_{0}}{\partial \phi_{1}} & \frac{\partial \psi_{0}}{\partial \phi_{2}} & \frac{\partial \psi_{0}}{\partial \phi_{1}} & \frac{\partial \psi_{0$$

우리의 상황은
$$P(A=1|L_{\overline{L}}) = exp(do+d_1B+d_2C) / 1+exp(do+d_1B+d_2C)$$
 $h(L_{\overline{L}})$ 라 define.

$$\int \frac{\partial \psi_{dl}}{\partial do} = - \frac{h(L_{7}; d) \times B_{7}}{(1 + h(L_{7}; d))^{2}}$$

$$\mathcal{D} \frac{\partial \psi_{d2}}{\partial do} = - \frac{h(LT;d) \times CT}{(1+h(LT;d))^2}$$

$$\Rightarrow OIM, \ h(IT; \hat{a}) / (I + h(IT; \hat{a}))^2 = \frac{h(IT; \hat{a})}{I + h(IT; \hat{a})} \times \frac{I}{I + h(IT; \hat{a})} = P(AT = \hat{I} | LT) \times (I - P(AT = \hat{I} | LT))$$

$$2HP_{0}^{2}, Q_{II} = \begin{bmatrix} -\frac{h(L\tau;\hat{\alpha})}{(1+h(L\tau;\hat{\alpha}))^{2}} & (1,B\tau,C\tau)^{T} \\ -\frac{h(L\tau;\hat{\alpha})}{(1+h(L\tau;\hat{\alpha}))^{2}} & (B\tau,B\tau^{2},B\tau C\tau)^{T} \\ -\frac{h(L\tau;\hat{\alpha})}{(1+h(L\tau;\hat{\alpha}))^{2}} & (C\tau,B\tau C\tau,C\tau^{2})^{T} \end{bmatrix}$$

$$\bigcirc \frac{\partial \psi_o}{\partial d_0} = (Y_T - \mathcal{U}_o) (I - A_T) h(L_{T}; d) \qquad \bigcirc \frac{\partial \psi_o}{\partial d_1} = (Y_T - \mathcal{U}_o) (I - A_T) h(L_{T}; d) \times B_T$$

3
$$\frac{\partial \psi_0}{\partial d^2} = (Y_T - M_0)(I - A_T)h(L_T; d) \times C_T$$

$$2 \in \mathbb{R}^{2}$$
, $a_{21} = (Y_{T} - M_{0})(1 - A_{T}) h(L_{T}; d) (1, B_{T}, C_{T})^{T}$

B(3) = E	ψ ² do Ψαο Ψαι	Ψαο Ψαι Ψαι ²	V do Vd2 4	ναο ψι ναι Ψι	Ψαο Ψο Ψαι Ψο			
	Yao Yaz 	Ya, Yaz Yı Yaı Yo Yaı	Ψα2 4 Ψι Ψα2 4 Ψο Ψα2	Ψ2Ψ1 Ψ1 ⁼ Ψ0Ψ1	Ψα2Ψο -Ψ,Ψο Ψο ²			
			•					