

$$\underline{h_i(t)} = \underline{h_o(t)} \exp(x_i \beta)$$

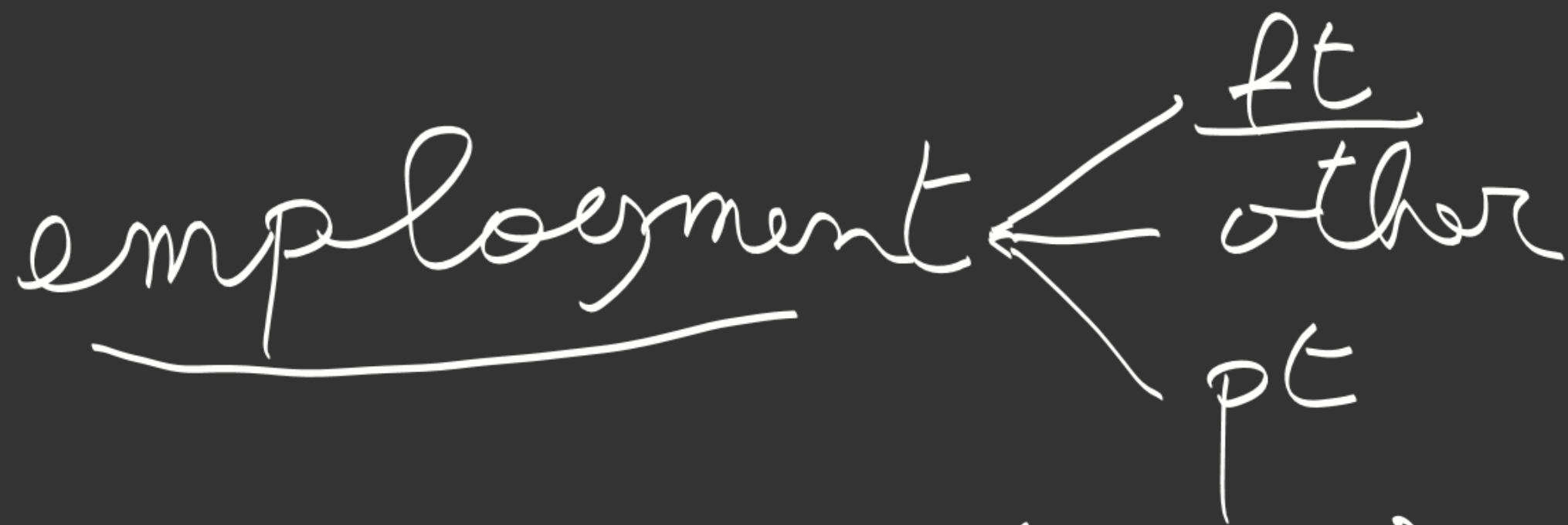
$$x_i = \begin{cases} 0: & \text{ret } i \text{ normal sleep.} \\ & \text{Pattern} \\ 1: & \text{" " sleep deprived.} \end{cases}$$

$$\underline{\beta \in \mathbb{R}}$$

⑧ HANDLING LAT. VARS

$$[gsp < \overset{\text{comb}}{\text{PO}}] \quad x \leftarrow \underbrace{(gsp == "PO") + 0}_{< 1}^0$$

$$\hookrightarrow \underline{\underline{gspPO}} < \overset{0}{1}$$



$$\left[\begin{array}{l} \text{employment} \frac{other}{ft} < 1 \\ \text{employment} \frac{pt}{ft} < 1 \end{array} \right]$$

$$\begin{array}{l} \alpha \beta_1: \frac{other}{ft} \\ \alpha \beta_2: \frac{pt}{ft} \end{array}$$

$$\hat{\beta} = (\hat{\beta}_{\text{t}}, \hat{\beta}_{\text{pc}}, \hat{\beta}_{\text{Age}}, \hat{\beta}_{\text{NA}})$$

$$\begin{array}{l} \underline{1}: x = (1, 0, 40, 0) \times \hat{\beta} \\ \underline{2}: x = (1, 0, 60, 3) \times \hat{\beta} \end{array}$$

WALD TEST

1. LOGRANK: cmp. 2 groups
2. STRATIFIED LRT: AS 1), CONTROLLING
for conf

3. COX:
a) COMPARE 2+ groups

ACCORDING TO CPH:

$$R_A(t) = \underline{R_B(t)} \times 2$$

$$\left[\frac{R_A(t)}{R_B(t)} \right] = \underline{\underline{\exp(B)}}_{\cancel{f}}$$