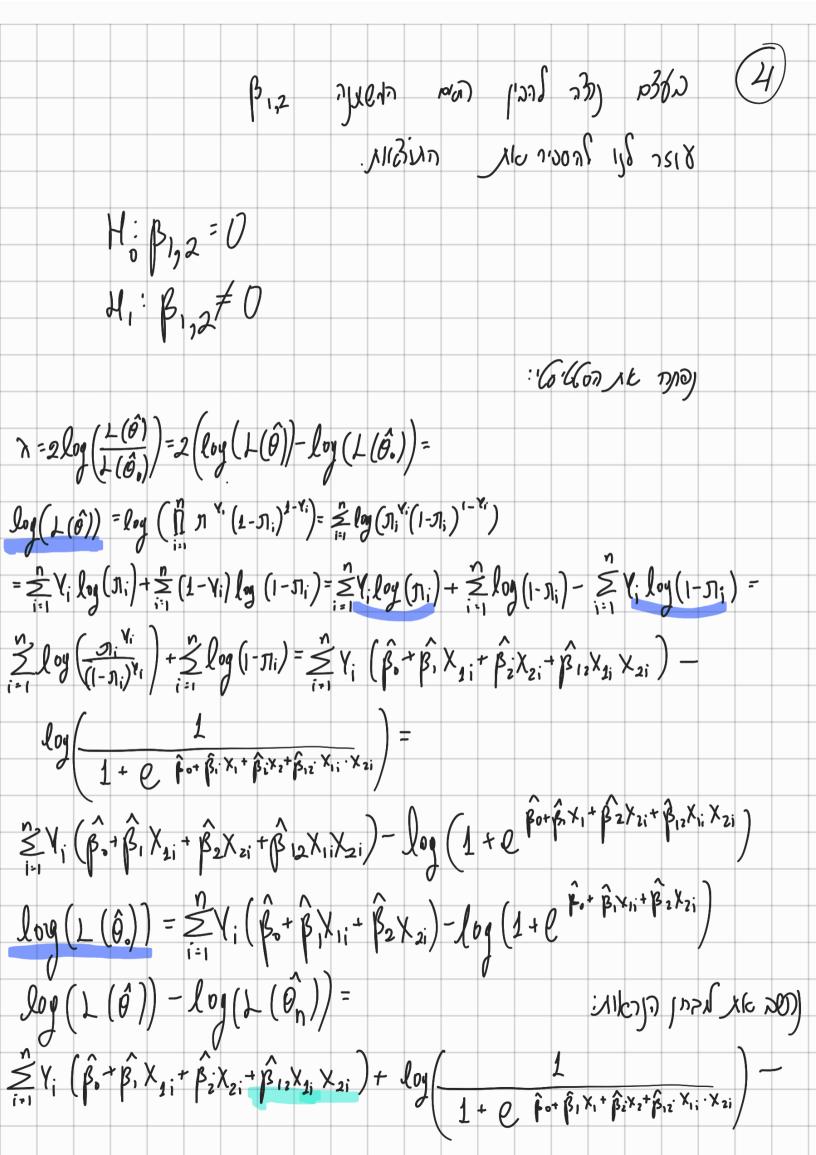
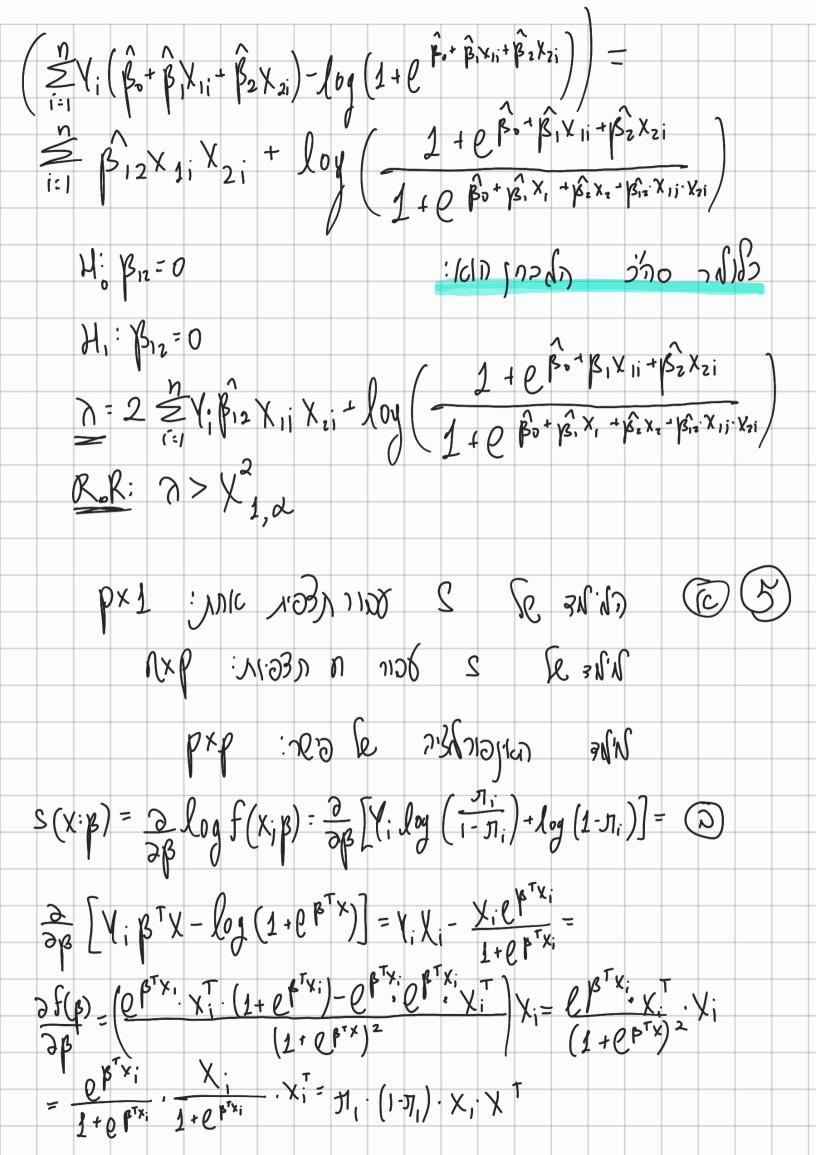
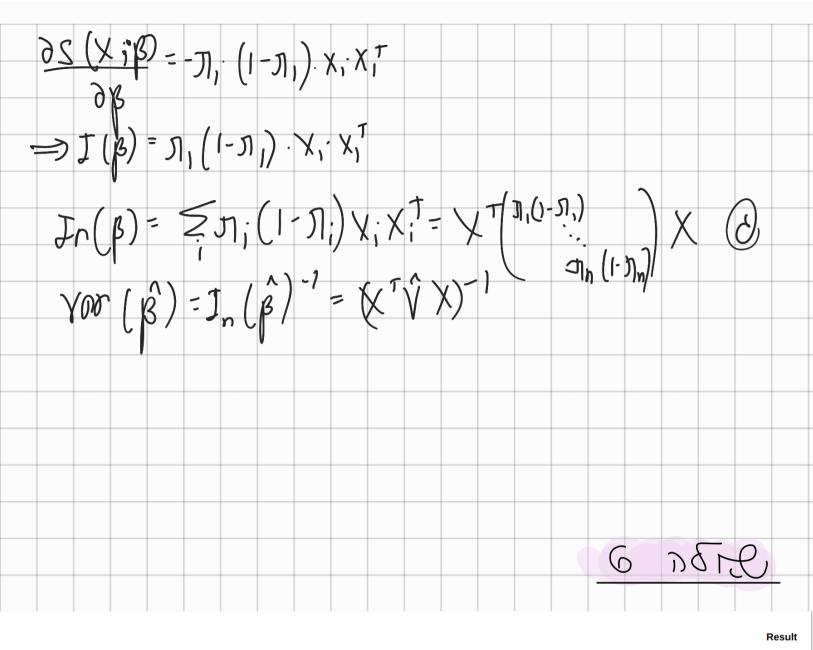
$$\begin{array}{c}
O(R) = 0665 (D-1)E=1 \\
O(R) = 0665 (D$$

$$\begin{array}{l} \widehat{T} = 2 \log \left( \frac{1}{2} \left( \frac{\hat{\theta}}{\theta} \right) \right) \\ \frac{1}{2} \left( \frac{\hat{\theta}}{\theta} \right) = \frac{1}{2} \frac{1}{2}$$







0.483

**Logistic Regression Model Equation** y = e ^ (b0 + x1 \* b\_age + x2 \* b\_obesity + x3 \* b\_alcohol) / (1 + e ^ (b0 + x1 \* b\_age + x2 \* b\_obesity + x3 \* b\_alcohol))

**Beta Estimator** 

[-9.90606, -0.02169, 0.01961, 0.20531]

Variance of Beta Estimator

observation

-6.827

Log Likelihood Value for Beta Estimator

[[58.75593, -1.17187, -0.026, -0.52854], [-1.17187, 0.05356, 0.0007, -0.0055], [-0.026, 0.0007, 0.00074, -0.00018], [-0.52854], [-0.5285

-0.0055, -0.00018, 0.0136]]

Forecast for Expected Value of new

observation CI for Expected Value Forecast of new

 $[0.26496705546448235,\,0.8792969465547116]$ 

4	 -	_	-	$\overline{}$	$\overline{}$	 							