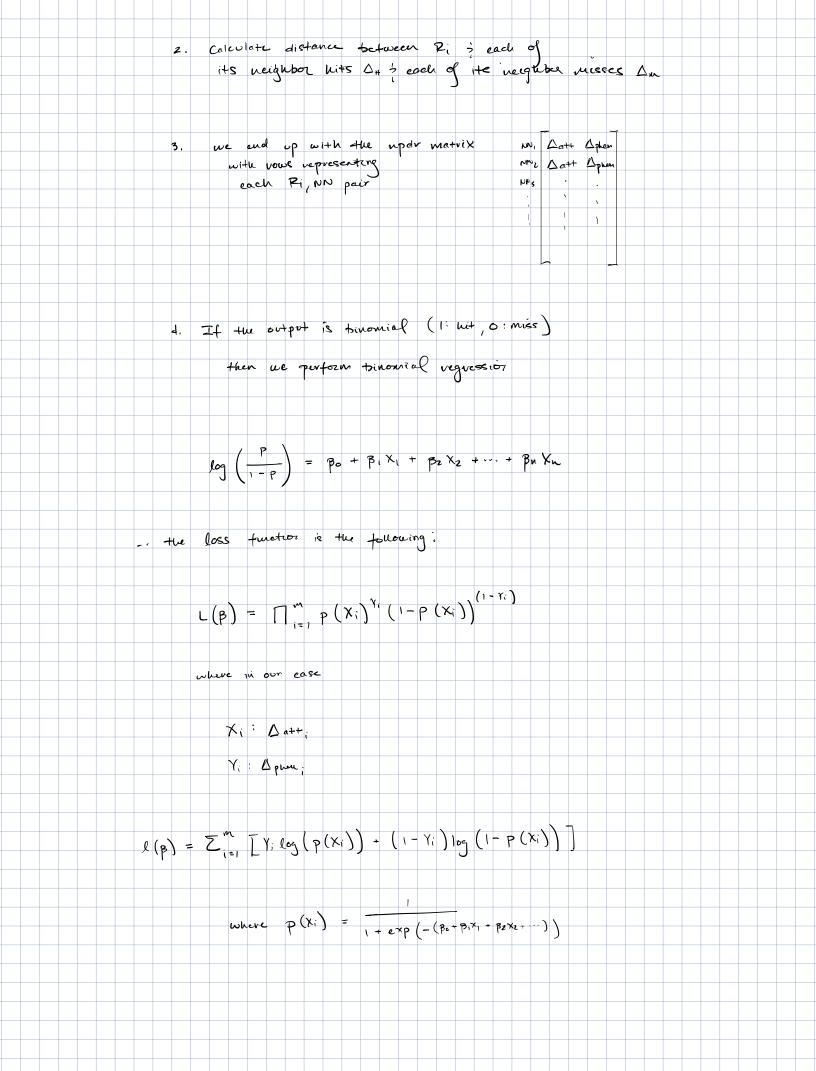
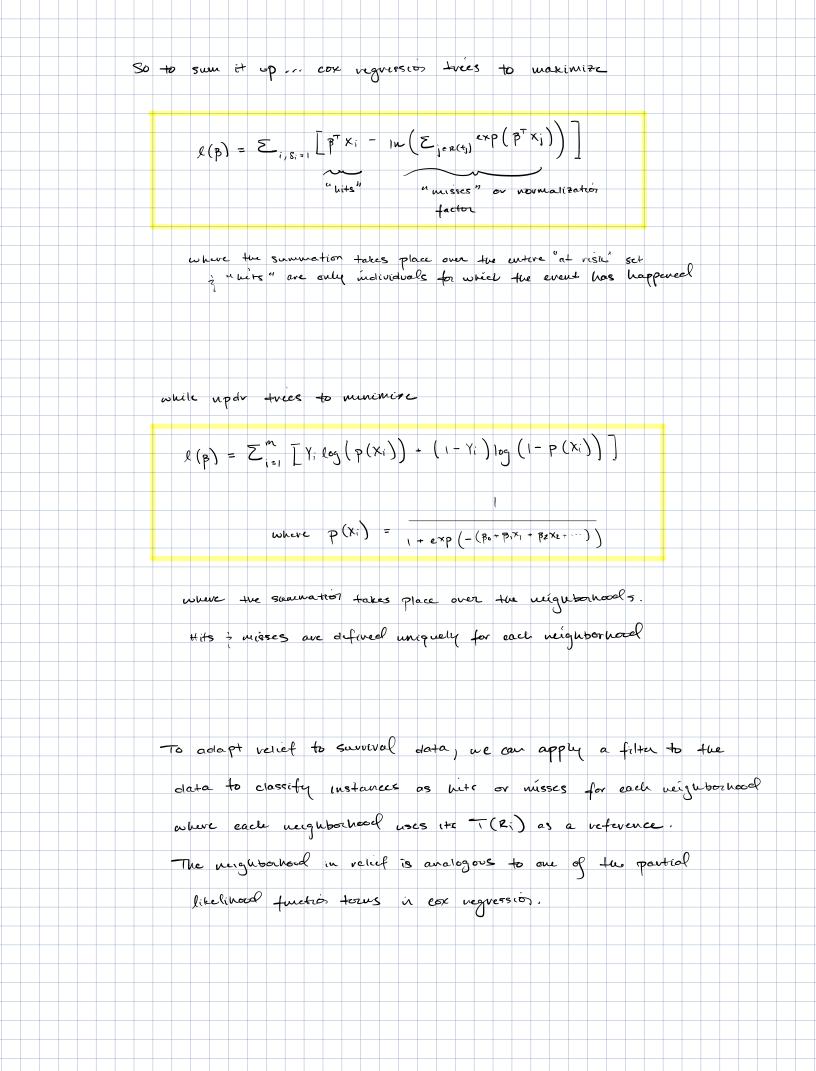
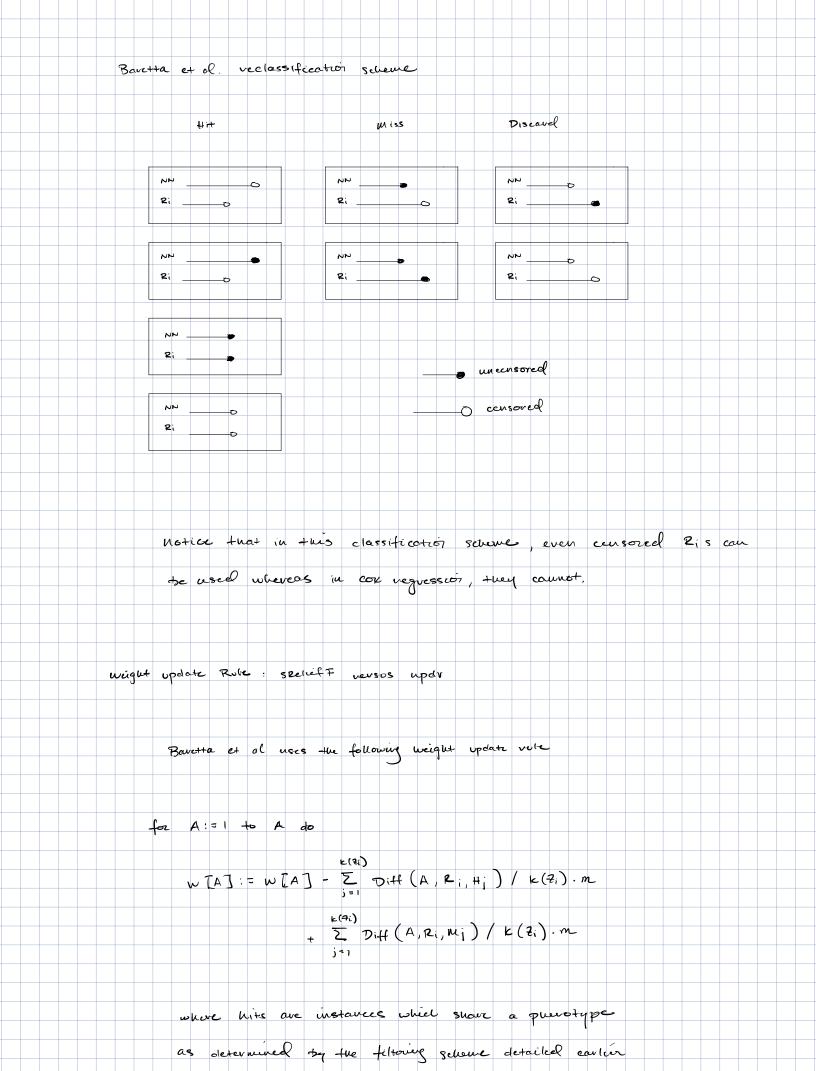
The cox PH wood has the form: $\frac{L(+)}{h_0(+)} = \prod_{i=1}^{m} exp\left(\beta^{T}X_{i}\right)$ BT: importance score Xi: feature vector for mstance i cox regressión models will solve for the proefficients by maximizing the portial likelihoool furetroi $L(B) = \prod_{i, i \in I} \sum_{j \in E(i)} \exp \{B^T x_i\}$ where the product is over all event times 2 the sum includes all individuals in the visik set 2(+i) (individuals for wheel the event has not occurred) Note the numerator does not include concored individuals while the denominator doce L(B) can be linearized by taking the log of both sides \neq $\ell(\beta) = \sum_{i, S_i = 1} \left[\beta^T \times_i - \text{Im} \left(\sum_{j \in \mathcal{R}(\tau_j)} \exp \left(\beta^T \times_j \right) \right) \right]$ " misses" or normalization factor Relief handles approximating feature importance differently. P, NU, 1. Find the neighborhood RI NNZ RN NNI RN NN2







-. This is simply the vousom of the design matrix .. convert 1 pur = 0 (hits) to -1 then W[A] = rowsour (Dpier · Datt) weighting neighbor distances. Barreta et al. Diff (A, Ri, Ri) = Diff (A, Ri, Ri) / S(T(Ri)) are want to increase attribute differences for instences which have different survival time and oncome (the also helps to account for informatio loss due to emporing) I have chosen to wake this effect exponential. Neighbore in attribute space are exponentially further away if they have different survival estinated $k_i = \exp \left(\frac{5(\tilde{\tau}(z_i)) - 5(\tilde{\tau}(\nu\nu_i))}{25^2} \right)$ user impor Then Datti = Datti - ki