3. SVAM and LOCK & M PS 3 &

"OCCU: Train SVM on all samples but I and
fest on Cast one Then average the evrors. SVM: Y (1) (wx +b) di villhe Dexpept for 3 support Vectors $\omega^{\chi} + b = \sum_{i=1}^{K} \alpha_i \gamma^{(i)} (x^{(i)} x) + b$ Data is linearly separable =) No error necessary if trained on entire sel. If support Vector is a left out fithis in one chileralia it's possile that it is missclasified If no SV is Ceft out but other point, then Rese won't be a misselassification (because optimum de = 5 Max errors: 15VI consex optimination Total runs: m = 5 \(\xi_{\text{Looce}} \) \(\frac{\text{Looce}}{\text{m}}\) problem isn't affected un -active constants 1e di =0)

Gleneralités, yes. Because data is still separable. So