$$egin{aligned} \hat{p}(ext{dub} \mid ext{my friends}) = & \lambda_3 \hat{p}_{ ext{MLE}}(ext{dub} \mid ext{my friends}) \ & + \lambda_2 \hat{p}_{ ext{MLE}}(ext{dub} \mid ext{friends}) \ & + \lambda_1 \hat{p}_{ ext{MLE}}(ext{dub}) \ & + \lambda_0 rac{1}{|\Sigma|} \end{aligned}$$