Regined Activity 0914123 GH = good hyggiene BH = beel hyggiene S = sick i) P(GHIS) = P(SIZH)P(GH) P(5) NS - not sick P(SIGH).P(GH) + P(SIBH)-P(BH) P(GH) = 0.99 P(SI 6H)= U.O1 · 0.99 + D(QH)= 0.01 0.5 . 0.01 0.01 P(SIBH) = 0.5 0.0149 : P(GH)S) = P(SIGH)P(GH) 0.01.0.69 0.0149 ag ≈ 0.66 46

