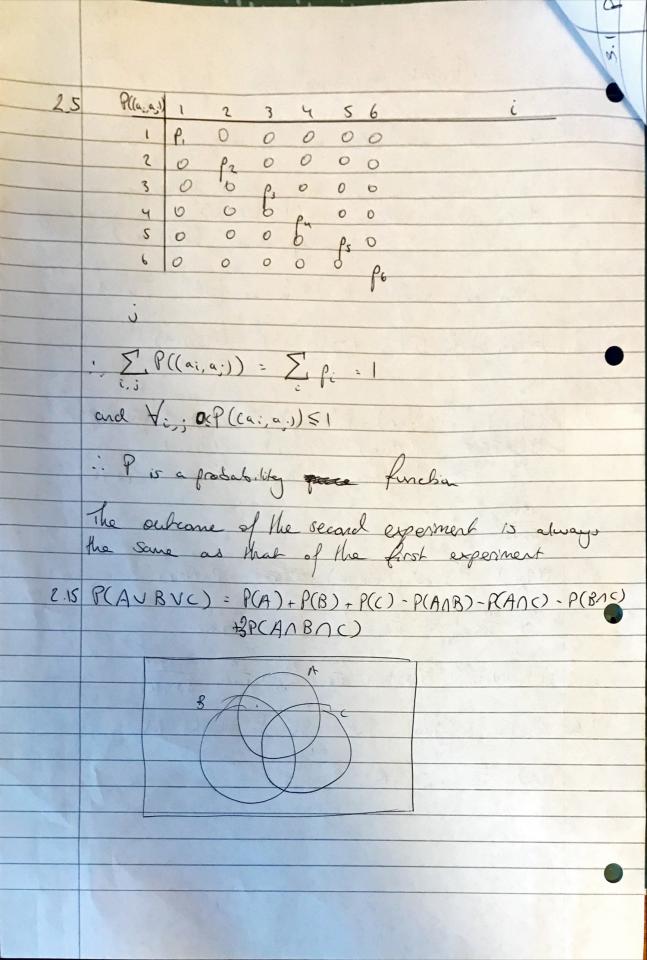
Morgan Smile Probability Superision 2.1 4! = 24 elements of the sample space 2.2 "It is certainly not true that neither John nor Mary is to Hame": ((JUM))" (F) (F) (F) "John or Mary is to blame, or both": JVM (7) Starting with (t), (J'AM') = ((JVM)') 23. P(Jan): P(Mar): P(May): P(July) - 181412 : 34. 315 + 14. 3366 = 93 | 1460 + 31/464 = 2137440 P(Apr) = P(Jure): P(Sept) P(Nov) = 34.365 + 14.80 = 9 + 5 = 1463 P(Feb) = 3/4 · 365 + 1/4 · 366 = 21 + 29 41329 2.4 Assuming that P(M): 1/2 & months M, P(L) = 12 P(R) = 3 = 3



8.1 P(N/L): P(N/L) (3/2): 37 3.2 P(C(A) = P(C(A) (V3) = 1 P(cclAUB) = 1-P(c/AUB) = 1 - P(Cn (AUB)) = (1/3) = 1/2 = 1/2 3.3 P(AIC) = P(AAC) (73) = 1/2
P(C) (73) P(A(1c) = P(A(nc) = (1/3) = 1/2 · P(AIC) + P(ACIC) · /2 + /2 = 1 3.4 P(R3 1R2) = P(R3 1R4) = (Je-et) - 1-e-4 = [-e] = -u = (-e-4 +e-3). -4.1 (w, w2) = {(2,6), (3.5), (4,4), (5,3)(6,2)} 4.2. P(5=4)= 3/36= 1/2 P(S=8)= 3/36 P(5=5) = 4/36 = 49 P(5=9) = 4/36 = 1/a P(5=6): 5/36 P(5=10) = 3/36 = 1/2 P(5=7)= 6/36 = 1/6 P(S=11) = 3/36 = 1/18 P(5=12) = 1/36