Page No. Date: / Model Evaluation. N= 45 M=0.0607 14(1-10) 0.0602 (1-0.0007) = Ju.0013 = 0.036 951. CI = pt 1.960 = 0.140|- 0.0001 - 1-0.0061, 0-140, N=45 M1= 0.0667 Mr= 0-0889 M3= 0.137 H2-1 = H2-11, = 0.0222 02 = [42 (1-4n) 0.0889 (1-0.0889) -0.041

TI = [11, (1-14)) = 50.0607(1-0.0667) = 50.0013 = 0.036 (T2)2 - (T2)2 = 5 (0.040)2 + (0.036)2 = 50.002977 - 0.054 = 0.4074 It. 40.744. confident frak utz viell perform better. M3-1 = M3-4, = 0.133-0.0667 = \0.00256 = 0.0505

Page No. Date: / Pay C= = D(2)2 + (E)2 (0.05055 + (0.036)2 Qu = 50-003846 = 0-063 2= 12-1 0-0 663 - 1.069 52-1 0.062 3 N=10 e(D.T - Jus Algo) = e CDT)i-e(Jus Algo)i Decission Tree Jan Algo DT-FA 0.4 8-89 0-081 a -3 -0.04 0.06 9-52 9.48 0-99 0.269 8.13 9.12 9.48 0.128 ~0.35 9.13 00091 0.19 10012 9-48 0-78 0.192 10.23 10.01 0.46 c - 97 8.56 9.62 -0.56 0-225 9.12 8.55

Page No. M = 1.52 0.152 AS N = 30 Voe t-test. H- to=0 t= M = 0.118 Dof = N-1=9 At 9, 2-0.985 at 65%. But tal = 0.118 26220.985 4. TPR = TP FRR = ER TN+FP H. = FPR = 1 - 0.07) 1+13 TPZ = 29 = 0.93

Date: / /20/ H2= FPR = 7 0.2 TPR = 29 = 0.46 M1: FPK = 3 = 0.2 TPIZ = 22 - 0.73 from a HI = ED = 1- JO-5 (1-0.93)2 + (0.07)2 = 1- 50.5(0.099) - 0.9292 H2 = 1- JO-5 (1-0-4672 + 60-2)2 = 0-857 M2 = 1- JU-5C1-0-95)2 + (0-4)2 = 0.84) Al, is best model as it is

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