B: training cohort A: training cohort Survival probability 0.75 Chisq(63.174), p = 9.05e-1015 Metabolic Dysbiosis Score 0.50-0.25p < 0.0001 0.00 10 30 Days from Admission 104 (100) 99 (95) 93 (89) 91 (88) 43 (100) 28 (65) 15 (35) 11 (26) 10 20 30 Survivor Non-Survivor Low MD Score High MD Score 30 Day Mortality Survivor Non-Survivor C: validation cohort D: validation cohort Chisq(6.338), p = 5.01e-01Survival probability 0.75 Metabolic Dysbiosis Score 0.50 10.0 0.25 p = 0.0167.5 0.00 10 20 30 Days from Admission 5.0 36 (100) 32 (89) 31 (86) 28 (78) 2.5 13 (100) 8 (62) 6 (46) 6 (46) Survivor Non-Survivor 10 20 30 0