Correlation Matrix with new features Hours Studied = 1.0 0.45 Attendance 1.0 Sleep Hours 1.0 Previous Scores -1.0 0.17 Tutoring Sessions 1.0 0.16 0.81 Physical Activity 0.34 0.15 Exam Score = 0.45 0.58 1.0 0.16 0.17 0.17 0.16 0 11 0.12 Parental Involvement -0.44 0.16 1.0 Access to Resources -0.17 1.0 Motivation Level -Family Income 1.0 Teacher Quality 1.0 Parental Education Level 0.11 1.0 0.75 Peer Influence -1.0 Extracurricular Activities No -1.0 -1.0 Extracurricular Activities Yes --1.0 1.0 Internet Access No -1.0 -1.0 -1.0 1.0 Internet Access Yes -Learning Disabilities No 1.0 -1.0 Learning Disabilities Yes --1.0 1.0 School Type Private 1.0 -1.0 -1.0 1.0 School Type Public Distance from Home Far -1.0 -0.22 -0.4 -0.22 1.0 -0.8 Distance_from_Home_Moderate --0.4 -0.8 1.0 Distance from Home Near -Study_Efficiency -Preparation • Resource Utilization Score -0.81 1.0 0.12 Health Score -0.34 Motivation Effort =0.8 1.0 Parental Support Score 0.15 0.44 Sleep_Hours Previous_Scores Family_Income Peer_Influence Extracurricular_Activities_No Internet_Access_No Learning_Disabilities No School_Type_Public Hours Studied Attendance Tutoring_Sessions Physical_Activity Exam Score Parental_Involvement Extracurricular_Activities_Yes Internet_Access_Yes Learning_Disabilities_Yes School_Type_Private Distance_from_Home_Far Motivation_Effort Parental_Support_Score Access to Resources Motivation_Level Parental_Education_Level Distance_from_Home_Moderate Study_Efficiency Preparation Resource_Utilization_Score Health_Score Teacher_Quality Distance_from_Home_Near

