PRODID project – List of variables

id_student: student unique identification number
id_teacher: teacher unique identification number
id_course: course unique identification number

Student variables
rate_teacher_ability: ordinal variable (rating on teacher ability to motivate students, from 1 = "Very low" to 10 "Very high")
female_student: dummy variable (0 = "No"; 1 = "Yes")
age_student: continuous variable (age at the beginning of academic year 2012/2013)
grade_high_school: continuous variable
year_enrol: categorical variable (student year of enrollment in the degree)
regular_enrol: dummy variable (0 = "No"; 1 = "Yes")
passed_exams: continuous variable

Teacher variables
female_teacher: dummy variable (0 = "No"; 1 = "Yes")
age_teacher: continuous variable (age at the beginning of academic year 2012/2013)
position_teacher: categorical variable (1 = "Assistant Prof"; 2 "Associate Prof"; 3 "Full Prof")
responsability_teacher: dummy variable (0 = "No"; 1 = "Yes")

Course variables
compulsory_course: dummy variable (0 = "No"; 1 = "Yes")
course_with_more_teachers: dummy variable (0 = "No"; 1 = "Yes")
course_total_hours: continuous variable
credits: categorical variable
course_year: categorical variable (course year of enrollment in the degree)
Padua_course_location: dummy variable (0 = "No"; 1 = "Yes")
shared_course: dummy variable (0 = "No"; 1 = "Yes")
course_size: continuous variable
school: categorical variable (1 = "Agronomy and Veterinary"; 2 = "Social Sciences"; 3 = "Engineering"; 4 = "Psychology"; 5 = "Sciences"; 6 = "Humanities")

Prodid variables
q01_active_learning: dummy variable (0 = "No"; 1 = "Yes")
q02_external_contrib: dummy variable (0 = "No"; 1 = "Yes")
q03_progress_monitor: dummy variable (0 = "No"; 1 = "Yes")
q04_integrated_evaluation_tools: dummy variable (0 = "No"; 1 = "Yes")
q05_considering_stud_rate: dummy variable (0 = "No"; 1 = "Yes")
q06_english_use_changes_teach: dummy variable (0 = "No"; 1 = "Yes")
q07_multimedia_support: dummy variable (0 = "No"; 1 = "Yes")
q08_multimedia_production: dummy variable (0 = "No"; 1 = "Yes")
q09_online_platform_use: dummy variable (0 = "No"; 1 = "Yes")

q11_teaching_passion: ordinal variable (1 = "Fully disagree";…; 7 = "Fully agree")
q12_teaching_experience: ordinal variable (1 = "Fully disagree";…; 7 = "Fully agree")
q13_theoretical_knowledge: ordinal variable (1 = "Fully disagree";…; 7 = "Fully agree")
q14_learning_stimulate: ordinal variable (1 = "Fully disagree";…; 7 = "Fully agree")
q15_student_cooperation: ordinal variable (1 = "Fully disagree";…; 7 = "Fully agree")
q16_technologies_for_learning: ordinal variable (1 = "Fully disagree";…; 7 = "Fully agree")
q17_student_opinion_relevant: ordinal variable (1 = "Fully disagree";…; 7 = "Fully agree")
q18_single_exam_better: ordinal variable (1 = "Fully disagree";…; 7 = "Fully agree")
q19_teacher_opinion_to_ask: ordinal variable (1 = "Fully disagree";…; 7 = "Fully agree")
q20_customize_teaching: ordinal variable (1 = "Fully disagree";…; 7 = "Fully agree")
q21_english_teach_valueable: ordinal variable (1 = "Fully disagree";…; 7 = "Fully agree")
q22_coherent_syllabus: ordinal variable (1 = "Fully disagree";…; 7 = "Fully agree")
q23_adapt_teaching_to_student: ordinal variable (1 = "Fully disagree";…; 7 = "Fully agree")
q24_assessment_tools: ordinal variable (1 = "Fully disagree";…; 7 = "Fully agree")
q25_consulting_experts: ordinal variable (1 = "Fully disagree";…; 7 = "Fully agree")
q26_training_seminars: ordinal variable (1 = "Fully disagree";…; 7 = "Fully agree")
q27_discuss_teaching: ordinal variable (1 = "Fully disagree";…; 7 = "Fully agree")
q28_support_technologies: ordinal variable (1 = "Fully disagree";…; 7 = "Fully agree")
q29_research_passion: ordinal variable (1 = "Fully disagree";…; 7 = "Fully agree")
q30_research_experience: ordinal variable (1 = "Fully disagree";…; 7 = "Fully agree")

Course mean of ratings on:
md02: teacher clarity of examination procedures
md03: teacher respecting schedules of teaching activities
md04: appropriateness of the total hours devoted to teaching activities
md05: preliminary knowledge to understand the topics
md06: teacher ability to motivate students
md07: teacher clarity of the presented topics
md08: appropriateness of the recommended course material
md09: teacher availability for clarifications and explanations
md10: teacher respecting schedules of office hours
md11: usefulness of workshops, tutorials and seminars, if provided in teaching
md12: appropriateness of classrooms
md13: appropriateness of spaces and equipment for workshops
CMd14: overall level of satisfaction of the course
md15: balance between study load and assigned credits
md16: interesting contents, regardless of the course management
md17: consistency between course management and objectives
md18: provision of appropriate expertise for working