

**PARTIAL EXAM - STATISTICAL TOOLS FOR INFRASTRUCURE DESIGN - JULY 14, 2026
(ELEMENTARY STATISTICS, 1.5 CFU, M. SERVA)**

Surname _____

Given Name _____

Exercise: A sample consists of three members of the Italian Parliament. Their political career length (in years) and annual income (in tens of thousands of euros) are:

8	20	12	20	16	40
---	----	----	----	----	----

Calculate the correlation coefficient. Determine the linear regression line by the least squares method.

[illegible]

