Why some countries are wealthier than others?

Variables with highest correlation with GDP / capita

The variables listed below have a high or very high correlation with GDP / capita (data 2018):

- **% employment in K** - Financial and insurance activities (**0.75**).

- **% employment in M-N** - Prof., scientific, techn.; admin., support serv. activities (**0.74**).

- **% employment in J** - Information and communication (**0.68**).

- **% employment in O-Q** - Public admin.; compulsory s.s.; education; human health (**0.67**).

- **% employment in B-E** - Industry, including energy (**-0.65**).

- All other variables analysed indicate a correlation < 0.60.

The best overall correlation was found with the following combined variables:

$Y = 396758 * X_1 + 653437 * X_2 + 467008 * X_3 - 31028$, in **2018** (**correlation 0.88 - very high**),

$Y = 366483 * X_1 + 579831 * X_2 + 634499 * X_3 - 34368$, in **2017** (**correlation 0.88 - very high**),

$Y = 364070 * X_1 + 593249 * X_2 + 540931 * X_3 - 32685$, in **2016** (**correlation 0.89 - very high**),

where: **Y is GDP / capita**

       X_1 is % employment in K - Financial and insurance activities

       X_2 is % employment in M-N - Prof., scientific, techn.; admin., support serv. activities

       X_3 is % employment in J - Information and communication

Summary: The countries with **higher GDP / capita** have in common a **higher percentage of the population employed in the GDP chapters K, M-N and J**:

K - Financial and insurance activities: V64 - financial service activities, except insurance and pension funding; V65 - insurance, reinsurance and pension funding, except compulsory S.S.; V66 - activities auxiliary to financial service and insurance activities

M-N - Prof., scientific, techn.; admin., support serv. activities: V69 - legal and accounting activities; V70 - activities of head offices, management consultancy activities; V71 - architectural and engineering activities, technical testing and analysis; V72 - scientific research and development; V73 - advertising and market research; V74 - other professional, scientific and technical activities; V75 - veterinary activities; V77 - rental and leasing activities; V78 - employment activities; V79 - travel agency, tour operator, reservation service and related activities; V80 - security and investigation activities; V81 - services to buildings and landscape activities; V82 - office administrative and support, other business support activities

J - Information and communication: V58 - publishing activities; V59 - motion picture, video and TV programme production etc; V60 - programming and broadcasting activities; V61 - telecommunications; V62 - computer programming, consultancy and related activities; V63 - information service activities

fig. 1.38 - Correlation GDP/ capita vs. combinted variable in 2018

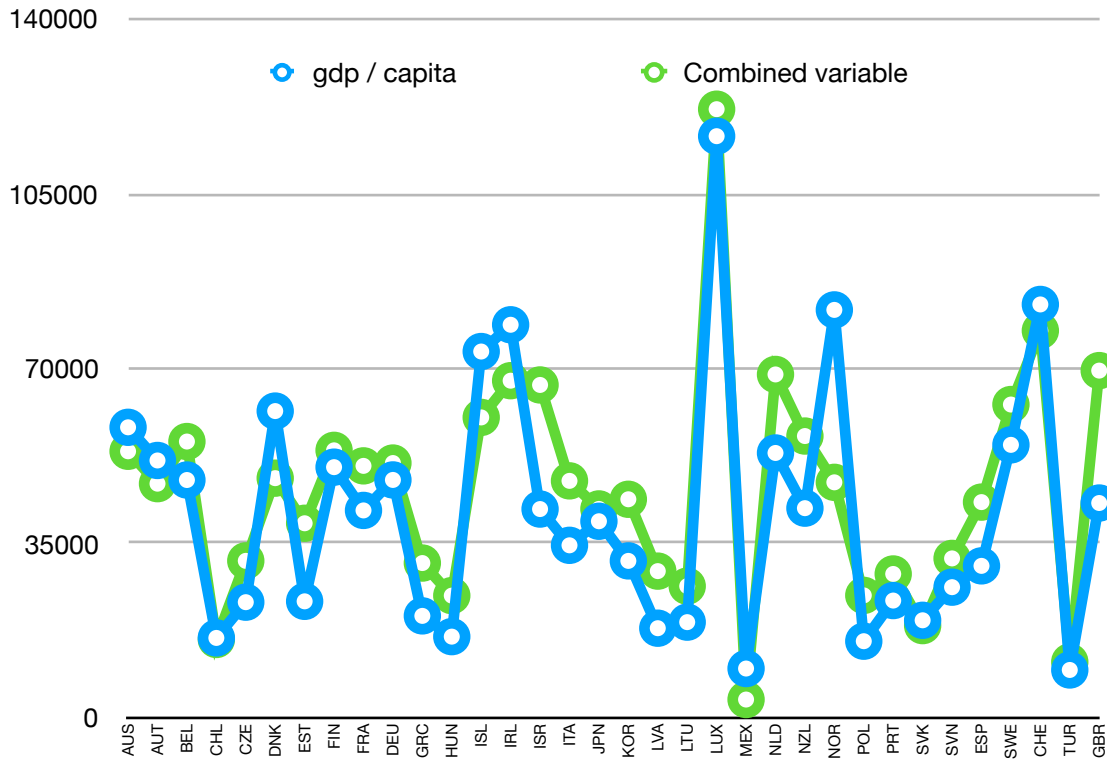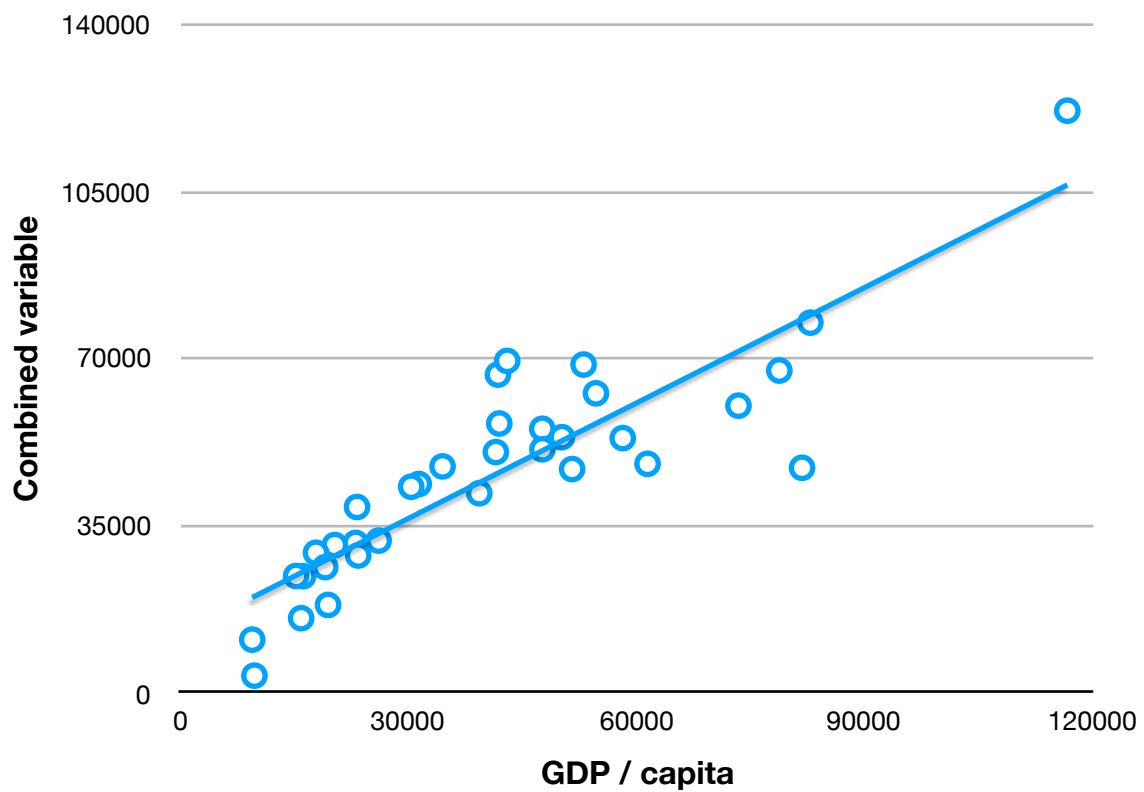**fig. 1.39 - Correlation GDP/ capita vs. combinted variable in 2018**