

Supplementary Material to:

Knowledge in the Dark: Scientific Challenges and Ways Forward

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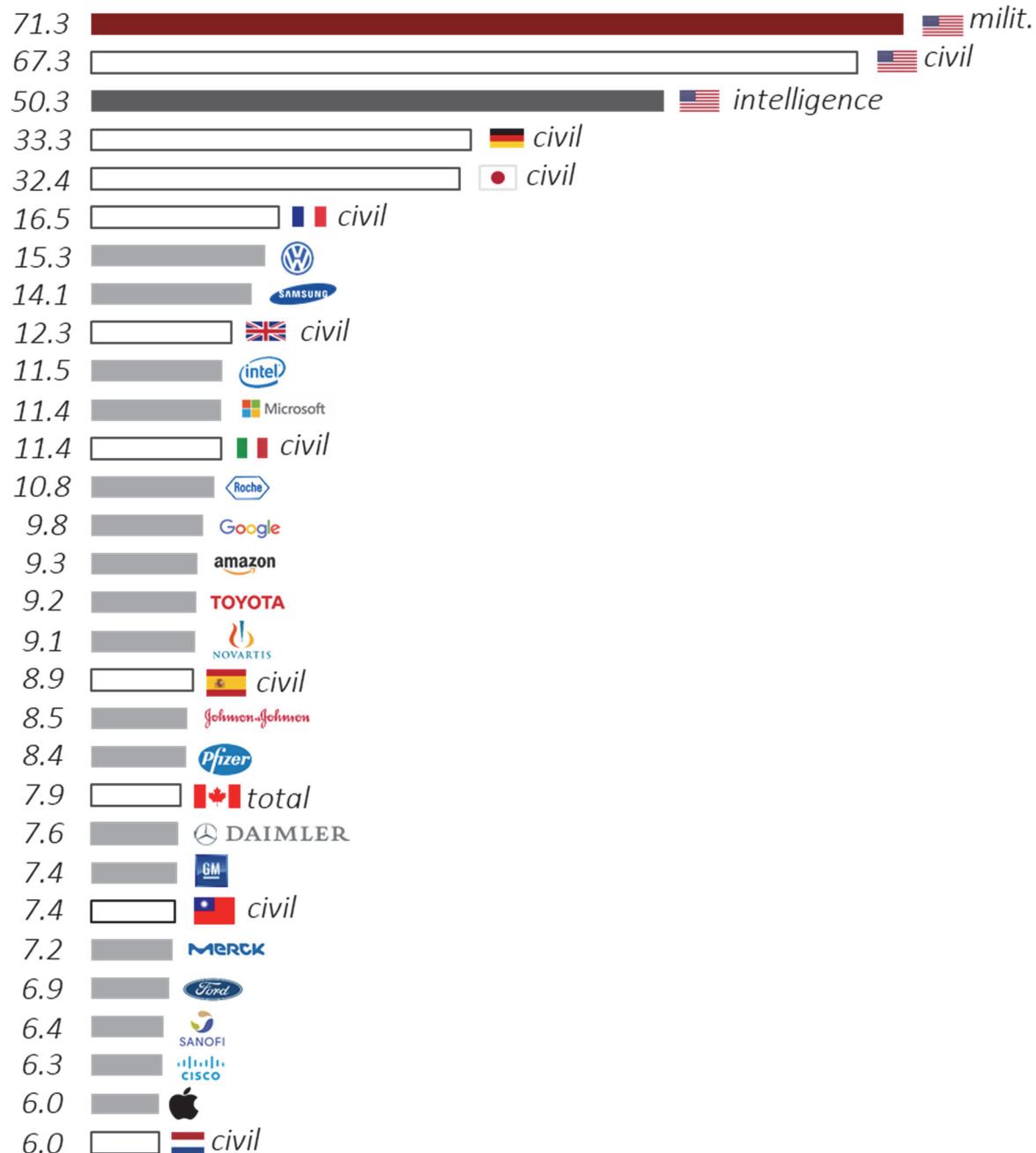


Figure S1. Selection of global top investors into research, development or intelligence in 2015: countries and companies with R&D or intelligence expenditures of 6 billion US\$ or more in 2015 where data were available to us. Expenditures of countries are divided into military, intelligence and civil (incl. universities) due to the different interests and publication strategies of these sectors (data from: ODNI 2017, OECD 2017, PWC 2017; expenditures from countries such as China or India were not available to us).

References

- ODNI. 2017. U.S. Intelligence Community Budget. <https://www.dni.gov/index.php/what-we-do/ic-budget> (accessed 9 June 2017).
- OECD. 2017. Main Science and Technology Indicators. OECD Science, Technology and R&D Statistics. <http://dx.doi.org/10.1787/data-00182-en> (accessed 7 June 2017).
- PWC. 2017. The global innovation 1000: top 20 R&D spenders 2005-2015. <https://www.strategyand.pwc.com/global/home/what-we-think/innovation1000/top-20-rd-spenders-2015> (accessed 22 September 2017).