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Additional comments about the
White Paper on Artificial Intelligence - A European Approach

- AI should not be restricted to data-driven applications. Human expertise has played a significant role in AI since its inception, and will continue do so in the future. Therefore, the definition at the top of page 2 should say: "Simply put, AI is a collection of technologies that combine **knowledge, human expertise,** data, algorithms and computing power."

- The document does not mention how AI will impact the doctor-patient relation, for better or worse. There is a risk of dehumanizing medicine, but also the potential of liberating health staff from tedious tasks and reducing human errors, and to assist people with disabilities and elderly people living alone—see the paper "How AI is humanizing health care" by MIT Technology Review Insights.

- The document does not mention how developing countries (or "low- and medium-income countries", to be politically correct) can benefit from AI transfer from Europe. In particular, AI systems for diagnosis and decision support may be extremely useful in region suffering from a serious shortage of highly- and mid-qualified health staff—see *The World Health Report 2006* (pages 8-14) by the World Health Organization.