Controversial Statements

• Big Data is not so much about the data, it’s about the people
• Big Data Software Engineering much less to do with SE than we think
• ML breaks most of the assumptions that we have about SE
• Big Data on the curriculum is it related to software engineering or analytics, business
• Big data cannot replace theories
• Big data is to become small, human readable, understandable
• Big data is a solved problem
• People that we should build big data tools for are not software engineers and don’t have the same technical skills
• Are there any differences between big and small data, given the advances in machine learning
• Sometimes you want to the more simple thing for big data architectures
• Should big data be verified? / How can we use it for verification
• The research behind big data has already been solved in the past we now make it available for anyone
• All the good standards for data management have been forgotten
• What is the role for academic people in a context where technology is moving so fast?
• Can machine learning improve process of programming, make it more intelligent.
• The target for big data research is not the people who do CS, it’s the people who have the data
• Are we software engineers trying to steal research from data engineers, or is it the other way around
• Big data is a context sensitive problem.
• Big data calls for sophisticated visualization
• You can’t improve what you can’t measure, how to best visualize numbers to improve
• The outcomes from big data should be available to individuals, not just companies/organizations
• Big data is hype. It’s no real research. It’s more connected to industry
• Minimize the complexity of big data infrastructures
• Most of the software we have to write have already been written, we need intelligent ways to combine
• What is the role of SE in big data applications. How can we trust the results? Are existing testing techniques transferable?
• Bigger data is not always better
• Big Data Software Engineering, which is more important: Big Data or the Software Engineering

• Big Data in Software Engineering is not big enough

• Are the software engineering problems in big data?

• Without big data, companies are blind. Is there room for research on self adaptive systems in big data.

• Big data has set back us years. Allows us to take shortcuts and ignore science.

• We need a reference curriculum for BIGDSE
• Quality assurance techniques will break if we use big data to drive decisions
• Big data challenges code encapsulation. Requires code *AND* data encapsulation
• How can big data help software engineering?
• Big data is not only about analytics and infrastructure, whole dark area of building applications on big data. Major role for software engineering.
• Why are software engineers doing big data?