Round Table Discussion

Statistics and Data Science: "The hype is over – when are statisticians needed again?"

EFSPI 10th Statistical Leaders Meeting

July 4, 2019

Background

- Data Science has become the term to capture activities/techniques/methods such as Machine Learning, Deep Learning, AI, etc.

- Many of the techniques employed in AI have been there for a long time (>25 years)

- But uptake of AI is seen due to:
  - explosion of data availability in the health sciences recently (wearables, sensors, IoT, omics)
  - entry of Big Tech Companies in Health Ecosystem

- AI is becoming mainstream,

- but has its issues in regulated drug/device area (e.g., reproducibility)
  - SaaD: Software as a Device

- Are (CT) Statisticians part of it?

- Should they?

Gartner Hype Cycle

Statistics and Data Science: "The hype is over – when are statisticians needed again?"

40 mins. Discussion

➤ Where are we now on the Hype Cycle ?

➤ Is this an important topic for yourself and why?

➤ What do we need to do to solve/implement it?

Summary for 5–7 mins. plenary feedback

➢ Is this an important topic for yourself and why?
-
-
-

➢ What do we need to do to solve/implement it?
-
-
-