Can a framework be constructed for biomedical engineers to help them in their research?

* How does the available data influence the choice for a certain research approach?
  + Multidimensionality
  + Data set size
  + Data Integration
  + Missing values ()
* How does the research goal influence the choice for a certain research approach?
  + Modelling
  + Data Mining
* Which available research programs should be discussed in this framework?
  + Known programs
  + Programs that excel in their job
* Which data analysis approaches are known and used by biomedical engineers?

<http://delivery.acm.org/10.1145/3020000/3012335/p1-han.pdf?ip=131.155.59.38&id=3012335&acc=ACTIVE%20SERVICE&key=0C390721DC3021FF%2EECCBF8AC29DF345E%2E4D4702B0C3E38B35%2E4D4702B0C3E38B35&CFID=828937043&CFTOKEN=54650131&__acm__=1510584570_fb40075dbd50b81fdb89cb99e962938d>

### [Data analysis and data mining: current issues in biomedical informatics](https://methods.schattauer.de/en/contents/archivestandard/issue/special/manuscript/17034/download.html)

<https://link.springer.com/content/pdf/10.1007%2Fb135955.pdf>

<https://jamanetwork.com/journals/jama/article-abstract/1883026>

<http://online.liebertpub.com/doi/abs/10.1089/cmb.1995.2.557>

<https://dl.acm.org/citation.cfm?id=1316794>

Very useful: <https://academic.oup.com/bib/article-lookup/doi/10.1093/bib/bbx044#81847657>

<https://www.ncbi.nlm.nih.gov/pubmed/26409508>

<https://www.ncbi.nlm.nih.gov/pubmed/26357313>

<https://www.ncbi.nlm.nih.gov/pubmed/24494442>

<https://www.ncbi.nlm.nih.gov/pubmed/28481991>

+31639087937