

# Meeting 22/01/2020

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## Summary

- Update paper concept to refer to:
  - Introduction:
    - \* Consensus clustering + (R package);
    - \* Bagging - concept of an ensemble of weak learners performing really well.
  - Discussion:
    - \* In problems acknowledge lack of theoretical argument, but point out effectiveness of machine learning techniques such as ensemble methods and bagging and their empirical worth.
- Move to MATLAB code entirely (suspicious of high Phi values and of command line code generally);
- Transfer Gaussian mixture component to Paul's MATLAB;
- Test this - check derivations in code and test on MDI test data from original MDI paper;
- Apply to TGCA data as manipulated for the BCC paper; and
- Apply to Pan-Cancer dataset (to receive from Paul).