Reptile Tornadoes

- Onset Detection
  - Went with HFC content as over the given data we found it gave us a 5-6% higher F-measure than using Spectral Difference.
  - Tested lots of different weighting structures and found that a linear structure gave us the best results
- Tempo Extraction
  - Used the IOI approach as it seemed to give fairly accurate results and was not complicated to implement
  - If we had a much higher accuracy onset detector would be more accurate
- Beat Detection
  - Attempted to correlate list of onsets with beat train by iterating through songs in "lag" chunks. Seemed to align well but again I think the issues was a less accurate beat detector