**Overview thesis**

**Abstract**

**Thesis**

**Introduction**

**Terminology:** 893 words

**Background:** 1524 words

**Motivation:** 731 words

**Merger trees** 684 words

**Related work** 844 words

**Critic of paper 2 and 3** 2048 words

**Data:**

* Data explanation 1394 words
* Data analysis 730 words
* Data preproceccing 4900 words
* My choices 755 words

**Evaluation:**

* Evaluation: 779 words
* KS test: 889 words
* Structural consistency
* Complexity
* Monotonicity
* Data consistency - baseline 931 words

**basics:**

* Generative models 583 words
* AE 310 words
* VAE 594 words
* GAN 1602 words
* Diffusion model 4342 words

**Experiments:**

* Training GAN (reproduction) 3289 words
* GAN reproduction 3079 words

**Discussion**

**Conclusion**

**Summary**

**Total words = 32 453 words**