## Loss Landscape Visualization Report for the Seminar on Optimization and Neural Architecture Search

## 27. Januar 2021

## **Abstract**

Neural networks have emerged as powerful function approximators with large parameter sets. These parameters are optimized according to a loss function. Many assumptions have been made about the shape of this loss landscape. However, only recently qualitative and empricial studies have been conducted.

## Introduction

**Related Work** 

Methods

**Linear Interpolation** 

**Filter Normalization** 

**Results** 

**Conclusions**