

xSiLU: Expanded Gating Ranges

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Abstract

We investigate expanding SiLU activation gating ranges in transformers.

1 Introduction

We explore expanding SiLU activation gating ranges.

2 Method

Added learnable parameter α to SiLU.

3 Results

Ablation: 5.665 vs 5.806. Full: 5.115 vs SwiGLU 4.9266.