모델 비교 분석 보고서

모델 리스트

1. v5n\_2442 vs v5n\_4664

Bottleneck 수만 차이가 있음.

V5n\_4664 가 v5n\_2442 보다

Npu/gpu : 5.97%

Npu map : 3.9%

Gpu map : 1.1%

1. v8n\_2442 vs v8n\_4664

Bottleneck 수만 차이가 있음.

V8n\_4664 가 v8n\_2442 보다

Npu/gpu : 6.79%

Npu map : 4%

Gpu map : 0.39%

1. v5n\_b8n5\_4664 vs v5n\_b8n5\_2442

Bottleneck 수만 차이가 있음.

v5n\_b8n5\_4664 가 v5n\_b8n5\_2442보다

Npu/gpu : 2.4%

Npu map : 1.2%

Gpu map : 0.36%

1. v8n\_b5n8\_2442 vs v8n\_b5n8\_4664

Bottleneck 수만 차이가 있음.

V8n\_b5n8\_4664 가 V8n\_b5n8\_2442 보다

Npu/gpu : -1.46%

Npu map : -0.9%

Gpu map : -0.1%

1. v5n\_ 2442 vs v8n\_2442

v5n\_ 4664 vs v8n\_4664

v5n vs v8n -> C3 vs C2f

* 4664 :
  + Npu/gpu : 0.6%
  + Npu map : - 0.1%
  + Gpu map : - 0.6%
* 2442 :
  + Npu/gpu : 1.29%
  + Npu map : 0%
  + Gpu map : - 1.31%

v5n\_2442 vs v8n\_4664 / v5n\_4664 vs v8n\_2442

-> C3 + 2442 vs C2f + 4664 / C3 + 4664 vs C2f + 2442

* C2f + 4664 vs C3 + 2442:
  + Npu/gpu : 5.5%
  + Npu map : 4%
  + Gpu map : 1.7%
* C3 + 4664 vs C2f + 2442 :
  + Npu/gpu : 7.26%
  + Npu map : 3.9%
  + Gpu map : - 0.21%

1. v5n\_ b8n5\_2442 vs v8n\_b5n8\_2442

v5n\_ b8n5\_4664 vs v8n\_b5n8\_4664

v5n\_b8n5\_2442 vs v8n\_b5n8\_2442

/ v5n\_b8n5\_4664 vs v8n\_b5n8\_4664

-> (bC2f + nC3) + 2442 vs (bC3 + nC2f) + 2442

/ (bC2f + nC3) + 4664 vs (bC3 + nC2f) + 4664 :

* 2442 :
  + Npu/gpu : 0.12%
  + Npu map : 0.3%
  + Gpu map : 0.07%
* 4664 :
  + Npu/gpu : 3.93%
  + Npu map : 2.4%
  + Gpu map : 0.62%

v5n\_b8n5\_2442 vs v8n\_b5n8\_4664

/ v5n\_b8n5\_4664 vs v8n\_b5n8\_2442

-> (bC2f + nC3) + 2442 vs (bC3 + nC2f) + 4664

/ (bC2f + nC3) + 4664 vs (bC3 + nC2f) + 2442 :

* : (bC2f + nC3) + 2442 vs (bC3 + nC2f) + 4664
  + Npu/gpu : 1.58%
  + Npu map : 1.2%
  + Gpu map : 0.26%
* bC2f + nC3) + 4664 vs (bC3 + nC2f) + 2442 :
  + Npu/gpu : 2.47%
  + Npu map : 1.5%
  + Gpu map : 0.43%
* V8n\_b5n8\_2442 vs v8n\_2442
  + Npu/gpu : 2.27%
  + Npu map : 0.8%
  + Gpu map : -0.83%
* V8n\_b5n8\_4664 vs v8n\_4664
  + Npu/gpu : -5.98%
  + Npu map : -4.1%
  + Gpu map : 1.41%
* V8n\_b5n8\_2442 vs v8n\_4664
  + Npu/gpu : -4.52%
  + Npu map : -3.2%
  + Gpu map : -1.22%
* V8n\_b5n8\_4664 vs v8n\_2442
  + Npu/gpu : 0.81%
  + Npu map : -0.1%
  + Gpu map : -1.02%
* V5n\_b8n5\_2442 vs v5n\_2442
  + Npu/gpu : 1.1%
  + Npu map : 1.1%
  + Gpu map : 0.55%
* V5n\_b8n5\_4664 vs v5n\_4664
  + Npu/gpu : -2.52%
  + Npu map : -1.6%
  + Gpu map : -0.19%
* V5n\_b8n5\_2442 vs v5n\_4664
  + Npu/gpu : -4.87%
  + Npu map : -2.8%
  + Gpu map : -0.55%
* V5n\_b8n5\_4664 vs v5n\_2442
  + Npu/gpu : 3.45%
  + Npu map : 2.3%
  + Gpu map : 0.91%