

Output size prediction

Abstraction and Reasoning Corpus (ARC)

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ARC dataset - input vs output

66.5%

Same size

532 tasks / 800 tasks

33.5%

Different size

268 tasks / 800 tasks

Invoke 'arc-size' with a path to a task

Returns json with the predicted width and height

```
PROMPT> loda-rust arc-size ARC/data/evaluation/fea12743.json  
{"test": [{"output_size": {"width": 11, "height": 16}}]}
```

```
PROMPT> loda-rust arc-size ARC/data/training/d5d6de2d.json  
{  
  "test": [  
    {"output_size": {"width": 10, "height": 10}},  
    {"output_size": {"width": 25, "height": 25}}  
  ]  
}
```

92.5%

Correct predictions about output size

740 tasks / 800 tasks, ARC dataset

7%

Unable to make predictions

56 tasks / 800 tasks, ARC dataset

0.5%

Incorrect predictions

4 tasks / 800 tasks, ARC dataset