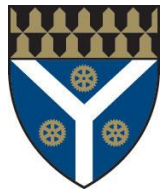





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RESULTS

Diffuse




Dimensionality Reduction Plot

Dim 2

Dim 1

- ## Cyclic



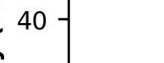
Dimensionality Reduction Plot

Dim 2

Dim 1

MANUAL CLASSIFICATION WEBSITE

Classification Accuracy

- 
- A bar chart comparing the accuracy of two models. The y-axis is labeled 'Accuracy (%)' and ranges from 0 to 40. The x-axis has two categories: 'Random Baseline' and 'Our Classifier'. The 'Random Baseline' bar is grey and has a value of 14.3% above it. The 'Our Classifier' bar is dark blue and has a value of 40.43% above it. A yellow arrow points from the 40.43% value to the blue bar, with a '2.9x' multiplier next to it.
- | Model | Accuracy (%) |
|-----------------|--------------|
| Random Baseline | 14.3% |
| Our Classifier | 40.43% |

NEXT STEPS

- Scale labeled data
- Integrate with multi-agent orchestration

The diagram illustrates the Geomancer system architecture and workflow. On the left, the Geomancer logo features a stylized figure with a crystal ball and the word "GEOMANCER" below it.

The central workflow is shown as a sequence of steps:

- Data**: Represented by a stack of brown document icons.
- Archives**: A box containing a document icon and a red "X" mark.
- Intermediate Representations**: A box containing a document icon with a green highlight and a red "X" mark.
- Complete Results**: A box containing a document icon with a green highlight and a red "X" mark.

 Arrows indicate the flow from Data to Archives, then to Intermediate Representations, and finally to Complete Results.

Below the workflow, the steps are labeled:

- operation_1 → step_1, step_2 → step_3**

On the right, a box titled "Per-ontology semantic priors" contains a list of semantic priors:

- `data_1 = mems_12, mems_216, mems_216, mems_216`
- `data_2 = mems_12, mems_216, mems_216, mems_216`
- `data_3 = mems_12, mems_216, mems_216, mems_216`

Below this, a box titled "Data" shows three types of input data:

- Reels Graph**: A circular graph with yellow nodes and edges.
- Diffusion Curvature**: A circular graph with red nodes and edges.
- Human**: A circular graph with blue nodes and edges.

The workflow continues from the Data box to a box labeled "Human", which contains a document icon with a green highlight and a red "X" mark. An arrow points from the Human box back to the Data box, labeled "Feedback".

- 53 geometric features (density, entropy, topology)
- ML classifier (SVM with RBF kernel)
- Leave-one-out validation