

# NeuroData SIMPLEX Report: February 2017

The following report documents the progress made by the labs of PI Joshua T. Vogelstein and Co-PIs Randal Burns and Carey Priebe at Johns Hopkins University towards goals set by the DARPA SIMPLEX grant.

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# 1 Bibliography

## Manuscripts

[1] J. T. Vogelstein, “Paper with a cool title,” 2017.

## Invited Talks

[1] J. T. Vogelstein, “Talk with a cool title,” SIAM, JSM, NIPS, ???, Jan 2017.

## Conferences

[1] J. T. Vogelstein, “Poster with a cool title,” SIAM, JSM, NIPS, ???, Jan 2017.

## 2 Data: What's in the Cloud

## 3 Statistical Theory and Methods

### 3.1 LOL

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Figure 1: Please provide a detailed caption for your figure.

### 3.2 RerF

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Figure 2: Please provide a detailed caption for your figure.

### 3.3 MGC

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Figure 3: Please provide a detailed caption for your figure.

## 4 Scalable Algorithm Implementations

### 4.1 FlashX

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Figure 4: Please provide a detailed caption for your figure.

### 4.2 ndstore

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Figure 5: Please provide a detailed caption for your figure.

### 4.3 ndviz

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Figure 6: Please provide a detailed caption for your figure.



Figure 7: Please provide a detailed caption for your figure.

#### 4.4 knor

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## 5 Scientific Pipelines: Infrastructure & Dataset Specific Progress

### 5.1 ndstore

### 5.2 ndviz

### 5.3 MRI

### 5.4 CLARITY

### 5.5 Ophys

## References