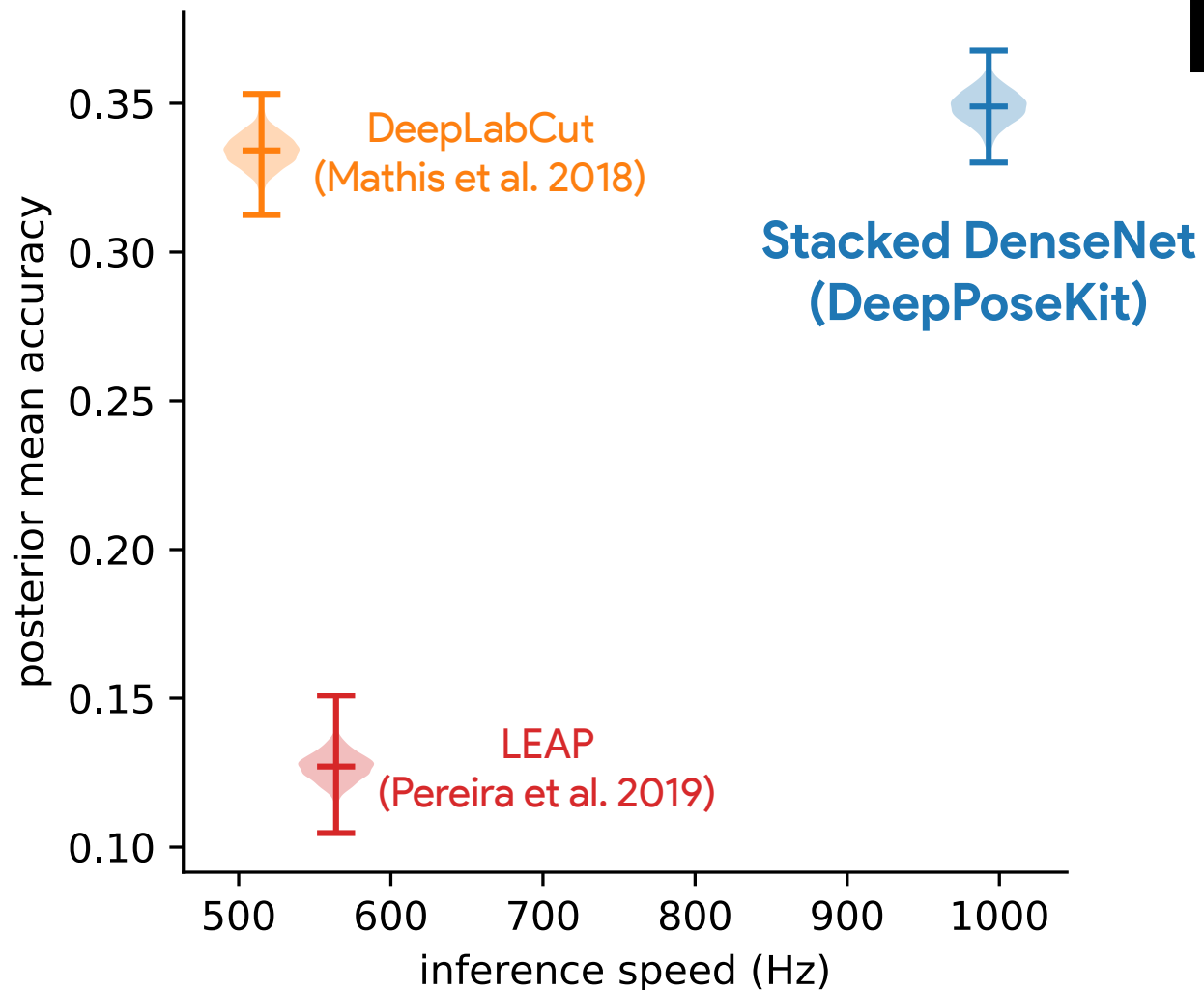


a**b**

```
# initialize, train, and save a model
from deepposekit.io import TrainingGenerator
from deepposekit.models import StackedDenseNet

generator = TrainingGenerator('path/to/data.h5')
model = StackedDenseNet(generator)
model.fit(batch_size=16, n_workers=8)
model.save('path/to/model.h5')

# load the model and run inference on new data
from deepposekit.models import load_model

model = load_model('path/to/model.h5')
new_data = load_new_data('path/to/new/data')
predictions = model.predict(new_data)
```