

```
import numpy as np
import gstools as gs
# 100 data points with x, y between 0 and 50
x, y, field = np.loadtxt("boxcox.txt")
# fit box-cox normalizer and estimate variogram
bin_center, gamma, normalizer = gs.vario_estimate(
    (x, y), field,
    normalizer=gs.normalizer.BoxCox,
    fit_normalizer=True)
# fit matern model
model = gs.Matern(dim=2)
model.fit_variogram(bin_center, gamma, nugget=0)
# normalize field values
norm_field = normalizer.normalize(field)
```

