

```
import gstools as gs
model = gs.Exponential(
    dim=2,          # 2D model
    var=3.0,        # variance
    len_scale=10.0, # main length scale
    nugget=0.5,     # nugget
    anis=0.5,       # transversal anisotropy
    angles=3.1415/4, # 1/8 turn
)
ax = model.plot("variogram")
ax = model.plot("covariance", ax=ax)
ax = model.plot("correlation", ax=ax)
```

