**Purpose:** Grid calculations based on ordinary (simple) kriging for contour.gen.r family of functions, specifically called within image.prep.r function. This is used to interpolate maps of various covariates (e.g. meat weights, Biomass, Abundances, condition, etc).

Notes:

* If this isn’t used anywhere other than within image.prep.r (which seems likely) this little snippet of code could easily be run soley within image.prep.r.

**Version Control:** Likely many versions of this function

**Libraries**:, gstat

**Function Arguments Summary**

1. **vdata**: The covariate data used to perform the kriging with X/Y locations of the covariate metric.
2. **gdata**: The grid of X and Y values to extrapolate the kriging results across

**Section 1**

Simple function which performs ordinary/simple kriging of a covariate across X/Y space.

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