

Appendix 8. Graphs Showing Variogram Models

Graphs showing the sample variogram and fitted theoretical variogram model of selected constituents measured for in water samples from wells in the Idaho National Laboratory water-quality aquifer monitoring network and averaged over the period from 1989 through 2018. Numbers next to symbols refer to the number of sampled data pairs in a lag-distance interval.

EXPLANATION

- + Sample variogram
- Theoretical variogram

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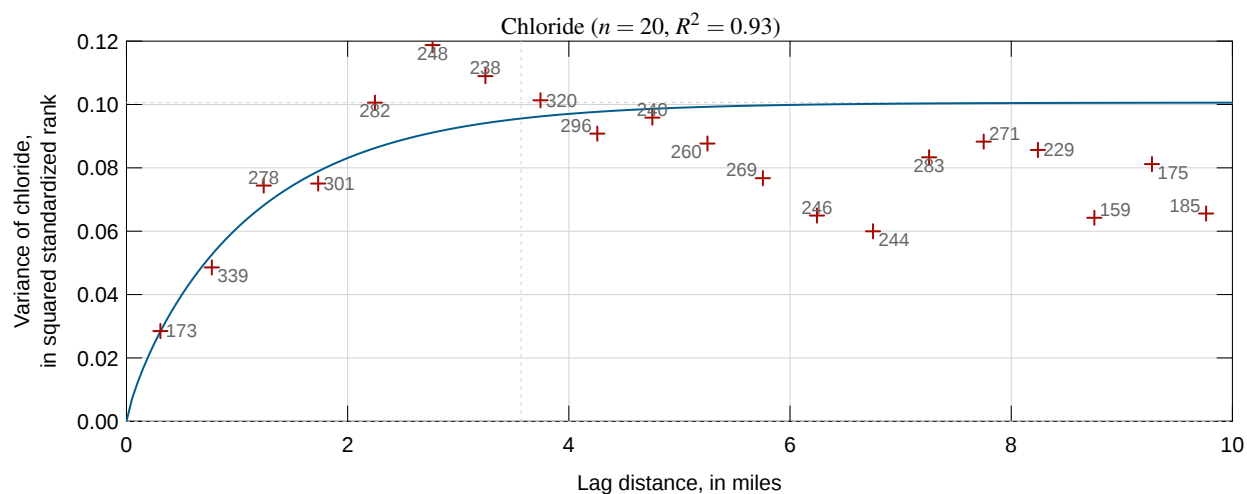


Figure 8.1. Variogram analysis of chloride transformed into standardized rank space.

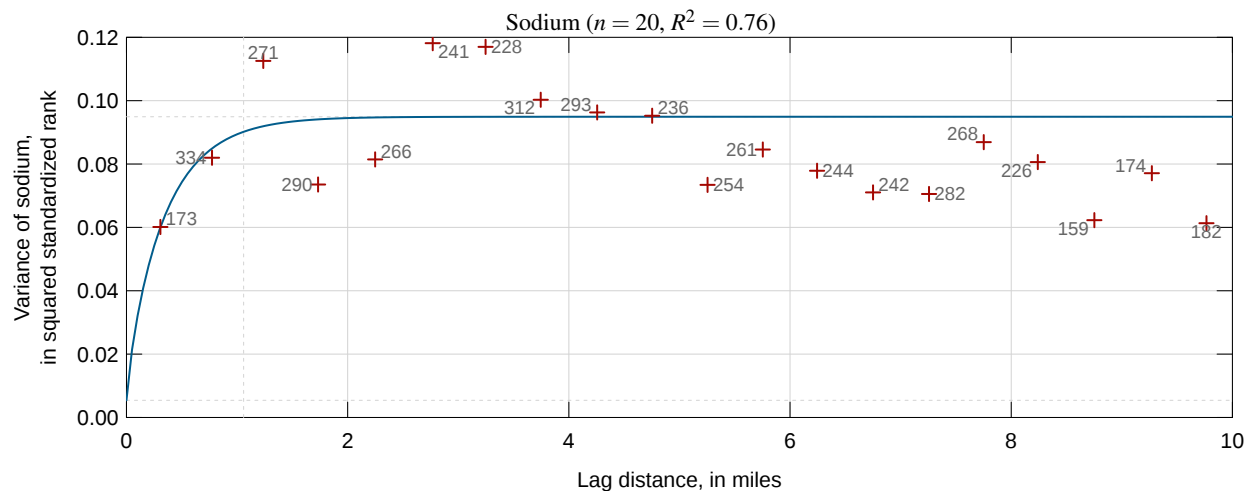


Figure 8.2. Variogram analysis of sodium transformed into standardized rank space.

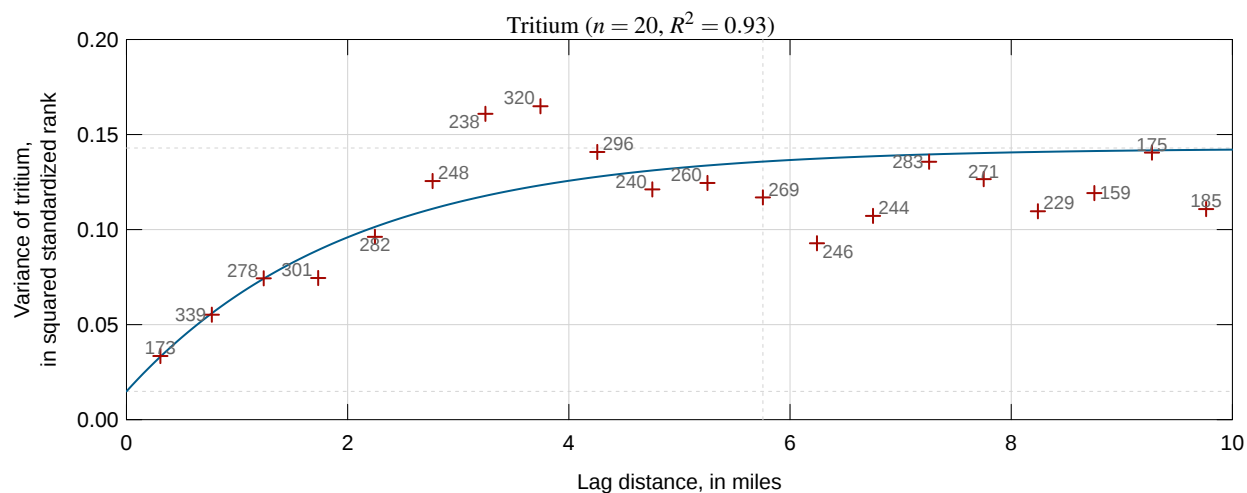


Figure 8.3. Variogram analysis of tritium transformed into standardized rank space.

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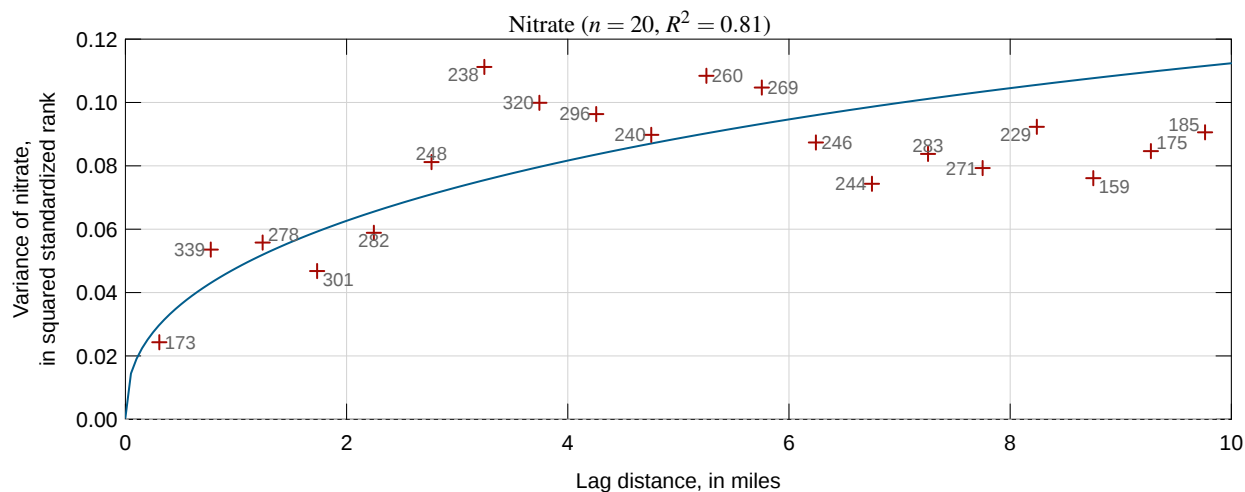


Figure 8.4. Variogram analysis of nitrate transformed into standardized rank space.

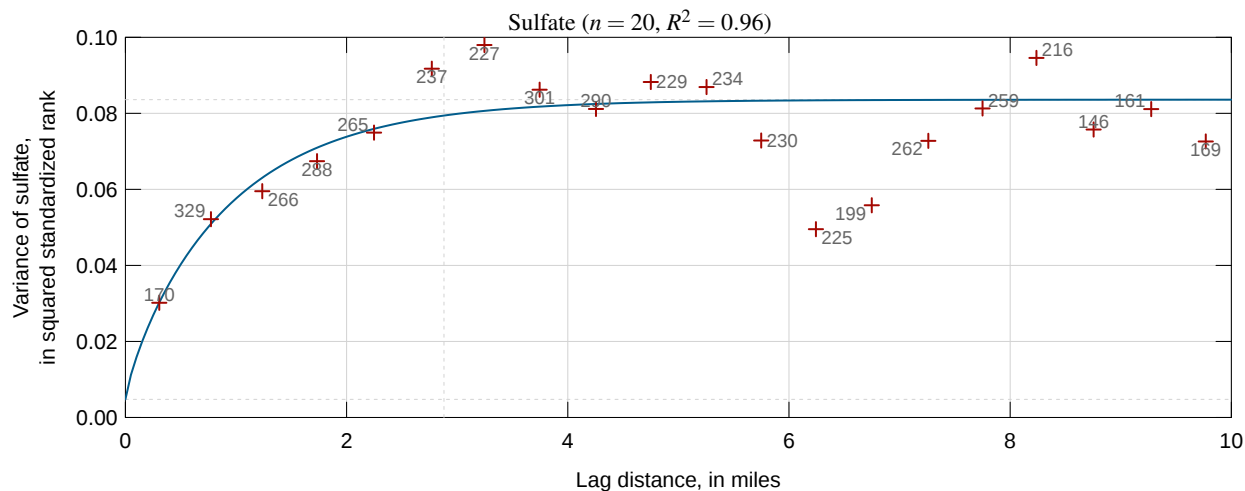


Figure 8.5. Variogram analysis of sulfate transformed into standardized rank space.

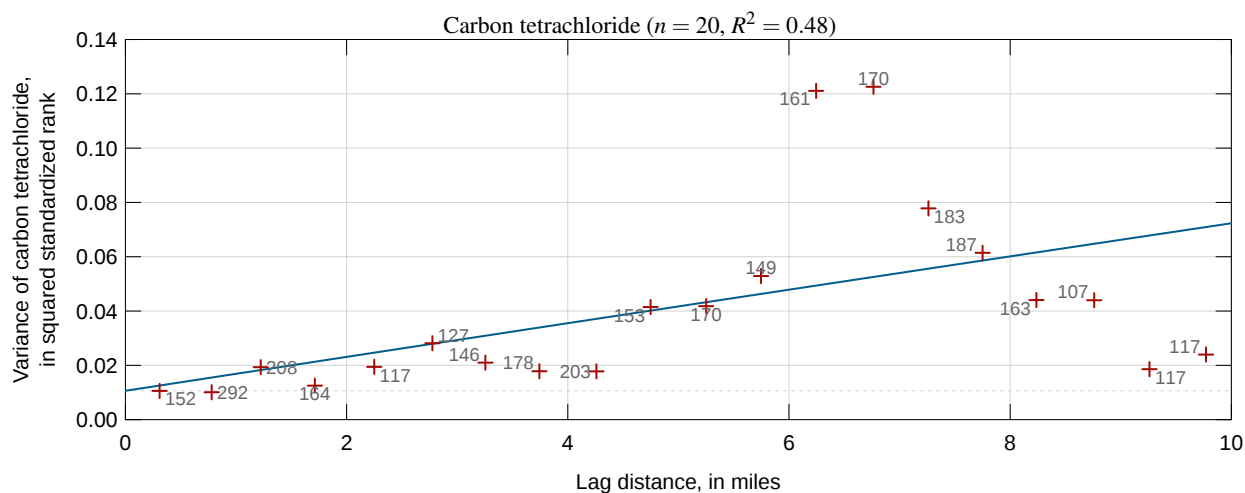


Figure 8.6. Variogram analysis of carbon tetrachloride transformed into standardized rank space.

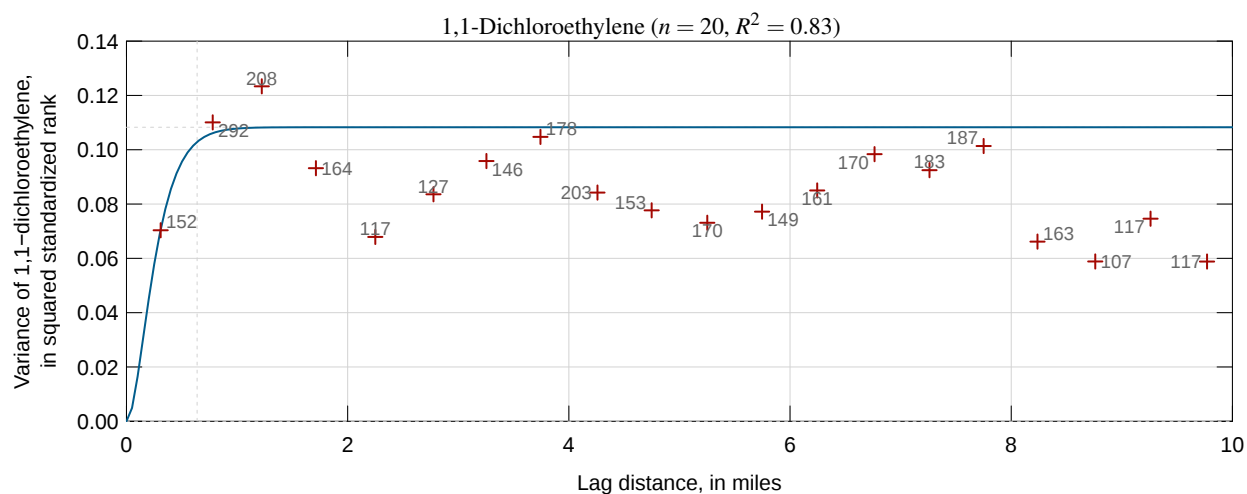


Figure 8.7. Variogram analysis of 1,1-dichloroethylene tranformed into standardized rank space.

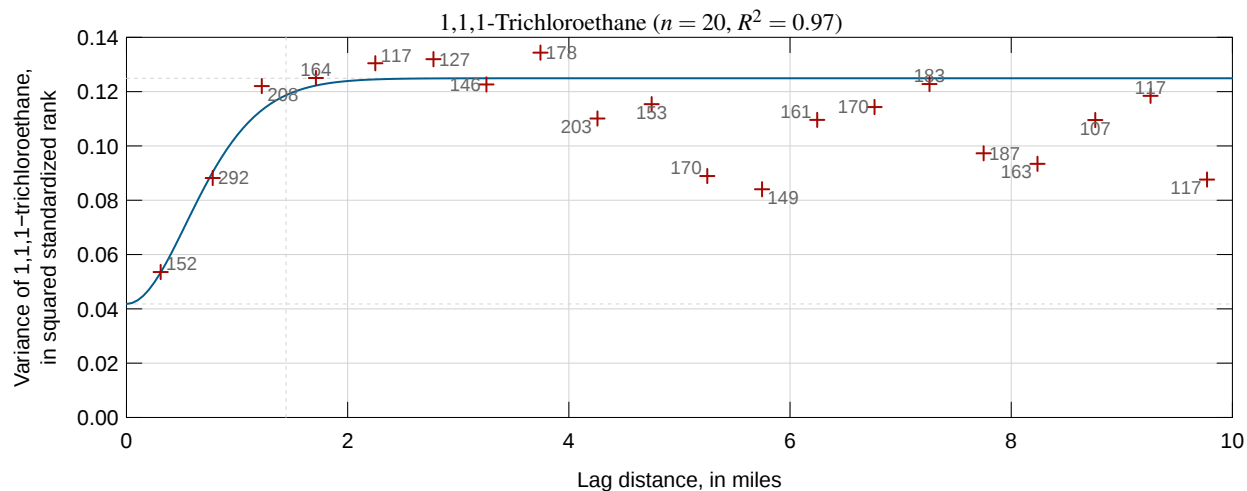


Figure 8.8. Variogram analysis of 1,1,1-trichloroethane tranformed into standardized rank space.

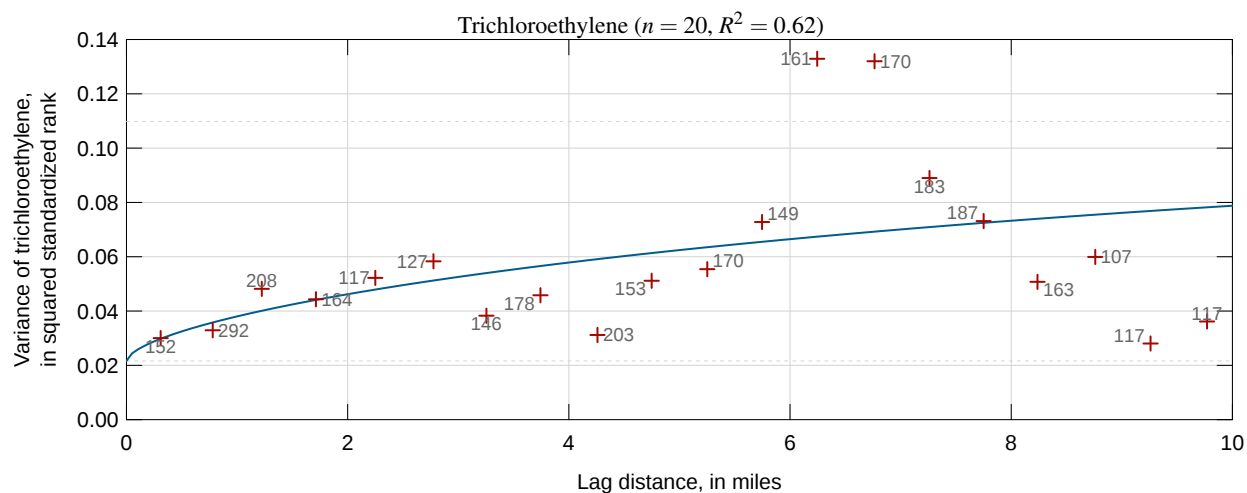


Figure 8.9. Variogram analysis of trichloroethylene tranformed into standardized rank space.

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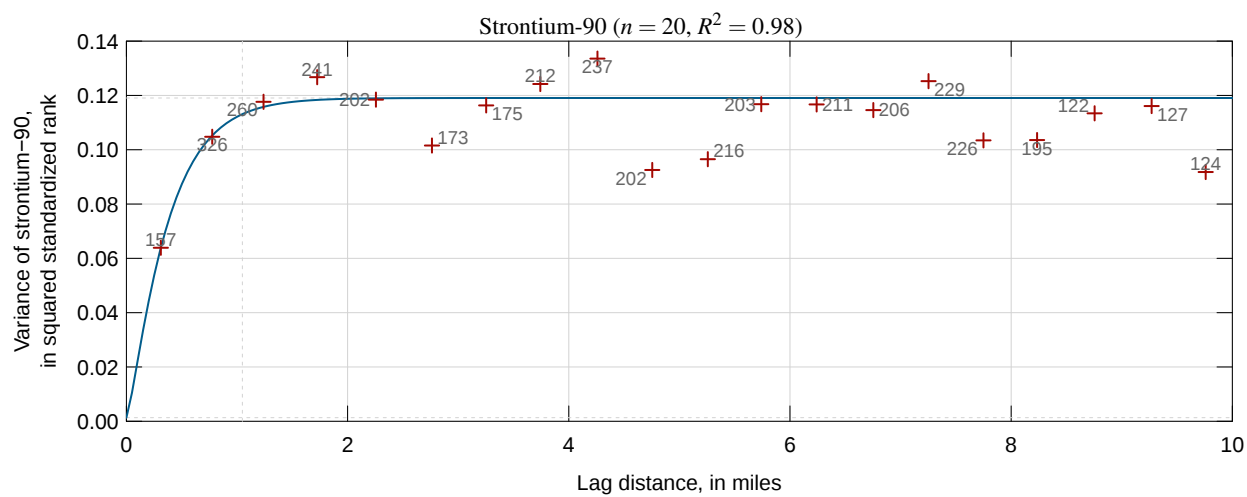


Figure 8.10. Variogram analysis of strontium-90 tranformed into standardized rank space.