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| If the trend in your data follows either of these patterns, you could try fitting this regression function:  μY=β0+β1e−x  to your data. | y vs x plot |
| Or, if the trend in your data follows either of these patterns, you could try fitting this regression function:  μY=β0+β1(1/x)  to your data. (This is sometimes called a "reciprocal" transformation.) | y vs x plot |
| Or, if the trend in your data follows either of these patterns, try fitting this regression function:  μlnY=β0+β1x  to your data. That is, fit the model with *ln*(*y*) as the response and *x* as the predictor. | y vs x plot |
| Or, try fitting this regression function:  μY=β0+β1ln(x)  if the trend in your data follows either of these patterns. That is, fit the model with *y* as the response and *ln*(*x*) as the predictor. | y vs x plot |
| And, finally, try fitting this regression function:  μlnY=β0+β1ln(x)  if the trend in your data follows any of these patterns. That is, fit the model with *ln*(*y*) as the response and *ln*(*x*) as the predictor. | y vs x plot |