

# DYNR

## DYNAMIC MODELING IN R

### Getting Started

<code>dynr.data()</code>	9.00
Gather your data	
<code>getdx()</code>	9.95
Explore and estimate smoothed derivative estimates	

### Preparing the Main Course

<code>prep.measurement()</code>	19.99
This function can be used to prepare the measurement model	
<code>prep.matrixDynamics()</code> or <code>prep.formulaDynamics()</code>	8.90
These functions can be used to prepare the dynamic model	
<code>prep.initial()</code>	10.70
This function is used to set initial conditions	
<code>prep.noise()</code>	10.70
This function prepares the noise covariance matrix	
[ <i>Optional</i> ] <code>prep.regimes()</code>	15.99
Use this if your data has multiple regimes in it	
<code>dynr.model()</code>	10.70
Combine the previous steps; for use with <code>dynr.cook()</code>	
<code>dynr.cook()</code>	29.99
Our main course; use this to run all the previous functions.	
Can be subbed with <code>dynr.mi()</code> , see below	
[ <i>Alternative</i> ] <code>dynr.mi()</code>	19.93
Select this instead of <code>dynr.cook()</code> if your data are missing	
This will return a <code>dynr.cook()</code> object and other goodies	

### Desserts

<code>summary()</code>	5.99
<code>plot()</code> or <code>dynr.ggplot()</code>	10.99
<code>plotFormula()</code>	19.99
<code>printex()</code>	14.99

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\*Prices are arbitrary and are only to keep the pun going. Click the prices to be redirected to a webpage containing more information on that function.