

# R Coding Stratbook

## Matrix Operations

Operation	In R	Example
Matrix multiplication	<code>%*%</code>	<code>X %*% beta</code>
Transpose	<code>t()</code>	<code>t(X)</code>
Elementwise addition/multiplication/exponentiation	Just use <code>+</code> , <code>*</code> , <code>exp()</code> , <code>log()</code> , etc.	<code>exp(Xbeta)</code> , <code>X + 1</code>