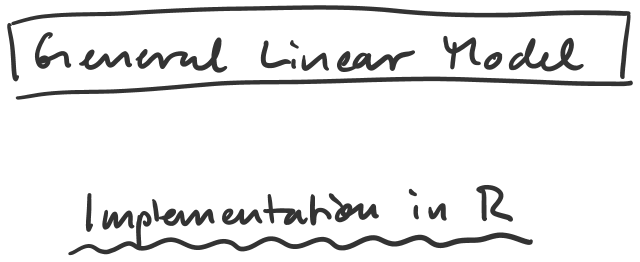
**Notes for video 9.2.:** <http://tinyurl.com/rr480/video/lm-dummy>



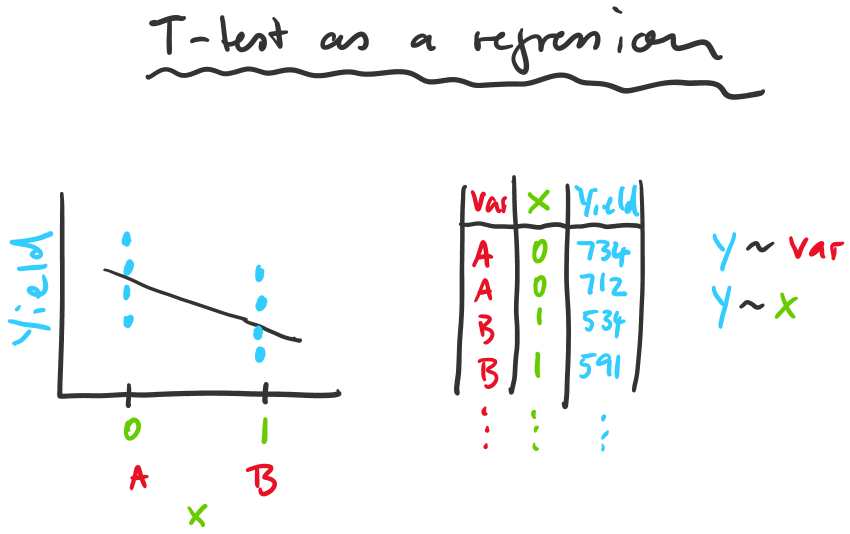
**out1 = lm(Y ~ X, data = dat1)**

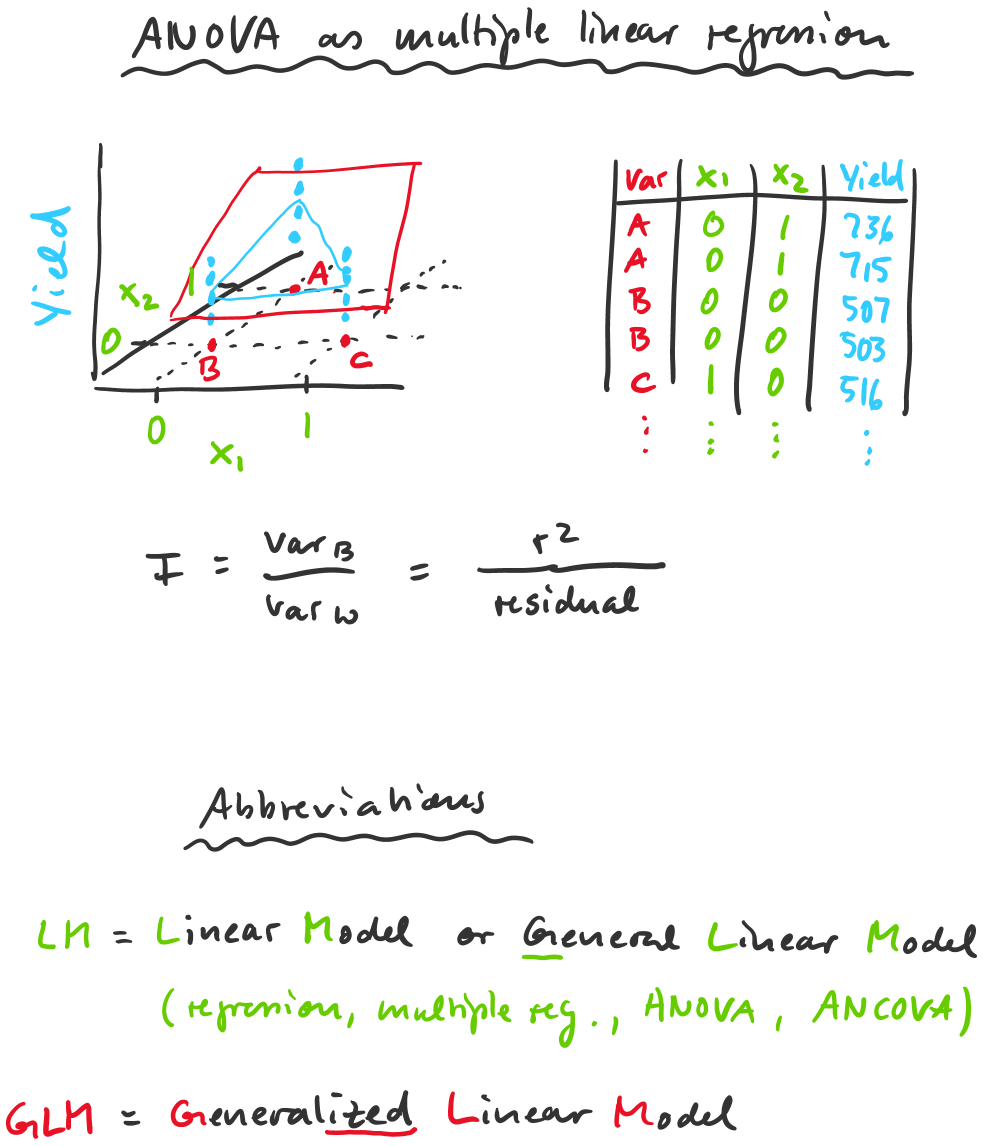
**summary(out1)**

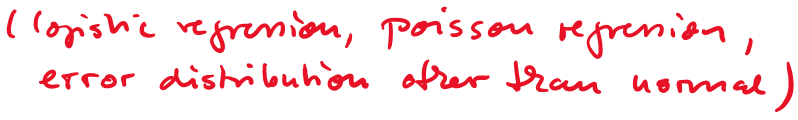
**predict(out1, data = dat2)**

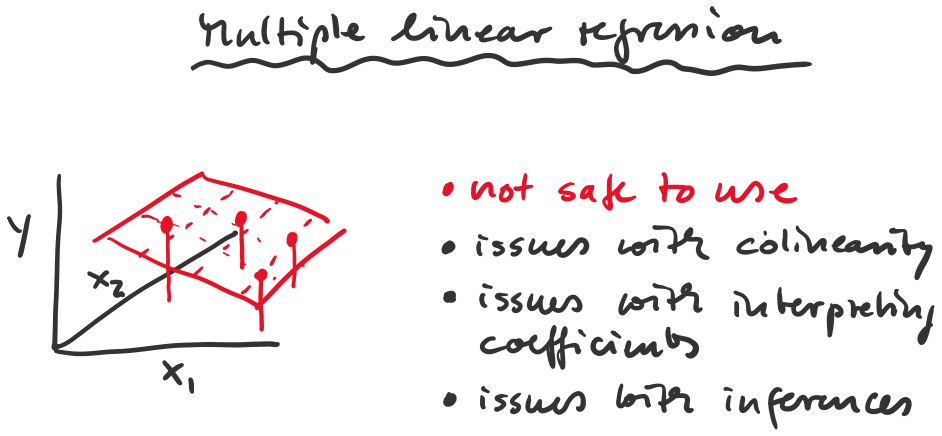
**out2 = lm(Y ~ X1 + X2)**

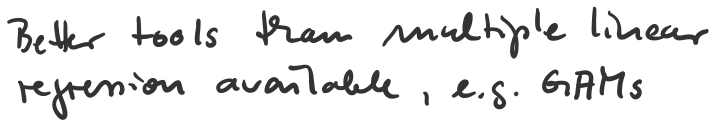
**summary(out2)**













|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  | C:\Users\ahamann\AppData\Local\Temp\msohtmlclip1\02\clip_image002.png |  |  |
|  |  | C:\Users\ahamann\AppData\Local\Temp\msohtmlclip1\02\clip_image003.png |
|  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | C:\Users\ahamann\AppData\Local\Temp\msohtmlclip1\02\clip_image005.png |  |  |
|  | C:\Users\ahamann\AppData\Local\Temp\msohtmlclip1\02\clip_image007.pngC:\Users\ahamann\AppData\Local\Temp\msohtmlclip1\02\clip_image004.png |  |  |  |  |
|  |  |  |  |  |
|  |  |  | C:\Users\ahamann\AppData\Local\Temp\msohtmlclip1\02\clip_image006.png |
|  |  |  |  |
|  |  |  |  |  |

**p.adjust(c(0.003,0.067,0.021,0.011), n=4, method="holm")**

Rice, W.R. 1989. Analyzing tables of statistical tests. Evolution 43: 223-225.

<http://tinyurl.com/rr480/reading/rice1989>