# Tarea 1 Máquinas de Aprendizaje

...
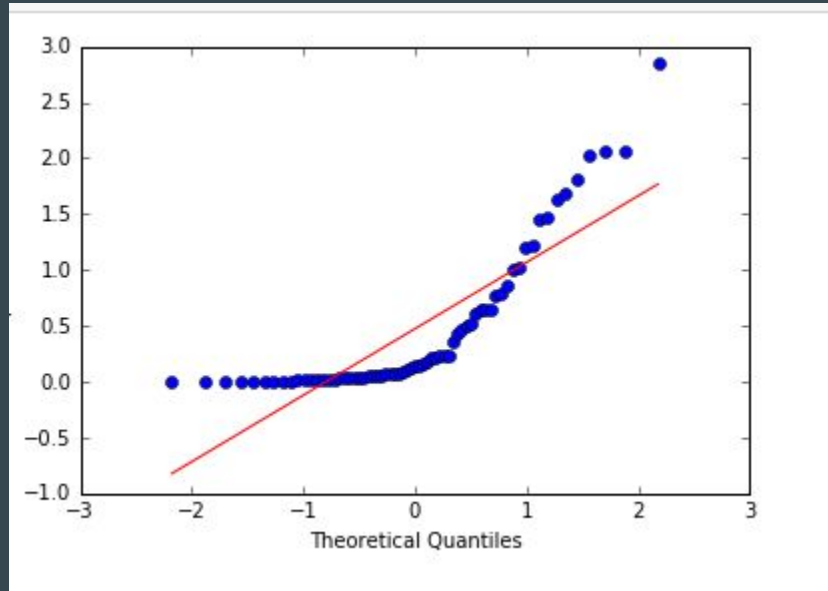
Matías Ramírez
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# Parte 1.

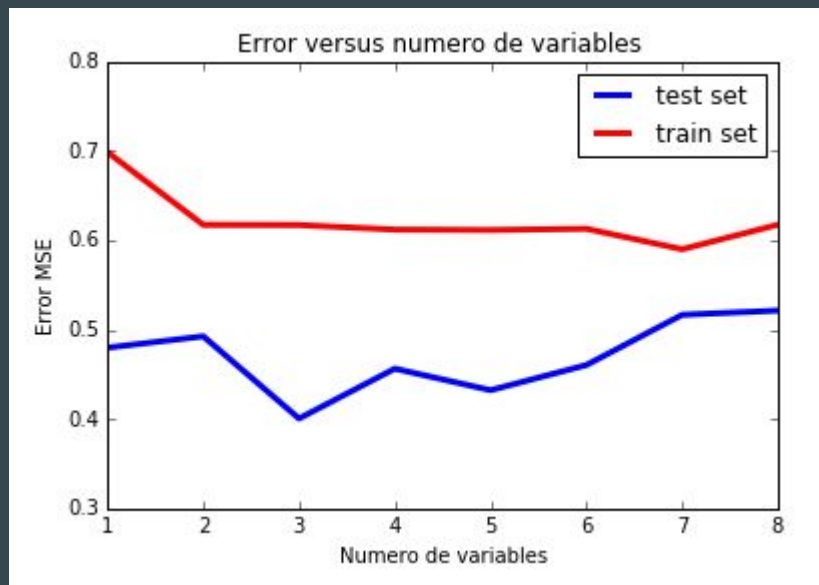| | lcavol | lweight | age | lbph | svi | lcp | gleason | pgg45 | lpsa |
|---|---|---|---|---|---|---|---|---|---|
| count | 97.000000 | 97.000000 | 97.000000 | 97.000000 | 97.000000 | 97.000000 | 97.000000 | 97.000000 | 97.000000 |
| mean | 1.350010 | 3.628943 | 63.865979 | 0.100356 | 0.216495 | -0.179366 | 6.752577 | 24.381443 | 2.478387 |
| std | 1.178625 | 0.428411 | 7.445117 | 1.450807 | 0.413995 | 1.398250 | 0.722134 | 28.204035 | 1.154329 |
| min | -1.347074 | 2.374906 | 41.000000 | -1.386294 | 0.000000 | -1.386294 | 6.000000 | 0.000000 | -0.430783 |
| 25% | 0.512824 | 3.375880 | 60.000000 | -1.386294 | 0.000000 | -1.386294 | 6.000000 | 0.000000 | 1.731656 |
| 50% | 1.446919 | 3.623007 | 65.000000 | 0.300105 | 0.000000 | -0.798508 | 7.000000 | 15.000000 | 2.591516 |
| 75% | 2.127041 | 3.876396 | 68.000000 | 1.558145 | 0.000000 | 1.178655 | 7.000000 | 40.000000 | 3.056357 |
| max | 3.821004 | 4.780383 | 79.000000 | 2.326302 | 1.000000 | 2.904165 | 9.000000 | 100.000000 | 5.582932 |

# Quantile-Quantile plot

*¿Aceptamos o rechazamos?*
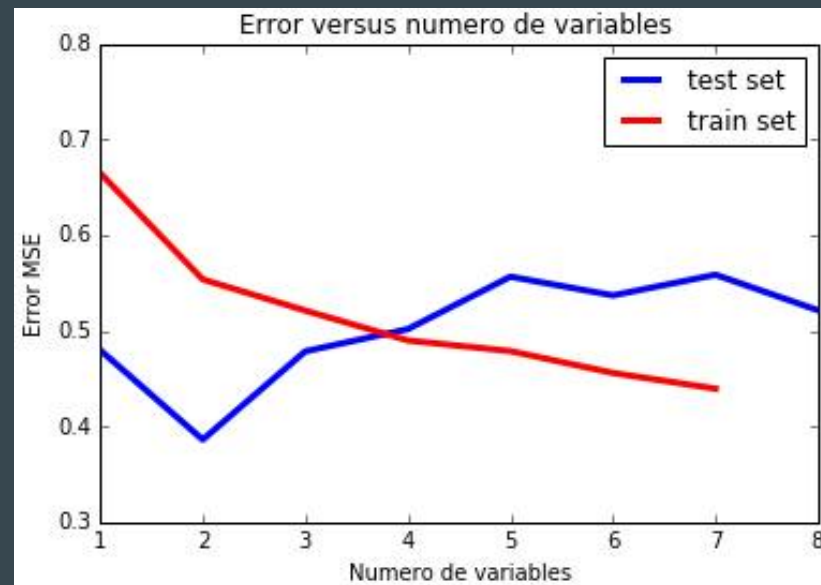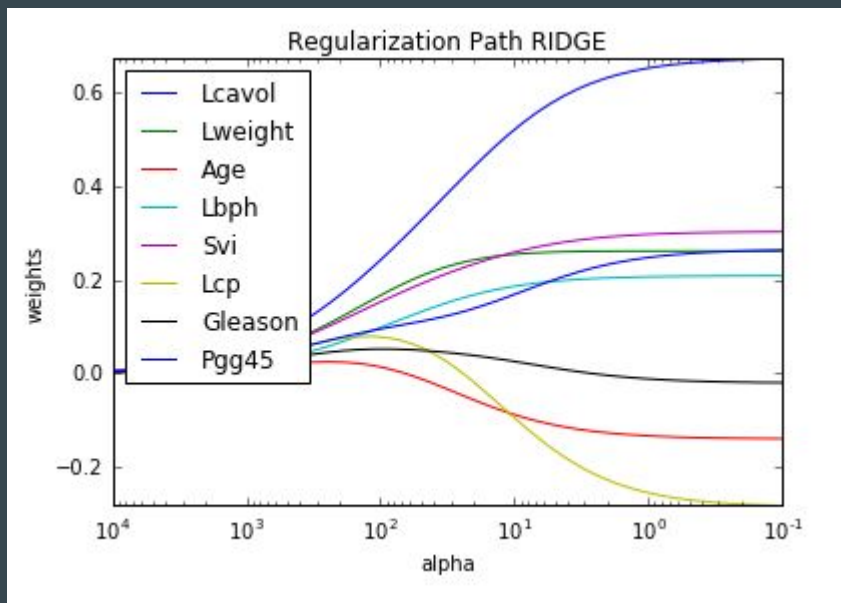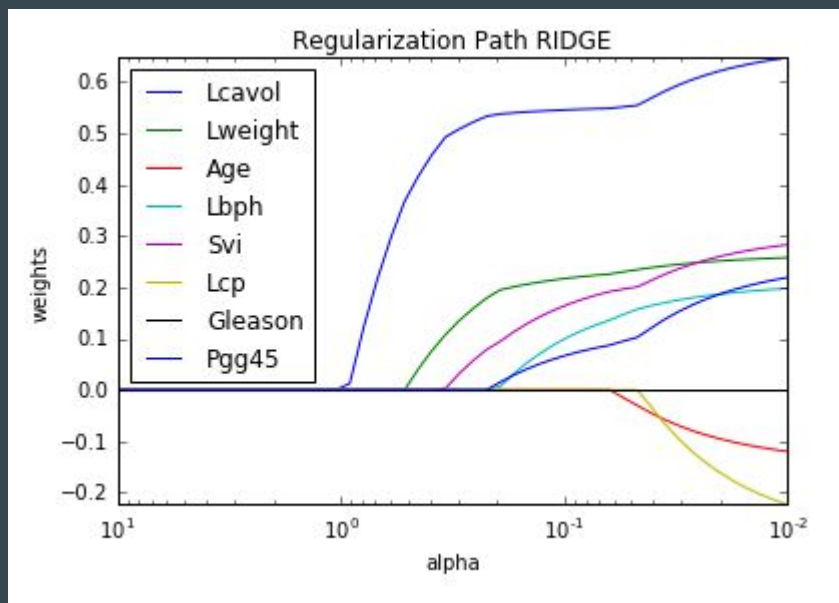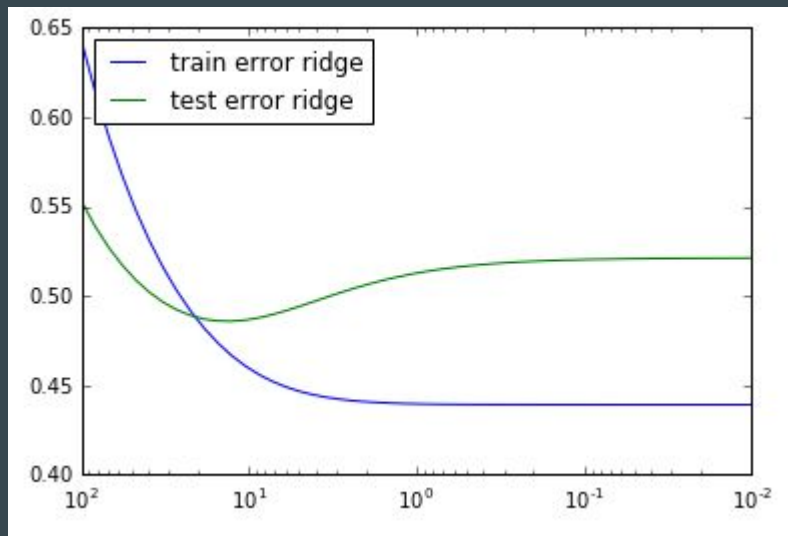
# Parte 2.

*FSS*

*BSS*

# Parte 3.

## Ridge Sucession
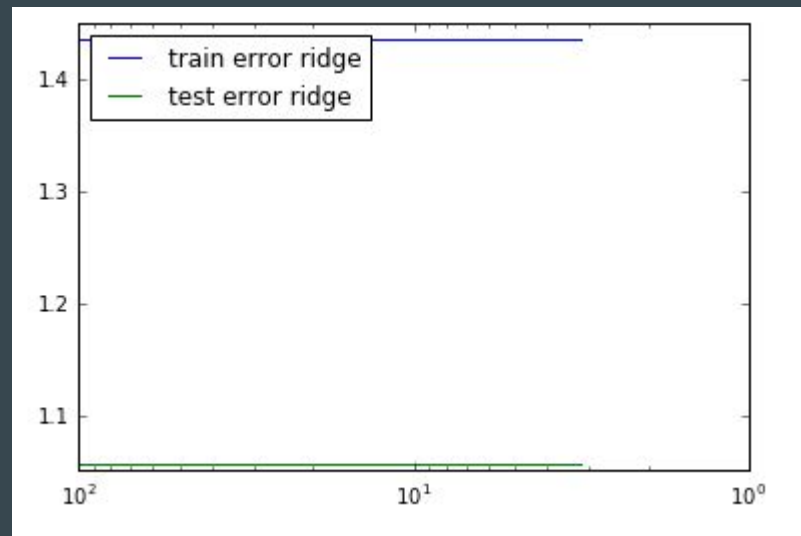
## Lasso

# Error de Entrenamiento y Error de Prueba

*Ridge Regression*                                    *Lasso*

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