* Rounded things to the nearest fifth decimal place. Hence some of the values are very very close to zero, but aren’t actually zero.
* Also discuss the format of the weight vectors: [w1, w2,…,w9, w0]

|  |  |  |  |
| --- | --- | --- | --- |
|  | **N = 15, sigma = 0.05** | | |
| **Underfitting: λ** **= 100.0** | **Appropriate Fit: λ** **= 0.005** | **Overfitting: λ** **= 0.0** |
| **MSE** |  |  |  |
| **Optimal Weights** |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | **N = 100, sigma = 0.05** | | |
| **Underfitting: λ** **= 100.0** | **Appropriate Fit: λ** **= 0.05** | **Overfitting: λ** **= 0.0** |
| **MSE** |  |  |  |
| **Optimal Weights** |  |  |  |