|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | N = 15 | | |
| Sigma = 0 | Sigma = 0.05 | Sigma = 0.2 |
| Plynml of degree 1 | MSE |  |  |  |
| Weights |  |  |  |
| Plynml of degree 2 | MSE |  |  |  |
| Weights |  |  |  |
| Plynml of degree 9 | MSE |  |  |  |
| Weights |  |  |  |

* 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 = 100 | | |
| Sigma = 0 | Sigma = 0.05 | Sigma = 0.2 |
| Plynml of degree 1 | MSE |  |  |  |
| Weights |  |  |  |
| Plynml of degree 2 | MSE |  |  |  |
| Weights |  |  |  |
| Plynml of degree 9 | MSE |  |  |  |
| Weights |  |  |  |