* nobs : 100
* ns : 50
* generative model

x1 : (-10, 10)

x2 : (-10, 10)

|  |  |  |  |
| --- | --- | --- | --- |
|  | Mu\_s | Range |  |
| Flat plane | =100-2\*x1–3\*x2 | (61.97, 142.99) |  |
| Unimodal | 85+z\*6000 (1)  90+z\*4000 (2) | (86.29, 116.57) (1)  (90.86, 111.04) (2) |  |
| Bimodal | 85+z\*5000 (1)  90+z\*4000 (2)  95+z\*2000 (3) | (85.05, 117.41) (1)  (90.04, 115.93) (2)  (95.02, 107.96) (3) |  |

1. Flat plane

nBS = 3

|  |  |
| --- | --- |
| lambdaset = (0, 0.1, 0.2, … 0.9, 1, 10) | lambdaset = (0, 0.1, 0.2, … ,1.9, 2, 5, 10, 100) |
| 1 | 100 |
| 10 | 100 |
| 10 | 100 |
| 10 | 10 |

1. Unimodal

* lambdaset = (0, 0.1, 0.2, … ,1.9, 2, 5, 10, 100)
* nBS = 3

|  |  |
| --- | --- |
| (1) More steep | (2) gentle |
| 0.1 | 0.1 |
| 0.1 | 0.2 |
| 0.5 | 10 |
| 0.1 | 0.1 |

1. Bimodial

* lambdaset = (0, 0.1, 0.2, … ,1.9, 2, 5, 10, 100)
* nBS = 5

|  |  |  |
| --- | --- | --- |
| (1) The steepest | (2) Less steep | (3) gentle |
| 0 | 0.1 | 0.4 |
| 0 | 0.1 | 0.2 |
| 0.3 | 0.5 | 10 |
| 0.1 | 0.1 | 0.4 |