# 2D Linear Model Selection

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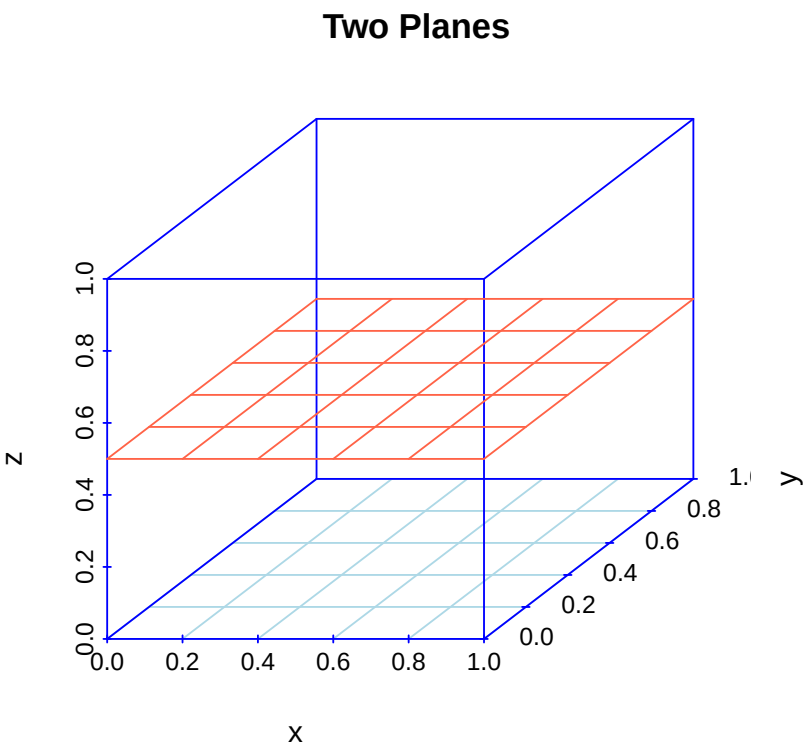
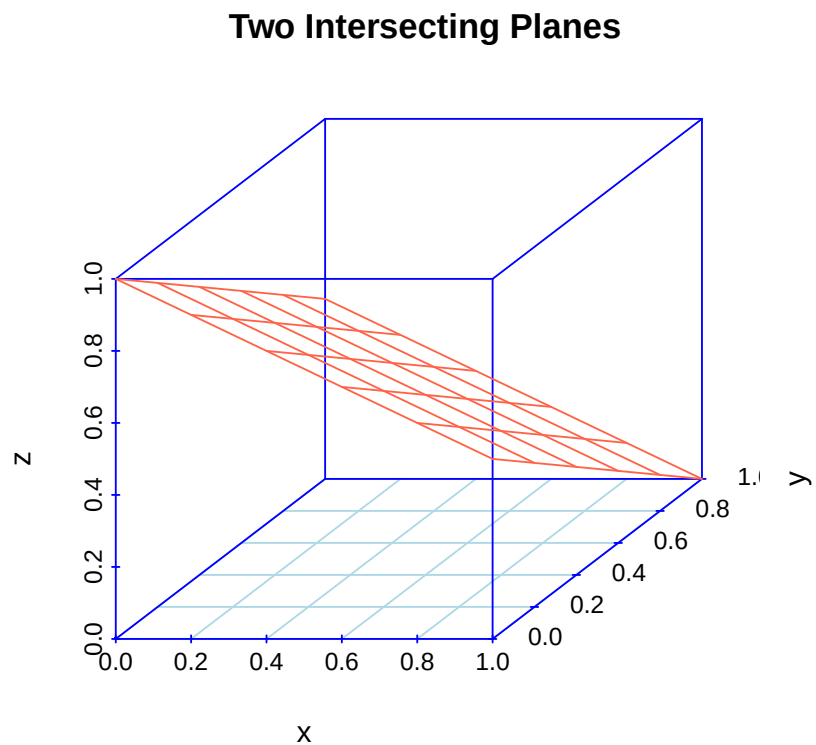
# Experiments

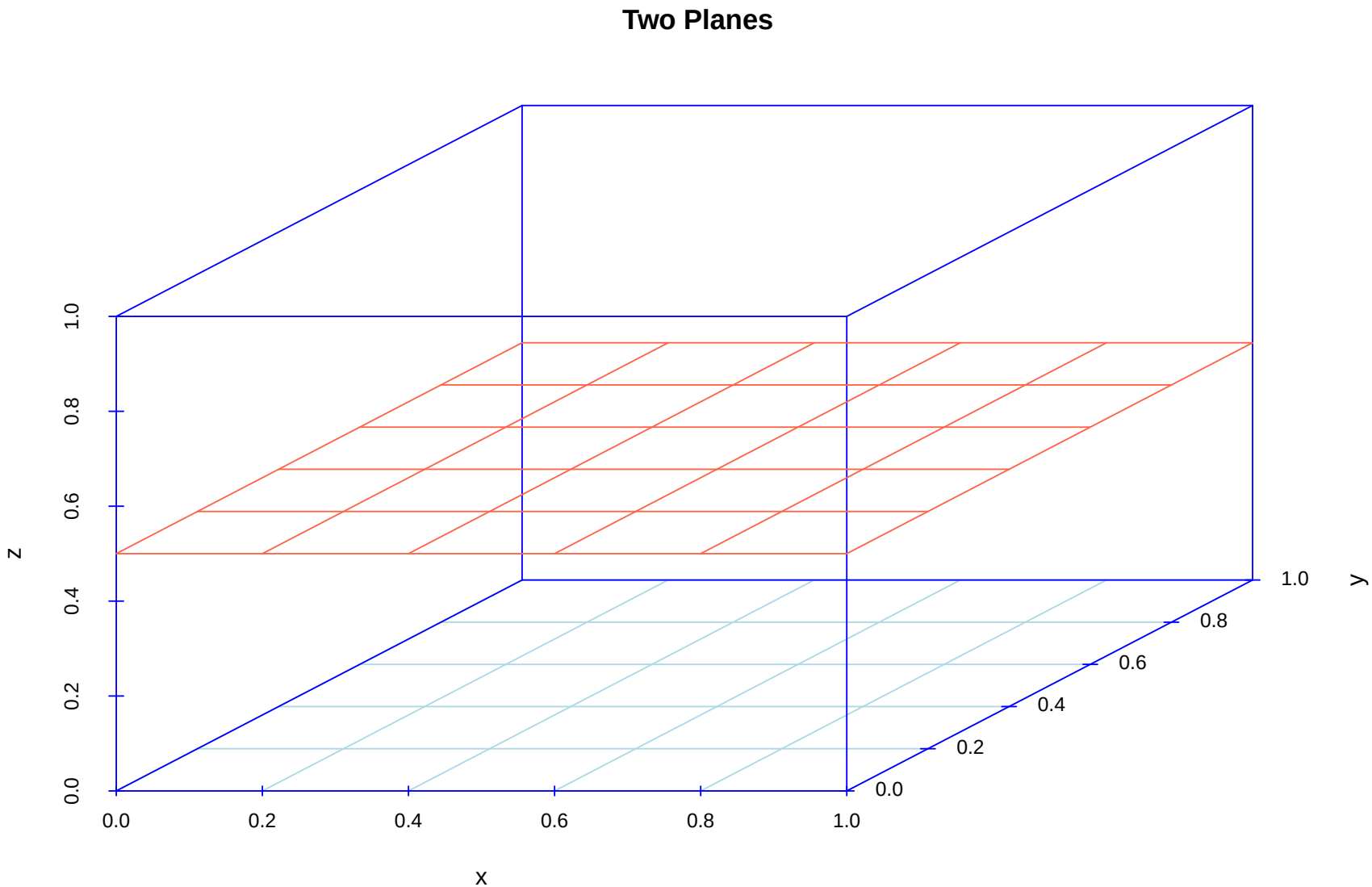
Here I consider two examples in which two different models are compared:



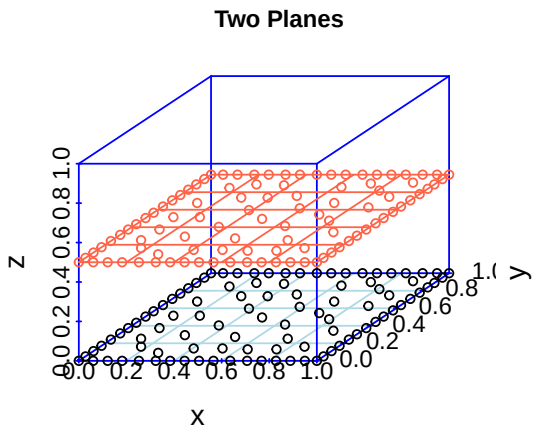



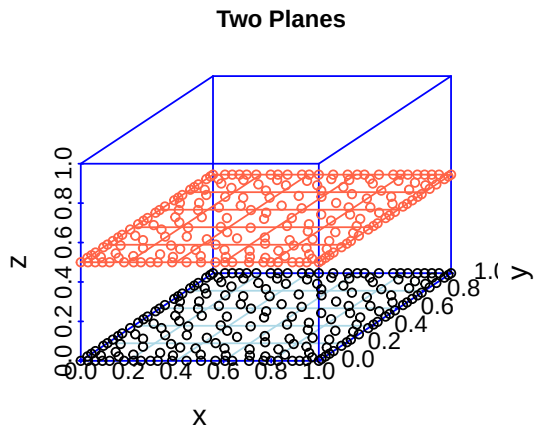
# Example 1

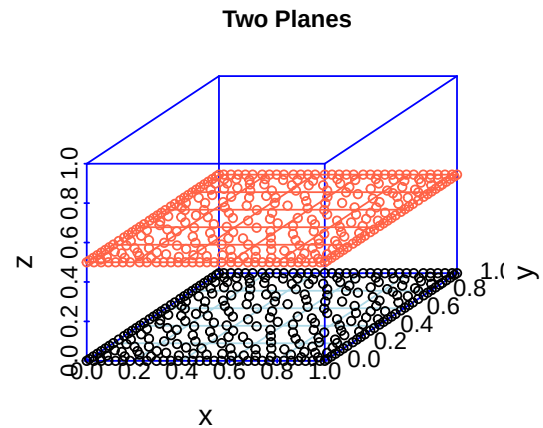
# Example 1

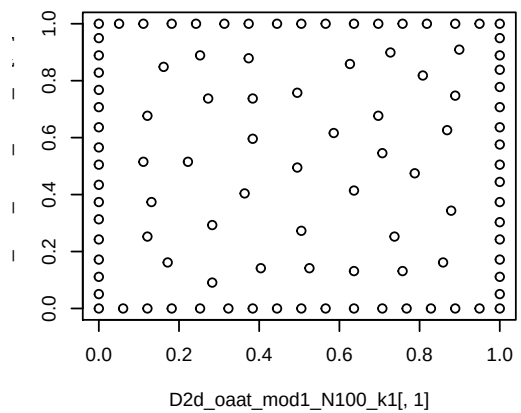


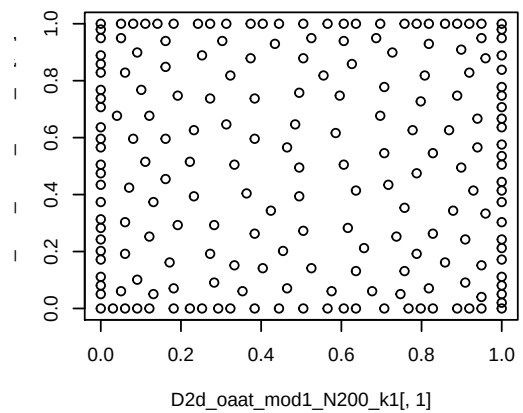
# One-at-a-Time Algorithm, k = 1, N = 100, 200, 300

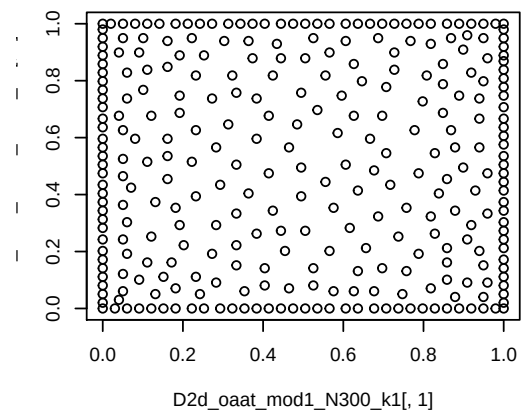


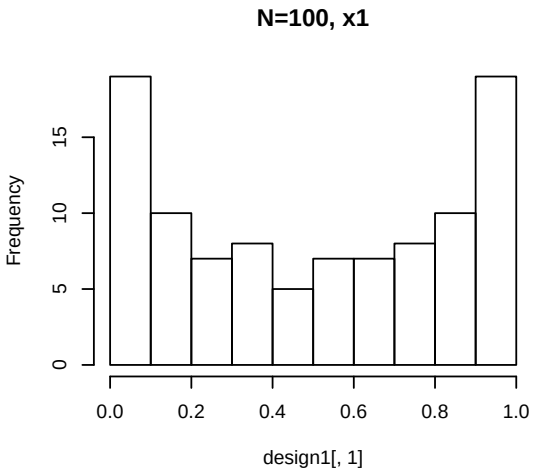



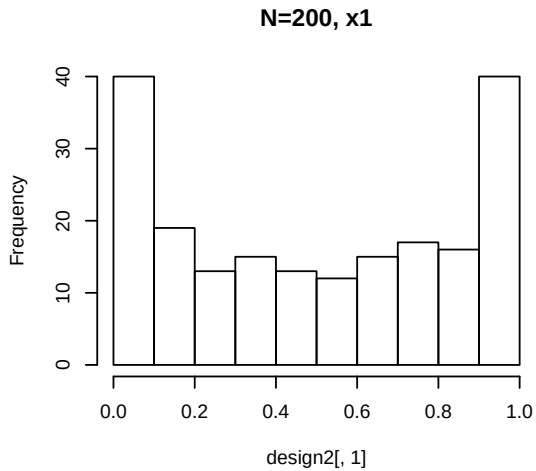



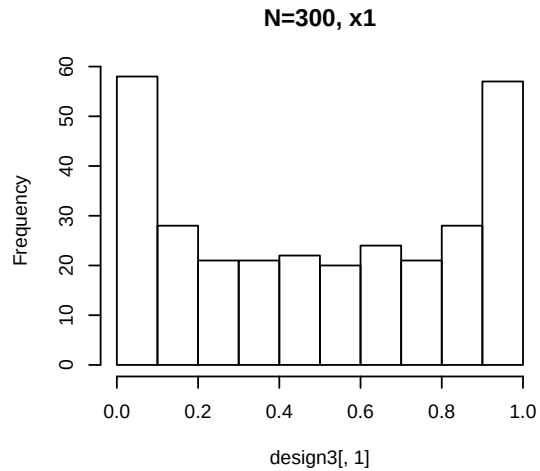



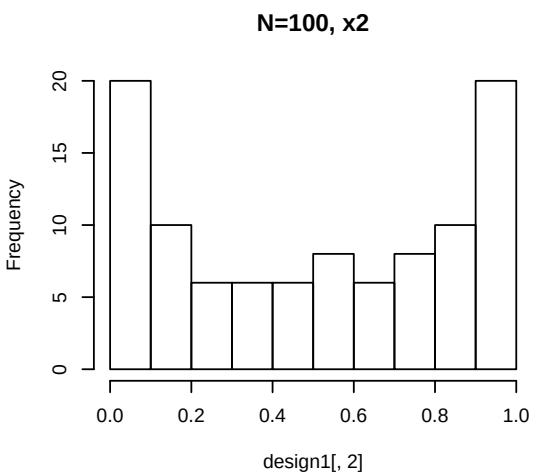



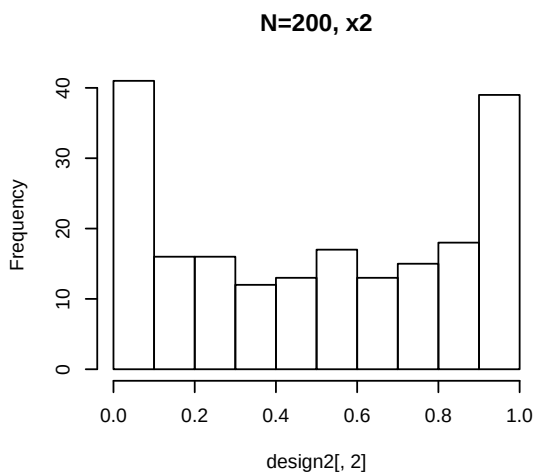



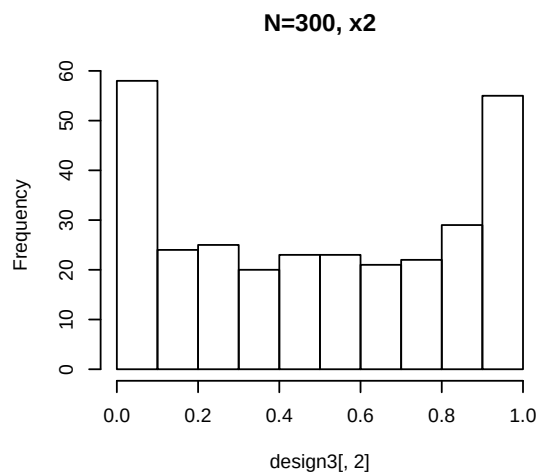

N=100, x1
Frequency
0
5
10
15
0.0
0.2
0.4
0.6
0.8
1.0
design1[, 1]


N=200, x1
Frequency
0
10
20
30
40
0.0
0.2
0.4
0.6
0.8
1.0
design2[, 1]

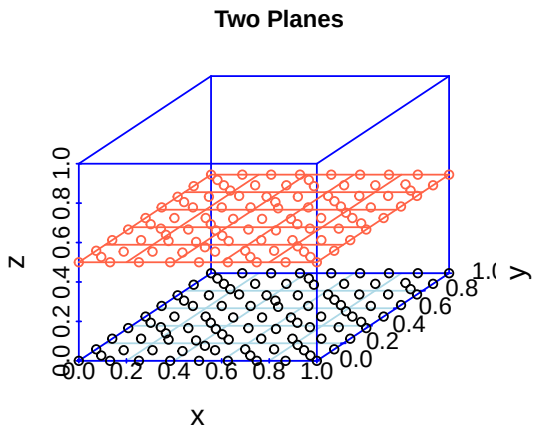

N=300, x1
Frequency
0
10
20
30
40
50
60
0.0
0.2
0.4
0.6
0.8
1.0
design3[, 1]

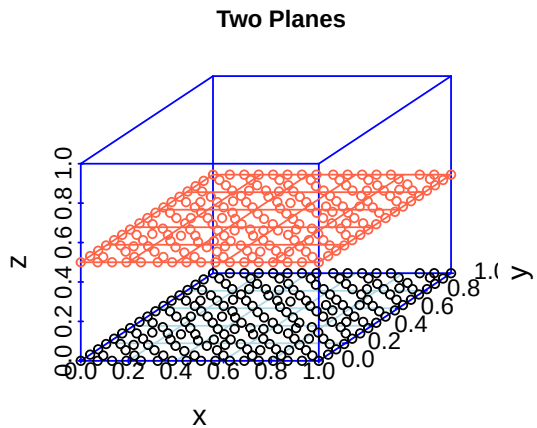

N=100, x2
Frequency
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
design1[, 2]

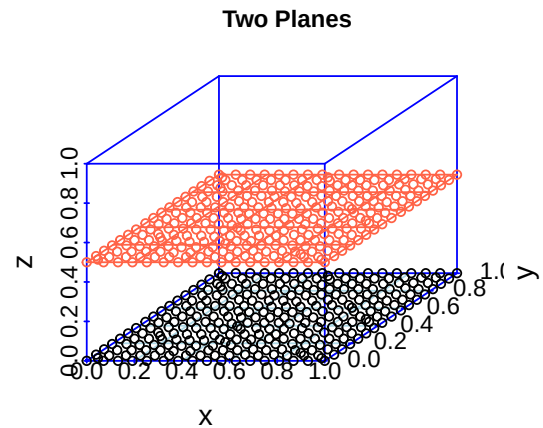

N=200, x2
Frequency
0
10
20
30
40
0.0
0.2
0.4
0.6
0.8
1.0
design2[, 2]

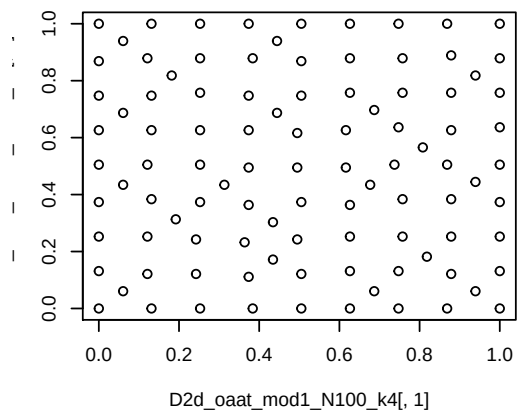

N=300, x2
Frequency
0
10
20
30
40
50
60
0.0
0.2
0.4
0.6
0.8
1.0
design3[, 2]

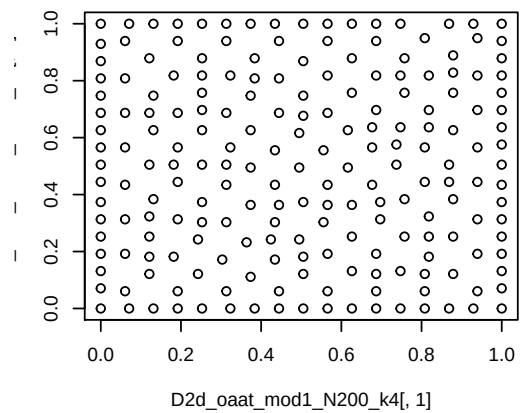
# One-at-a-Time Algorithm, k = 4, N = 100, 200, 300

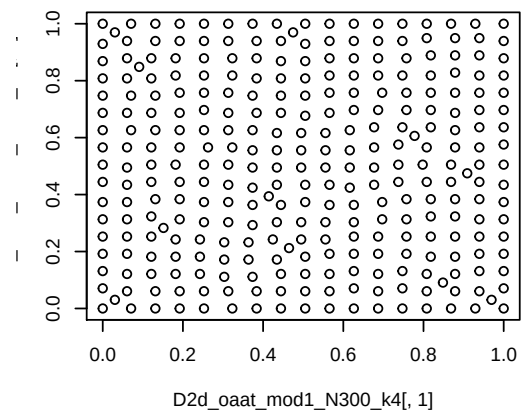


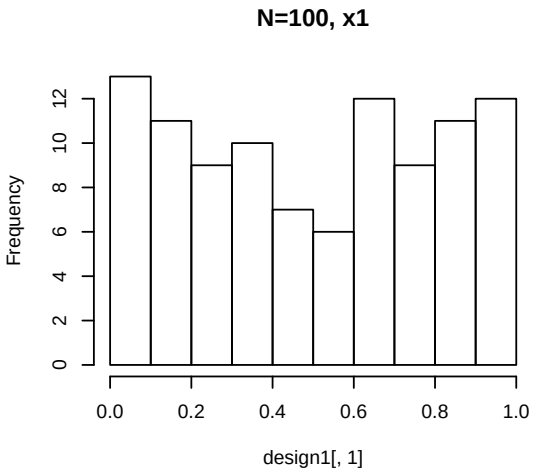



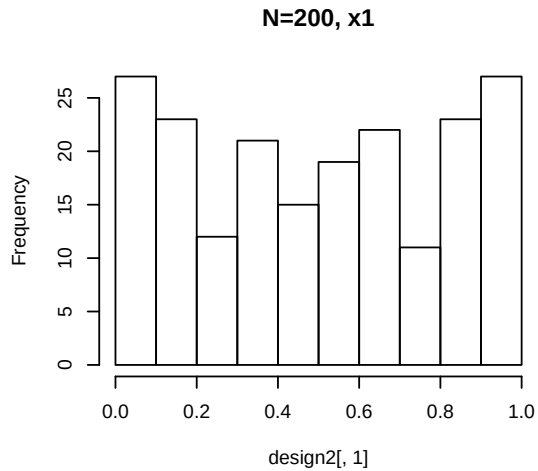



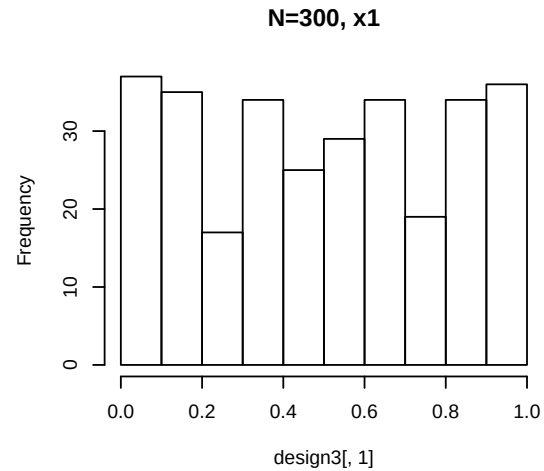



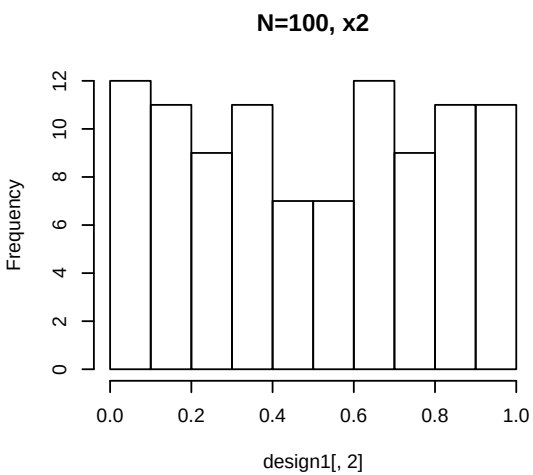



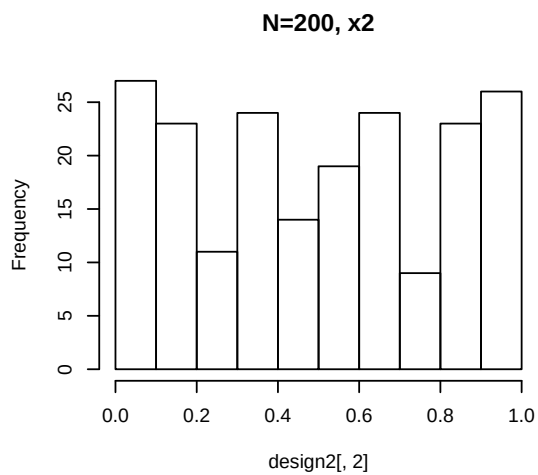



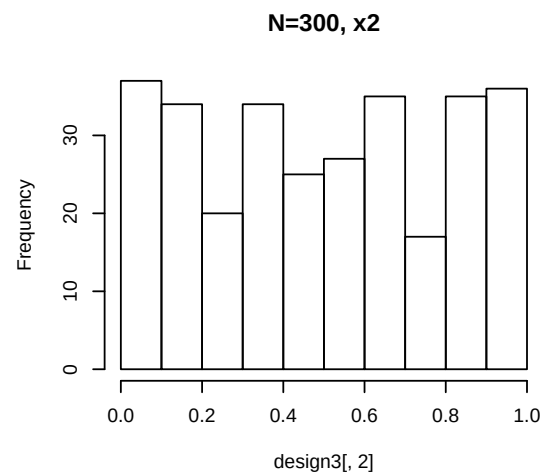

N=100, x1
Frequency
0
2
4
6
8
10
12
0.0
0.2
0.4
0.6
0.8
1.0
design1[, 1]


N=200, x1
Frequency
0
5
10
15
20
25
0.0
0.2
0.4
0.6
0.8
1.0
design2[, 1]

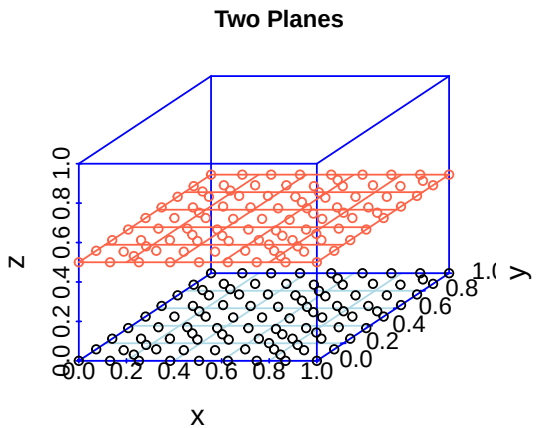

N=300, x1
Frequency
0
10
20
30
0.0
0.2
0.4
0.6
0.8
1.0
design3[, 1]

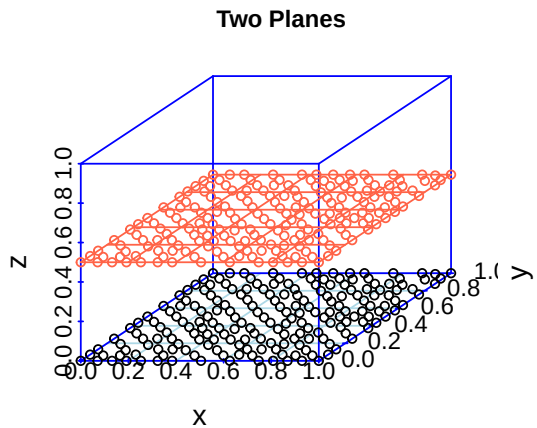

N=100, x2
Frequency
0
2
4
6
8
10
12
0.0
0.2
0.4
0.6
0.8
1.0
design1[, 2]

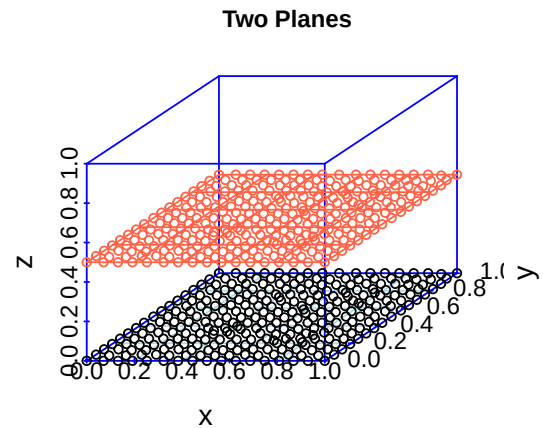

N=200, x2
Frequency
0
5
10
15
20
25
0.0
0.2
0.4
0.6
0.8
1.0
design2[, 2]

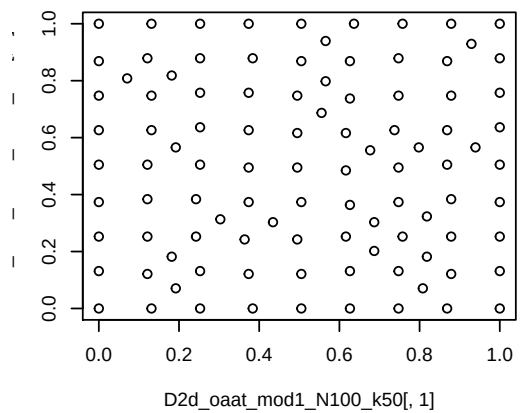

N=300, x2
Frequency
0
10
20
30
0.0
0.2
0.4
0.6
0.8
1.0
design3[, 2]

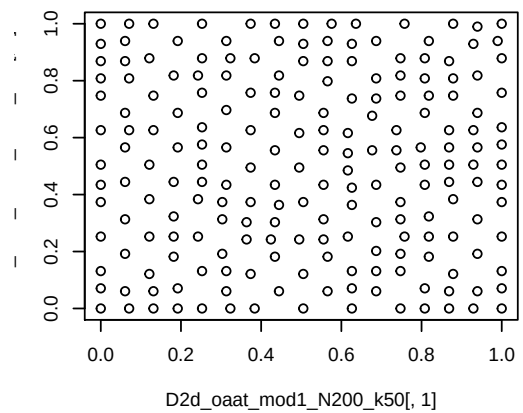
# One-at-a-Time Algorithm, k = 50, N = 100, 200, 300

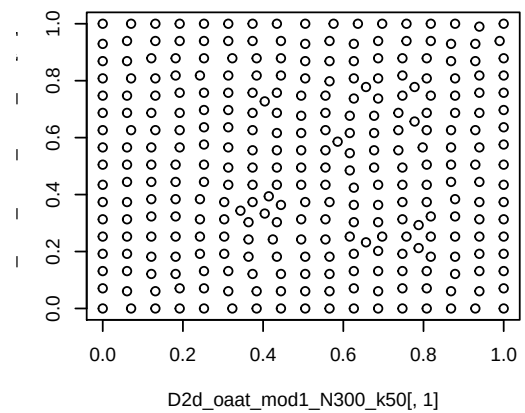


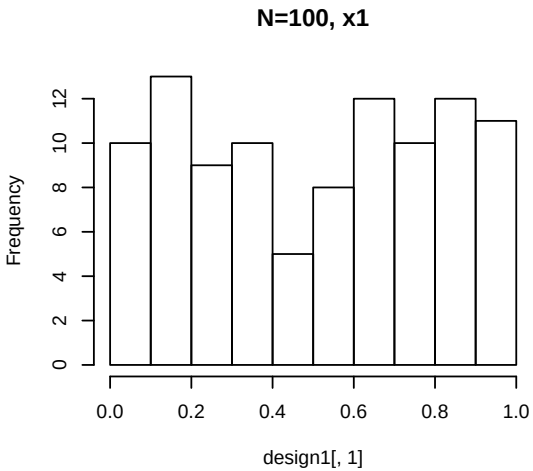



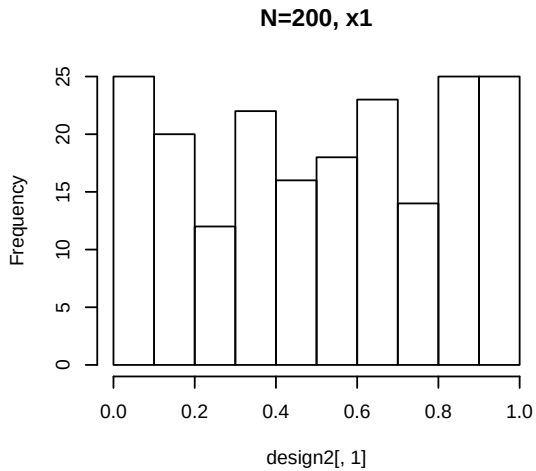



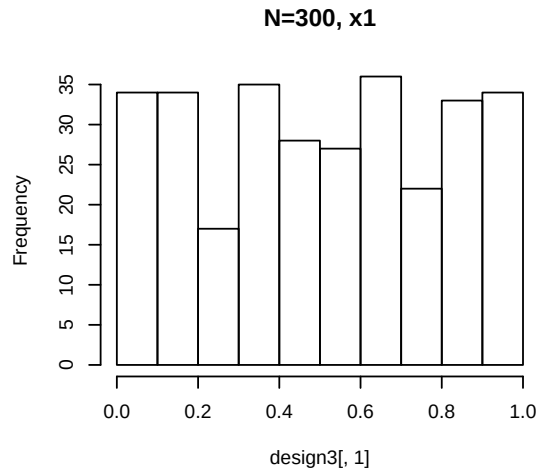



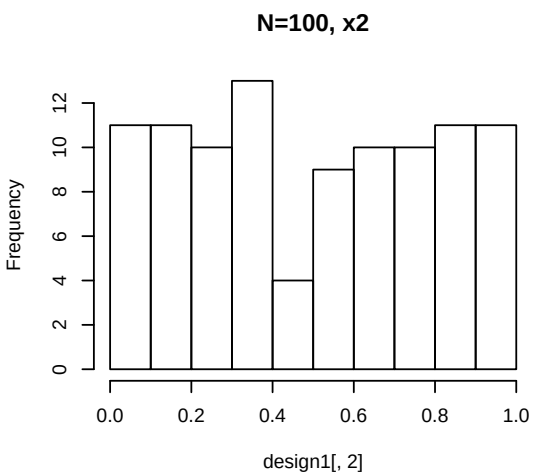



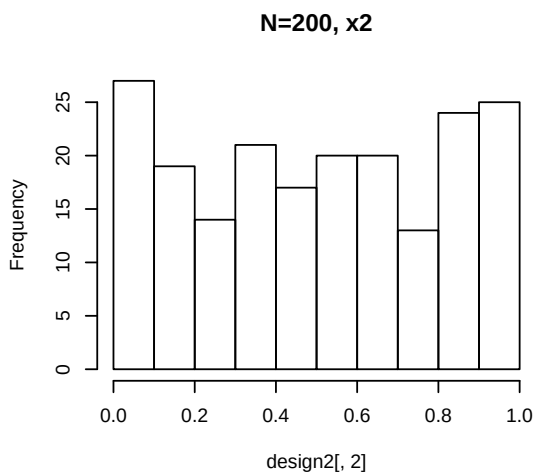



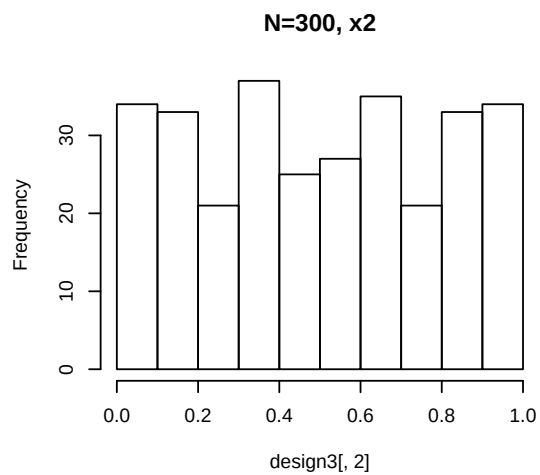

N=100, x1
Frequency
0
2
4
6
8
10
12
0.0
0.2
0.4
0.6
0.8
1.0
design1[, 1]


N=200, x1
Frequency
0
5
10
15
20
25
0.0
0.2
0.4
0.6
0.8
1.0
design2[, 1]

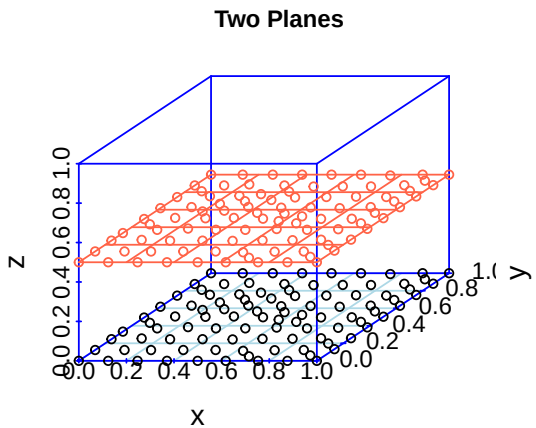

N=300, x1
Frequency
0
5
10
15
20
25
30
35
0.0
0.2
0.4
0.6
0.8
1.0
design3[, 1]

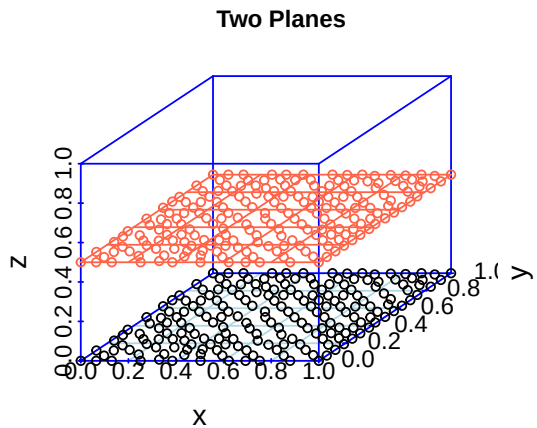

N=100, x2
Frequency
0
2
4
6
8
10
12
0.0
0.2
0.4
0.6
0.8
1.0
design1[, 2]

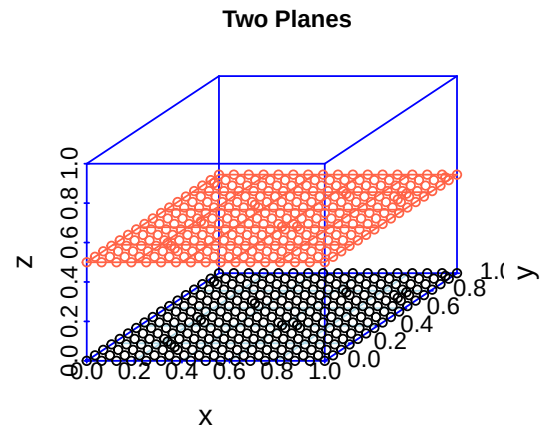

N=200, x2
Frequency
0
5
10
15
20
25
0.0
0.2
0.4
0.6
0.8
1.0
design2[, 2]

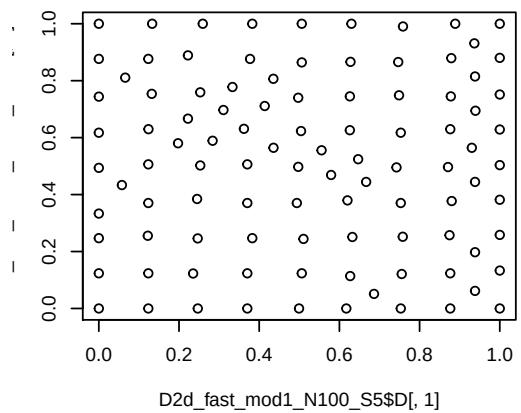

N=300, x2
Frequency
0
10
20
30
0.0
0.2
0.4
0.6
0.8
1.0
design3[, 2]

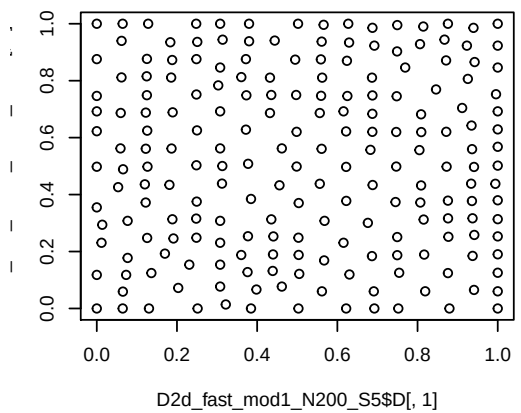
# Fast Algorithm, S = 5, N = 100, 200, 300

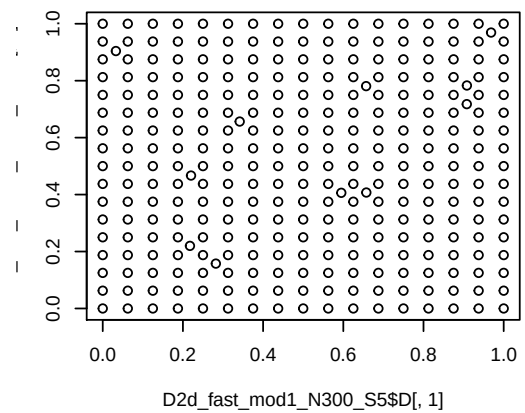


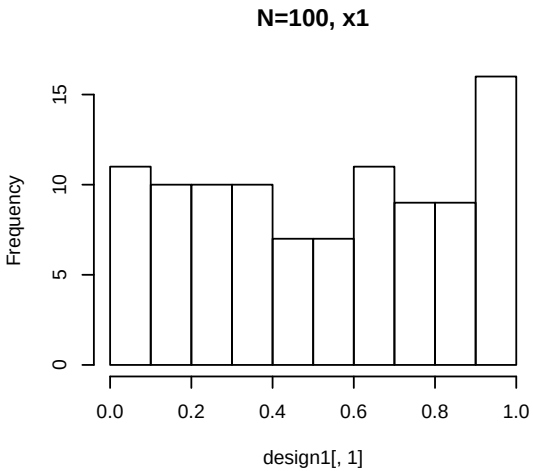



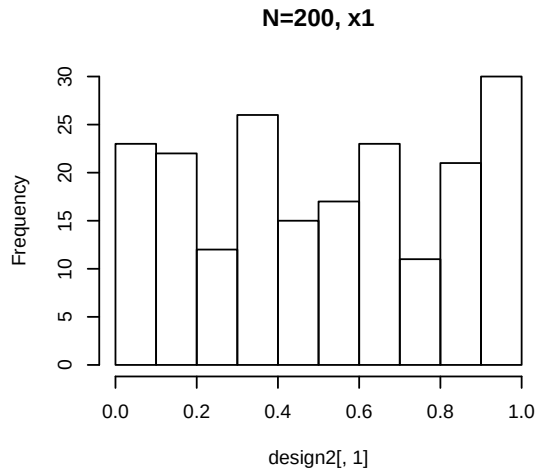



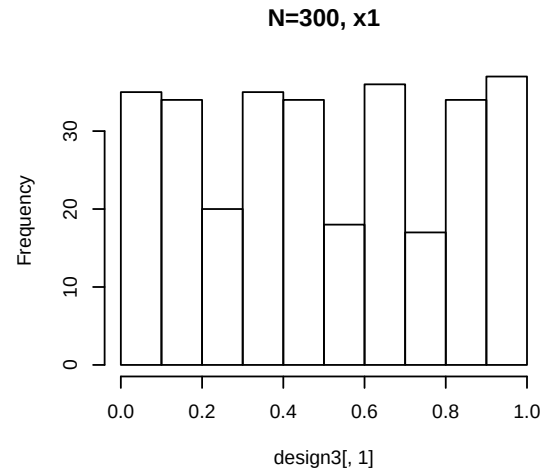



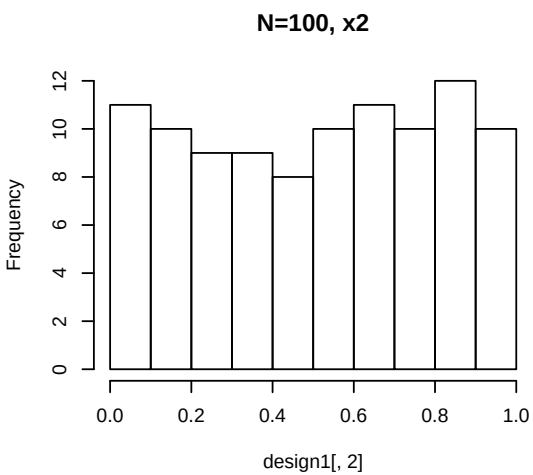



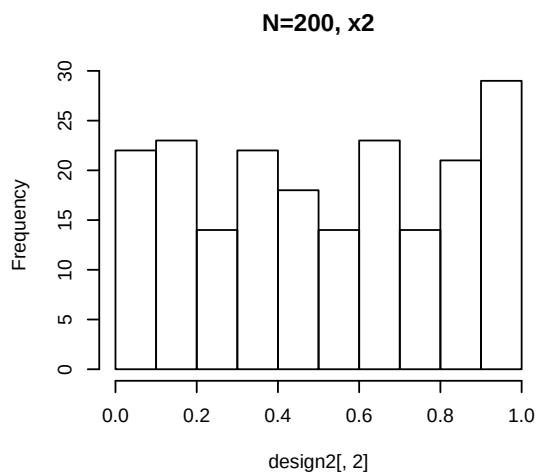



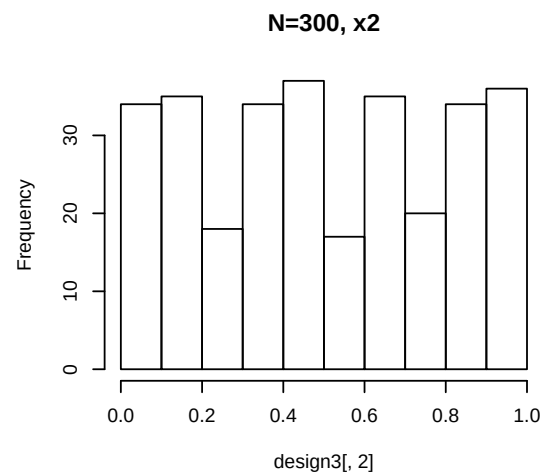

N=100, x1
Frequency
0
5
10
15
0.0
0.2
0.4
0.6
0.8
1.0
design1[, 1]


N=200, x1
Frequency
0
5
10
15
20
25
30
0.0
0.2
0.4
0.6
0.8
1.0
design2[, 1]


N=300, x1
Frequency
0
10
20
30
0.0
0.2
0.4
0.6
0.8
1.0
design3[, 1]


N=100, x2
Frequency
0
2
4
6
8
10
12
0.0
0.2
0.4
0.6
0.8
1.0
design1[, 2]


N=200, x2
Frequency
0
5
10
15
20
25
30
0.0
0.2
0.4
0.6
0.8
1.0
design2[, 2]


N=300, x2
Frequency
0
10
20
30
0.0
0.2
0.4
0.6
0.8
1.0
design3[, 2]

# Example 1 Evaluations, N = 100

| | 1atT,k=1 | 1atT,k=4 | 1atT,k=50 | Fast,S=5 |
|---|---|---|---|---|
| TPEx10e-3 | 13.903 | 14.892 | 15.103 | 15.079 |
| Fast Crit | 24.946 | 14.7 | 14.7 | 16.255 |
| 1atT Crit (k=4) | 61.838 | 48.316 | 48.542 | 48.966 |
| E[P(H0\|Y,D)\|H0,D] | 1 | 0.999 | 0.998 | 0.999 |
| E[P(H1\|Y,D)\|H0,D] | 0.000245 | 0.000955 | 0.00162 | 0.00081 |
| E[BF01 \| H0,D] | 2.88e+14 | 4.85e+13 | 8.84e+13 | 9.94e+12 |
| E[P(H0\|Y,D)\|H1,D] | 0.00011 | 2.1e-05 | 0.000131 | 0.000286 |
| E[P(H1\|Y,D)\|H1,D] | 1 | 1 | 1 | 1 |
| E[BF01\|H1,D] | 0.000111 | 2.1e-05 | 0.000132 | 0.000293 |
| V[B0\|Y,X] | 0.000791 | 0.000885 | 0.000902 | 0.000928 |
| V[B1\|Y,X] | 0.0013 | 0.00152 | 0.00156 | 0.0015 |
| V[B2\|Y,X] | 0.00128 | 0.00154 | 0.00156 | 0.00159 |

# Example 1 Evaluations, N = 200

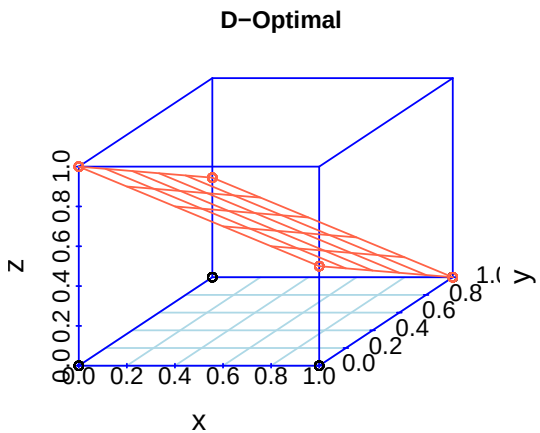
| | 1atT,k=1 | 1atT,k=4 | 1atT,k=50 | Fast,S=5 |
|---|---|---|---|---|
| TPEx10e-3 | 59.56 | 62.211 | 63.801 | 63.648 |
| Fast Crit | 62.366 | 24.462 | 20.789 | 23.261 |
| 1atT Crit (k=4) | 124.21 | 84.365 | 85.319 | 85.682 |
| E[P(H0\|Y,D)\|H0,D] | 0.996 | 0.998 | 0.999 | 1 |
| E[P(H1\|Y,D)\|H0,D] | 0.00383 | 0.00179 | 0.000633 | 6.04e-05 |
| E[BF01 \| H0,D] | 1.99e+17 | 1.92e+17 | 6.42e+16 | 4.65e+16 |
| E[P(H0\|Y,D)\|H1,D] | 3.8e-05 | 0.000227 | 6.24e-05 | 2.93e-05 |
| E[P(H1\|Y,D)\|H1,D] | 1 | 1 | 1 | 1 |
| E[BF01\|H1,D] | 3.8e-05 | 0.000232 | 6.27e-05 | 2.94e-05 |
| V[B0\|Y,X] | 0.000487 | 0.000548 | 0.000574 | 0.000578 |
| V[B1\|Y,X] | 0.000796 | 0.00094 | 0.000982 | 0.000969 |
| V[B2\|Y,X] | 0.000797 | 0.00095 | 0.000973 | 0.000977 |

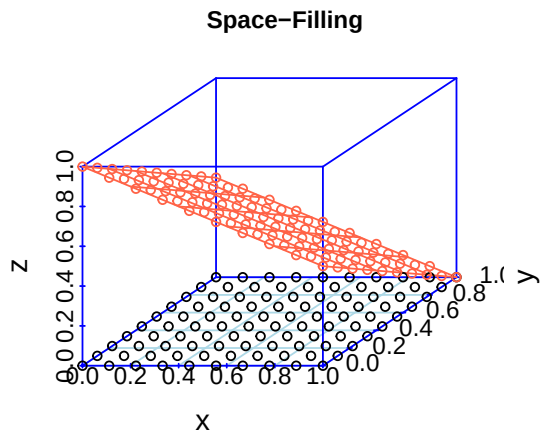
# Example 1 Evaluations, N = 300

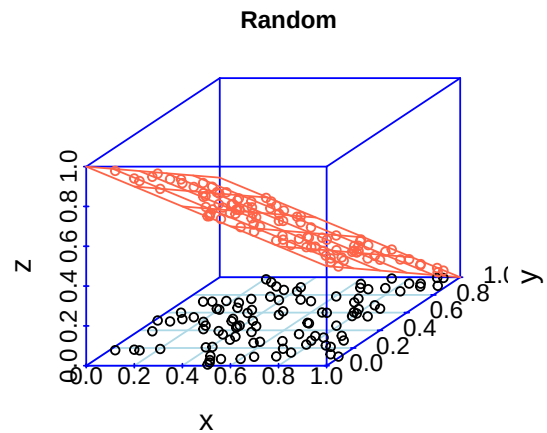
| | 1atT,k=1 | 1atT,k=4 | 1atT,k=50 | Fast,S=5 |
|---|---|---|---|---|
| TPEx10e-3 | 137.15 | 146.52 | 148.88 | 147.7 |
| Fast Crit | 62.366 | 29.4 | 29.4 | 30.363 |
| 1atT Crit (k=4) | 156.82 | 112.4 | 112.79 | 112.97 |
| E[P(H0\|Y,D)\|H0,D] | 1 | 1 | 1 | 1 |
| E[P(H1\|Y,D)\|H0,D] | 3.11e-06 | 6.13e-07 | 6.6e-07 | 9.95e-07 |
| E[BF01 \| H0,D] | 8.05e+14 | 2.84e+14 | 2e+14 | 2.24e+14 |
| E[P(H0\|Y,D)\|H1,D] | 7.07e-06 | 6.2e-05 | 0.00034 | 1.9e-05 |
| E[P(H1\|Y,D)\|H1,D] | 1 | 1 | 1 | 1 |
| E[BF01\|H1,D] | 7.08e-06 | 6.24e-05 | 0.00035 | 1.9e-05 |
| V[B0\|Y,X] | 0.000354 | 0.000418 | 0.00043 | 0.000422 |
| V[B1\|Y,X] | 0.000579 | 0.000723 | 0.000743 | 0.000729 |
| V[B2\|Y,X] | 0.000583 | 0.000717 | 0.000742 | 0.000733 |

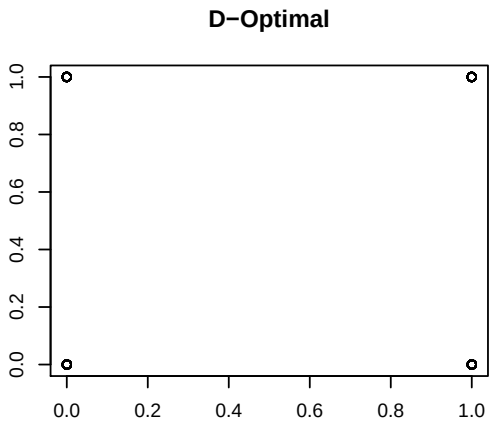
# Compare Example 1 MEDs to Other Designs

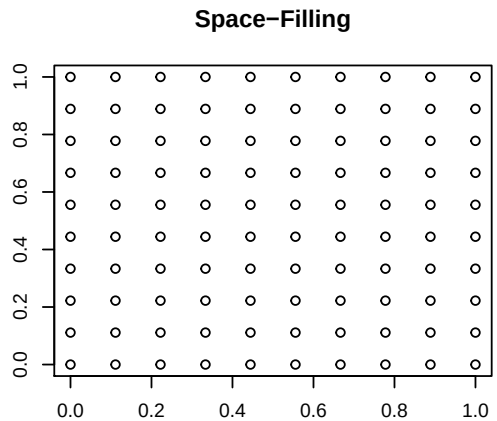
# Other Designs, N = 100

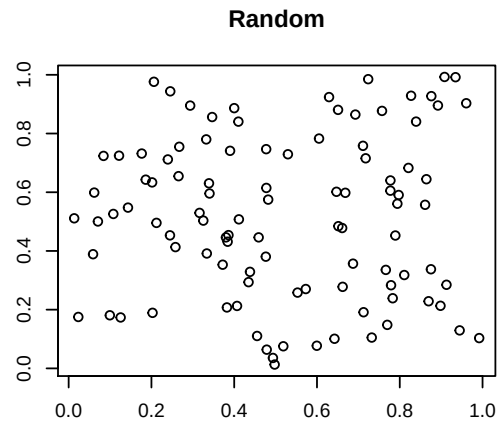


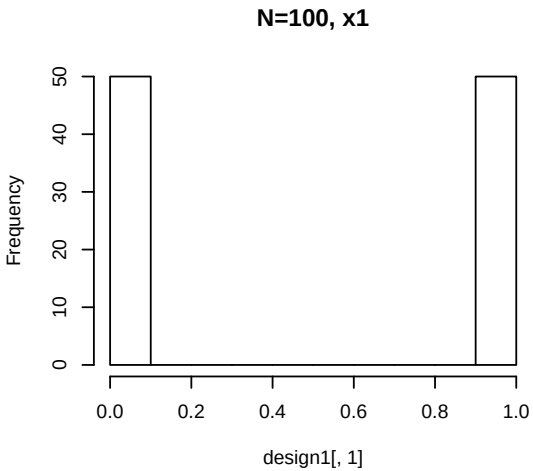



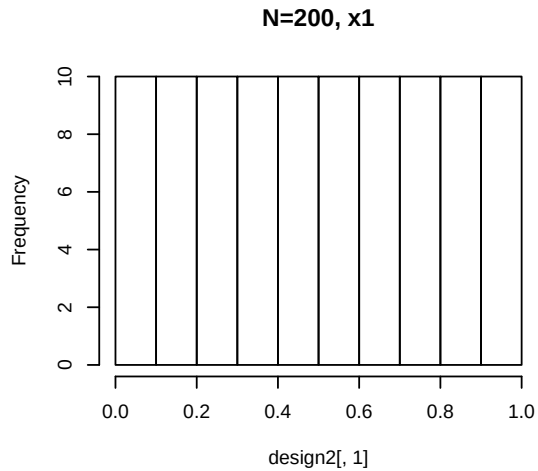



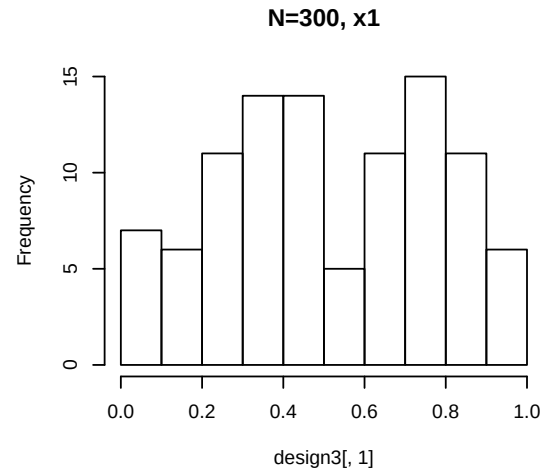



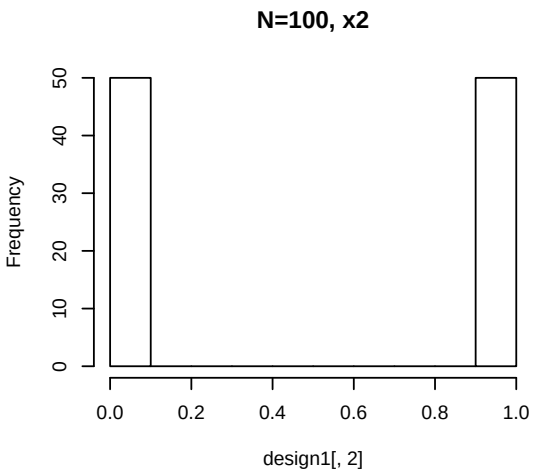



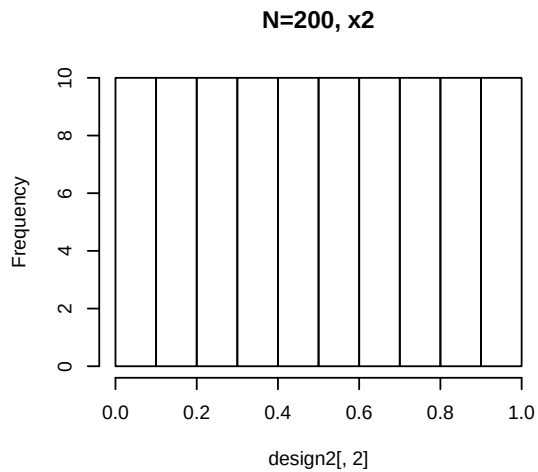



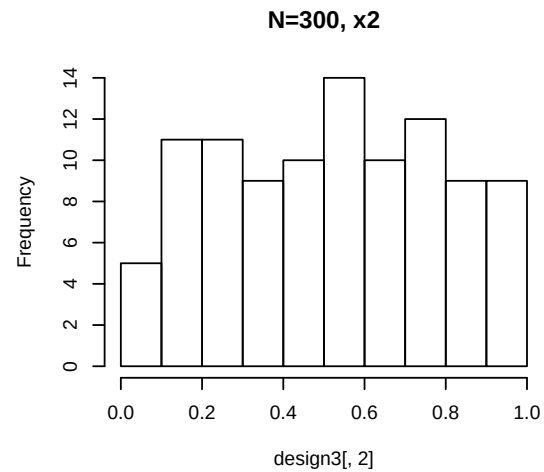

N=100, x1
Frequency
0
10
20
30
40
50
0.0
0.2
0.4
0.6
0.8
1.0
design1[, 1]


N=200, x1
Frequency
0
2
4
6
8
10
0.0
0.2
0.4
0.6
0.8
1.0
design2[, 1]


N=300, x1
Frequency
0
5
10
15
0.0
0.2
0.4
0.6
0.8
1.0
design3[, 1]


N=100, x2
Frequency
0
10
20
30
40
50
0.0
0.2
0.4
0.6
0.8
1.0
design1[, 2]


N=200, x2
Frequency
0
2
4
6
8
10
0.0
0.2
0.4
0.6
0.8
1.0
design2[, 2]

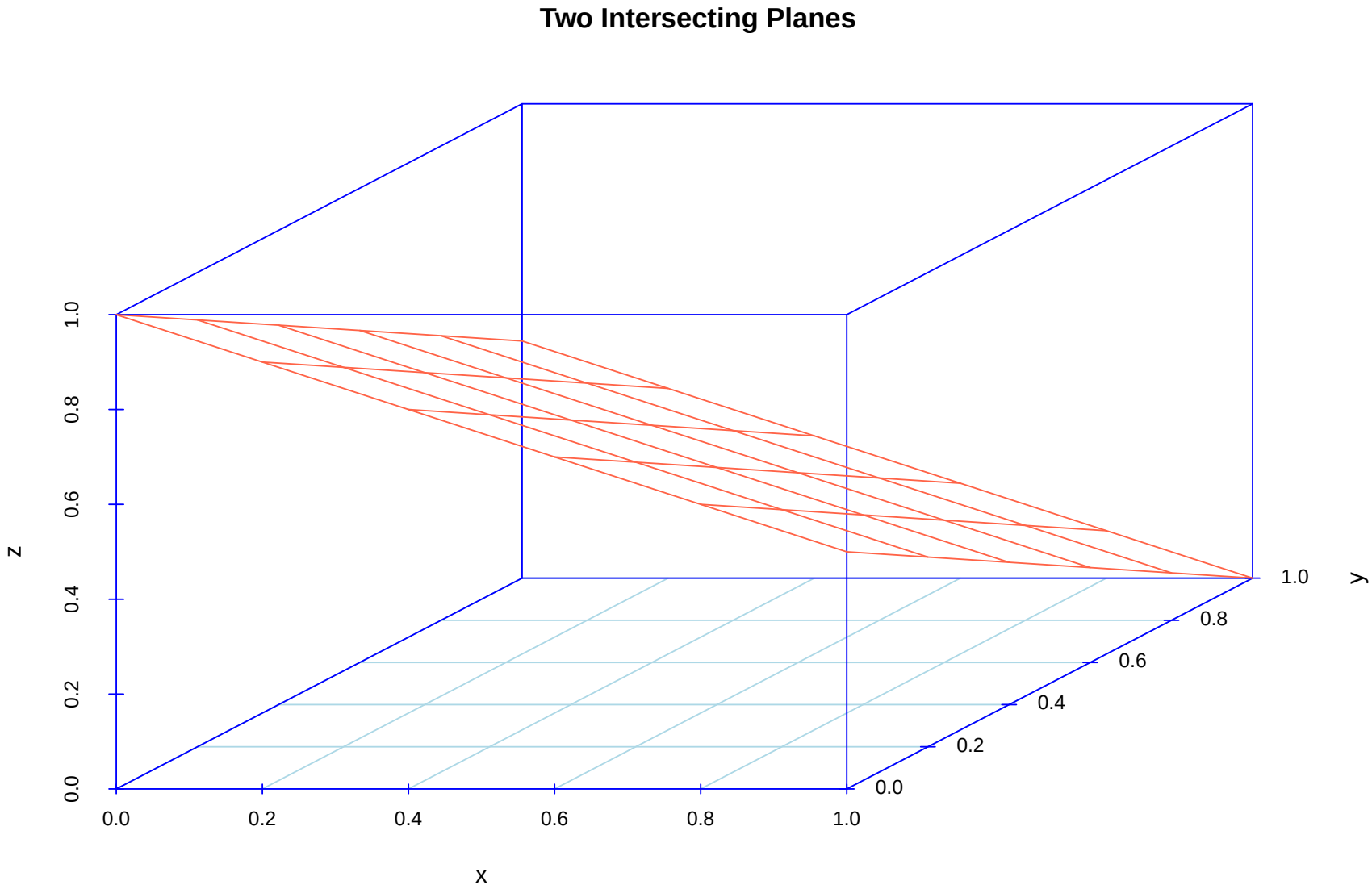

N=300, x2
Frequency
0
2
4
6
8
10
12
14
0.0
0.2
0.4
0.6
0.8
1.0
design3[, 2]

# Example 1 Evaluations for Other Designs, N = 100

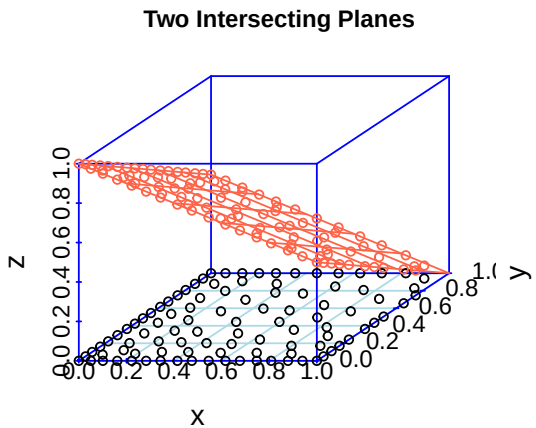
| | 1atT,k=1 | 1atT,k=4 | 1atT,k=50 | Fast,S=5 | D-Opt | Space | Random |
|---|---|---|---|---|---|---|---|
| TPEx10e-3 | 13.903 | 14.892 | 15.103 | 15.079 | Inf | 14.778 | 19.295 |
| Fast Crit | 24.946 | 14.7 | 14.7 | 16.255 | Inf | 11.339 | 129.35 |
| 1atT Crit (k=4) | 61.838 | 48.316 | 48.542 | 48.966 | Inf | 45.241 | 158.09 |
| E[P(H0\|Y,D)\|H0,D] | 1 | 0.999 | 0.998 | 0.999 | 1 | 1 | 1 |
| E[P(H1\|Y,D)\|H0,D] | 0.000245 | 0.000955 | 0.00162 | 0.00081 | 2.36e-05 | 0.000436 | 0.000234 |
| E[BF01 \| H0,D] | 2.88e+14 | 4.85e+13 | 8.84e+13 | 9.94e+12 | 3.35e+14 | 1.22e+14 | 1.71e+13 |
| E[P(H0\|Y,D)\|H1,D] | 0.00011 | 2.1e-05 | 0.000131 | 0.000286 | 5.62e-05 | 0.000819 | 0.00109 |
| E[P(H1\|Y,D)\|H1,D] | 1 | 1 | 1 | 1 | 1 | 0.999 | 0.999 |
| E[BF01\|H1,D] | 0.000111 | 2.1e-05 | 0.000132 | 0.000293 | 5.63e-05 | 0.000854 | 0.00121 |
| V[B0\|Y,X] | 0.000791 | 0.000885 | 0.000902 | 0.000928 | 0.000588 | 0.000884 | 0.00106 |
| V[B1\|Y,X] | 0.0013 | 0.00152 | 0.00156 | 0.0015 | 0.000803 | 0.00153 | 0.00189 |
| V[B2\|Y,X] | 0.00128 | 0.00154 | 0.00156 | 0.00159 | 0.000803 | 0.00153 | 0.00186 |

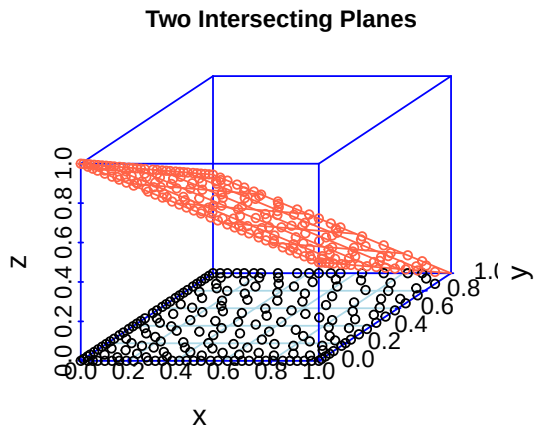
# Example 2

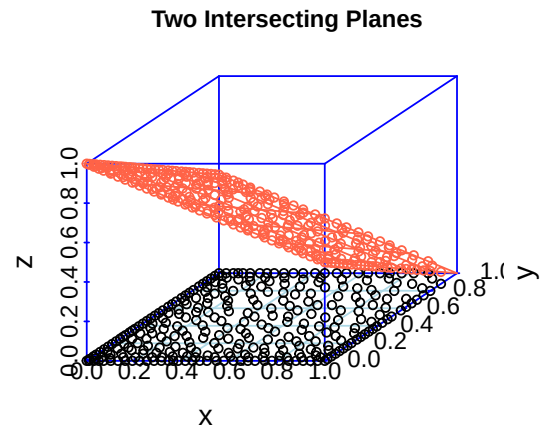
# Example 2

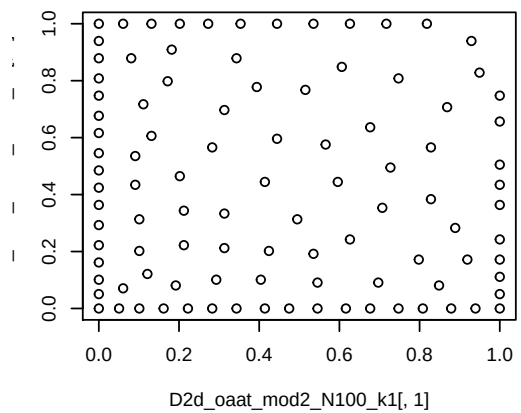

Two Intersecting Planes
z
0.0
0.2
0.4
0.6
0.8
1.0
x
0.0
0.2
0.4
0.6
0.8
1.0
y
0.0
0.2
0.4
0.6
0.8
1.0

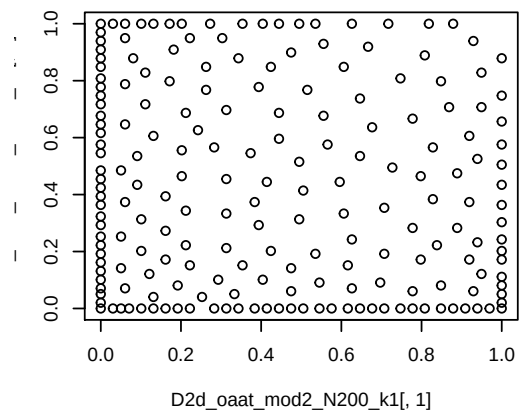
# One-at-a-Time Algorithm, k = 1, N = 100, 200, 300

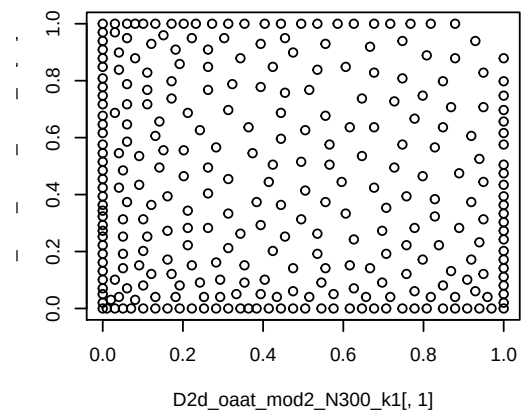


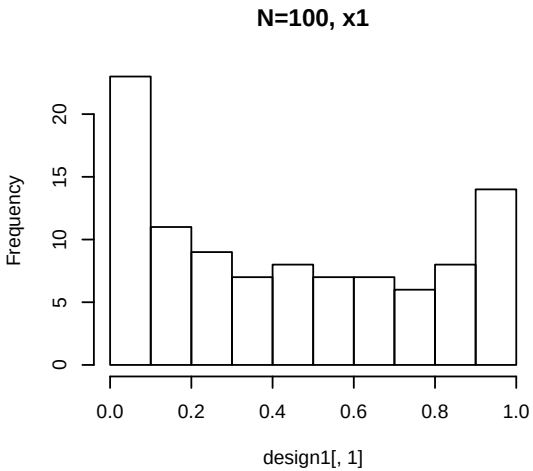



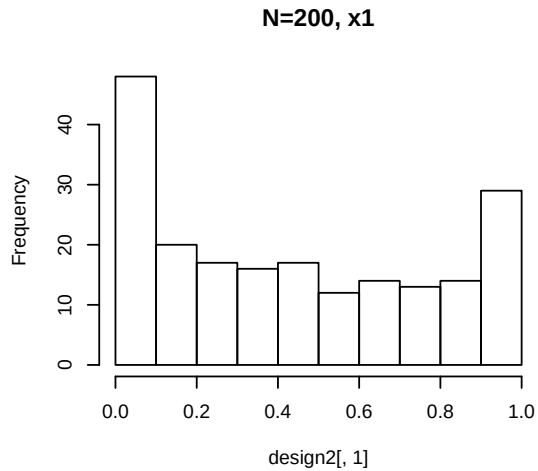



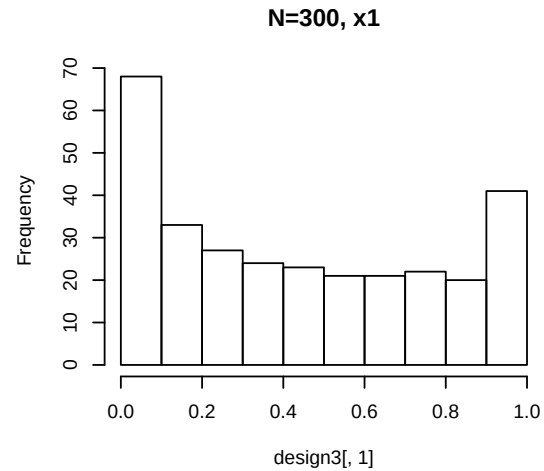



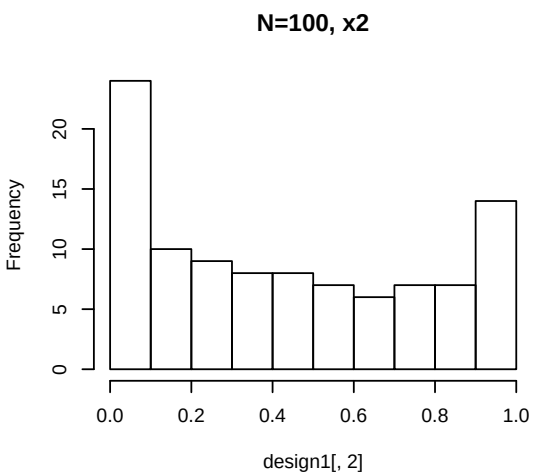



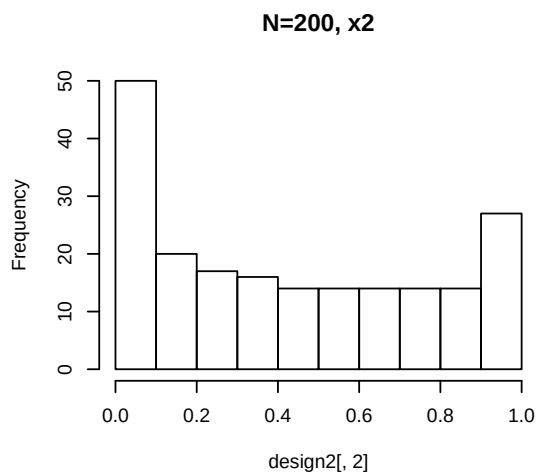



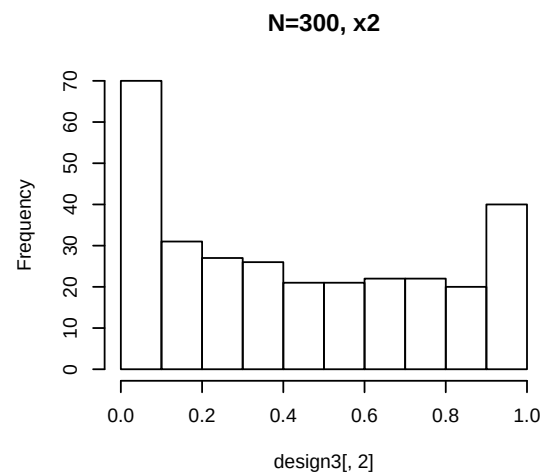

N=100, x1
Frequency
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
design1[, 1]


N=200, x1
Frequency
0
10
20
30
40
0.0
0.2
0.4
0.6
0.8
1.0
design2[, 1]

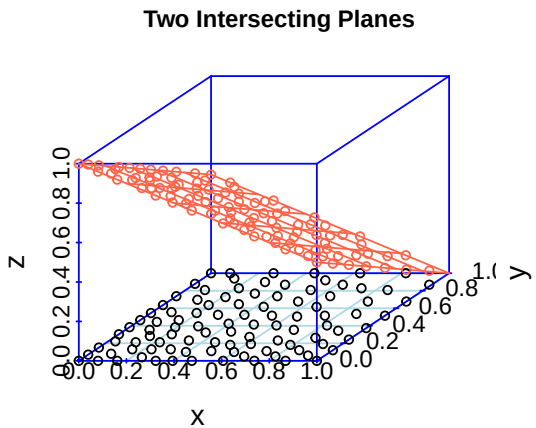

N=300, x1
Frequency
0
10
20
30
40
50
60
70
0.0
0.2
0.4
0.6
0.8
1.0
design3[, 1]

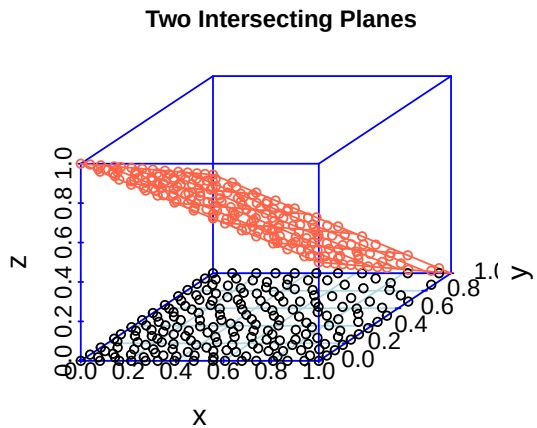

N=100, x2
Frequency
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
design1[, 2]

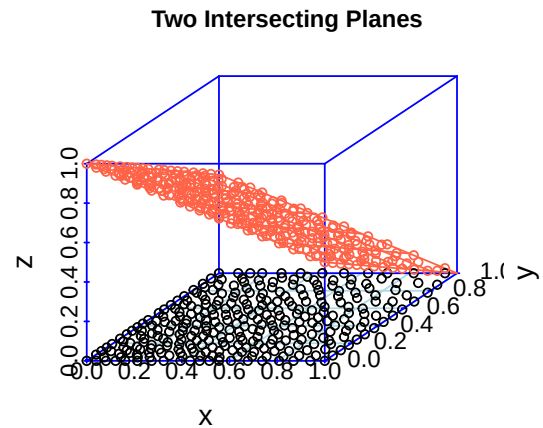

N=200, x2
Frequency
0
10
20
30
40
50
0.0
0.2
0.4
0.6
0.8
1.0
design2[, 2]

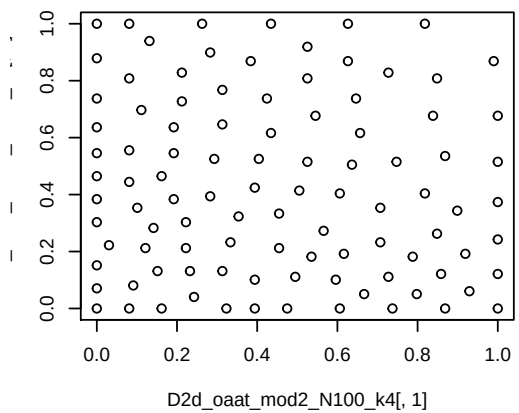

N=300, x2
Frequency
0
10
20
30
40
50
60
70
0.0
0.2
0.4
0.6
0.8
1.0
design3[, 2]

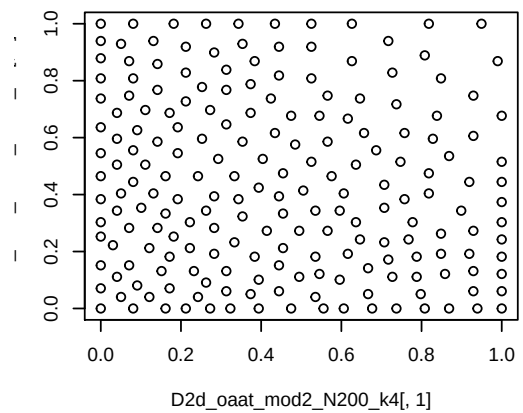
# One-at-a-Time Algorithm, k = 4, N = 100, 200, 300

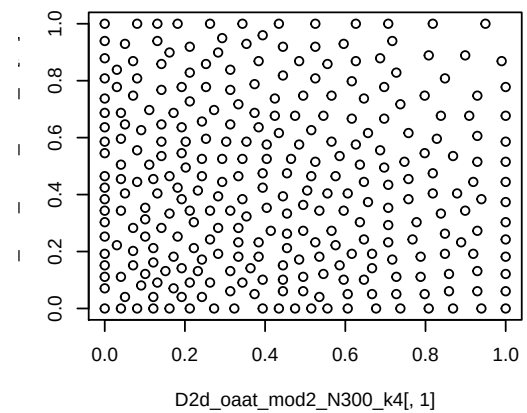


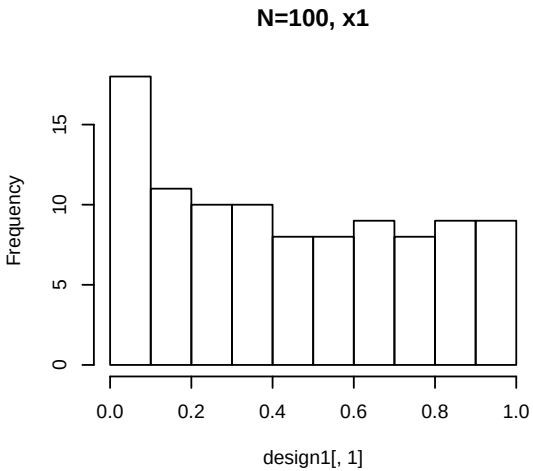



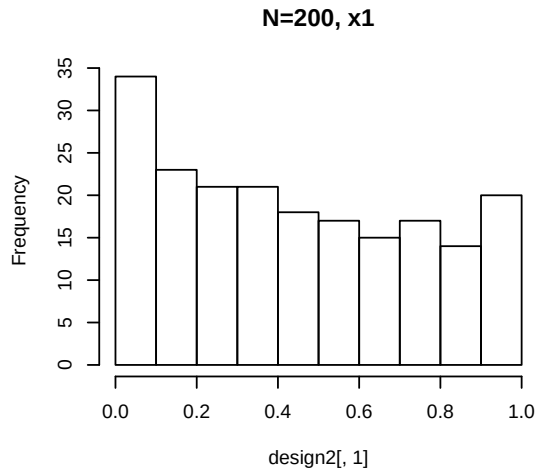



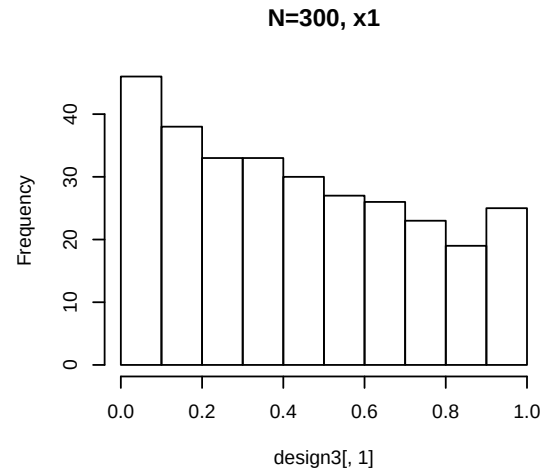



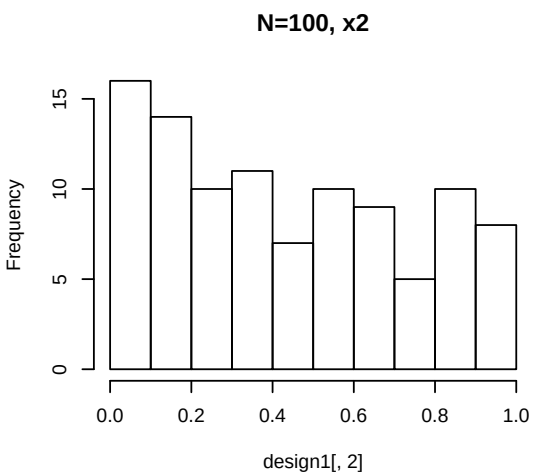



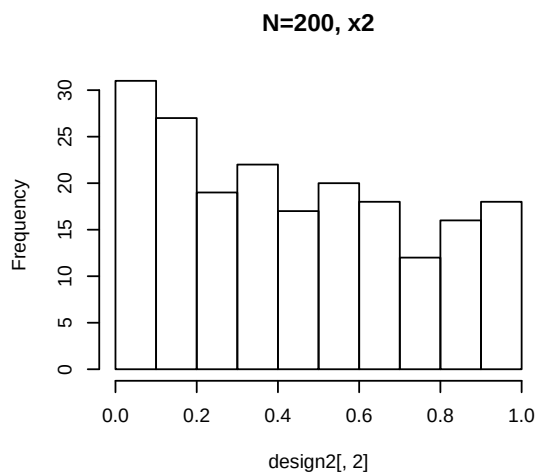



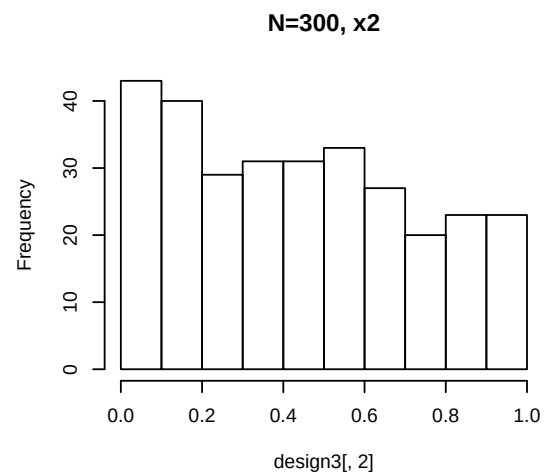

N=100, x1
Frequency
0
5
10
15
0.0
0.2
0.4
0.6
0.8
1.0
design1[, 1]


N=200, x1
Frequency
0
5
10
15
20
25
30
35
0.0
0.2
0.4
0.6
0.8
1.0
design2[, 1]

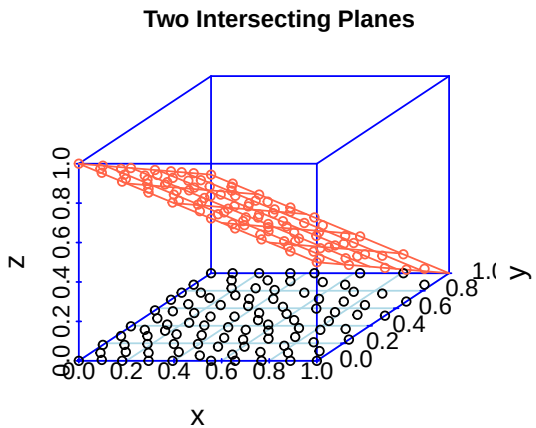

N=300, x1
Frequency
0
10
20
30
40
0.0
0.2
0.4
0.6
0.8
1.0
design3[, 1]

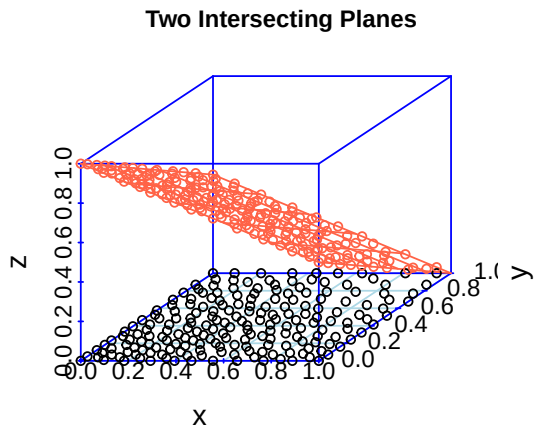

N=100, x2
Frequency
0
5
10
15
0.0
0.2
0.4
0.6
0.8
1.0
design1[, 2]

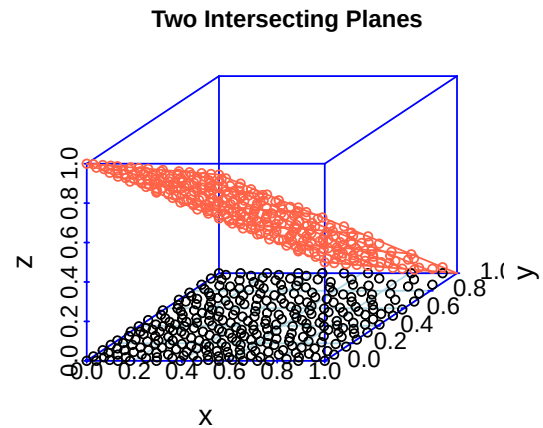

N=200, x2
Frequency
0
5
10
15
20
25
30
0.0
0.2
0.4
0.6
0.8
1.0
design2[, 2]

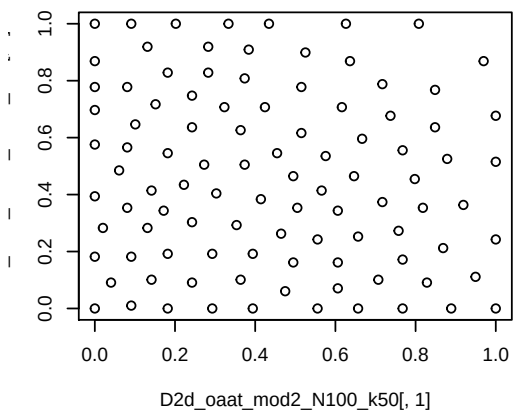

N=300, x2
Frequency
0
10
20
30
40
0.0
0.2
0.4
0.6
0.8
1.0
design3[, 2]

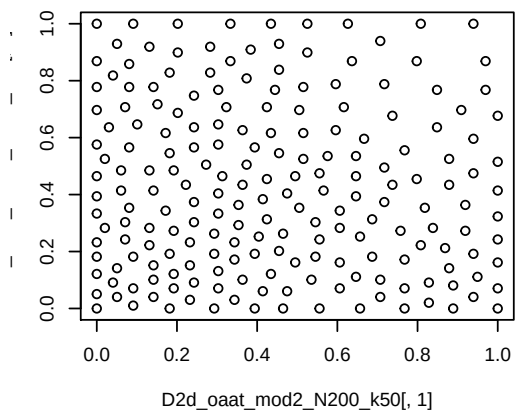
# One-at-a-Time Algorithm, k = 50, N = 100, 200, 300

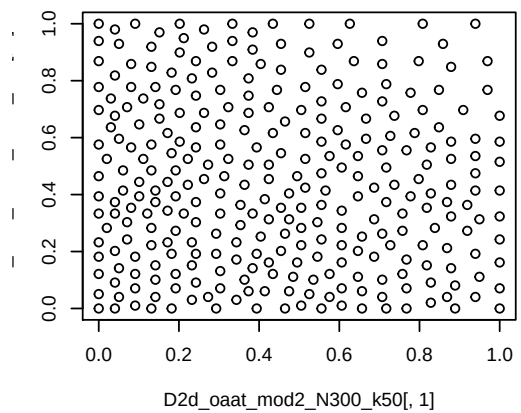


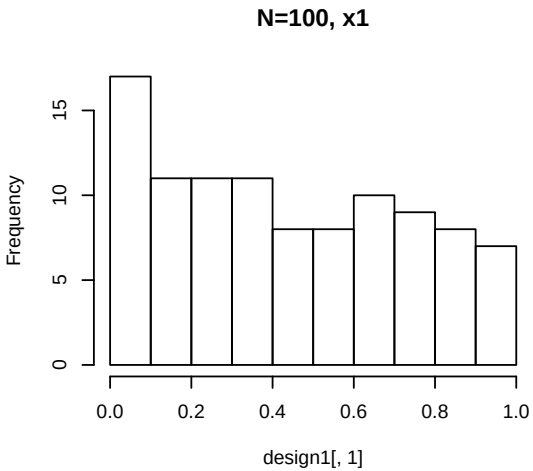



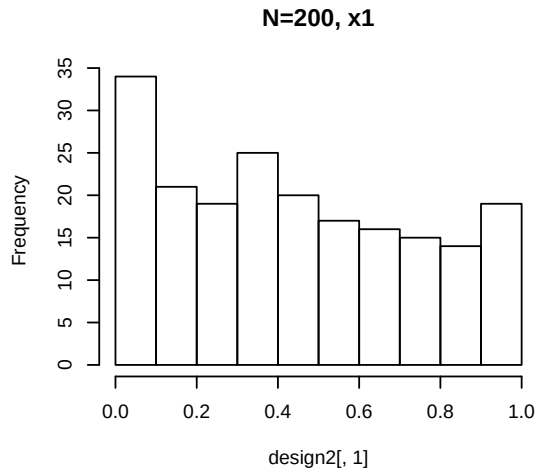



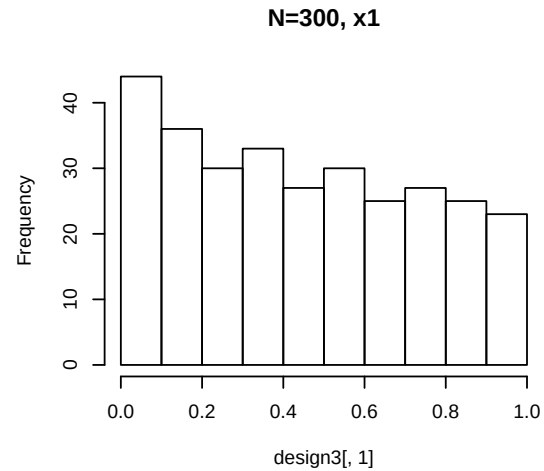



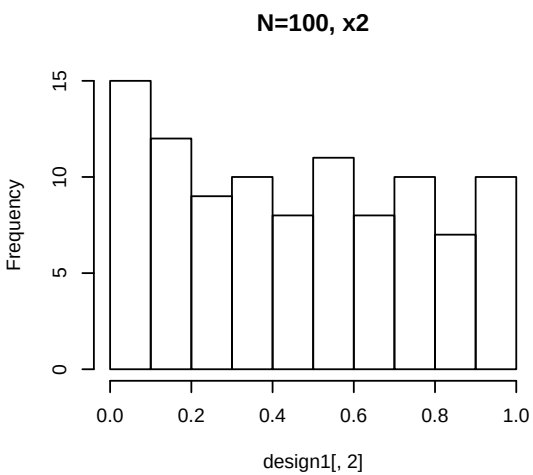



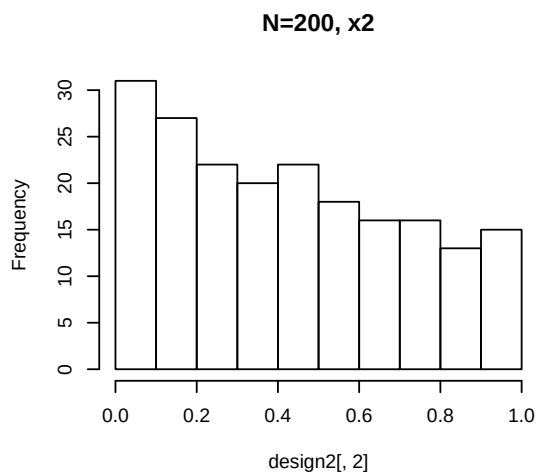



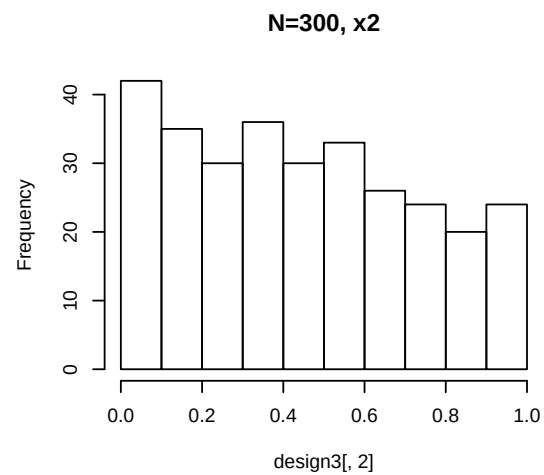

N=100, x1
Frequency
0
5
10
15
0.0
0.2
0.4
0.6
0.8
1.0
design1[, 1]


N=200, x1
Frequency
0
5
10
15
20
25
30
35
0.0
0.2
0.4
0.6
0.8
1.0
design2[, 1]

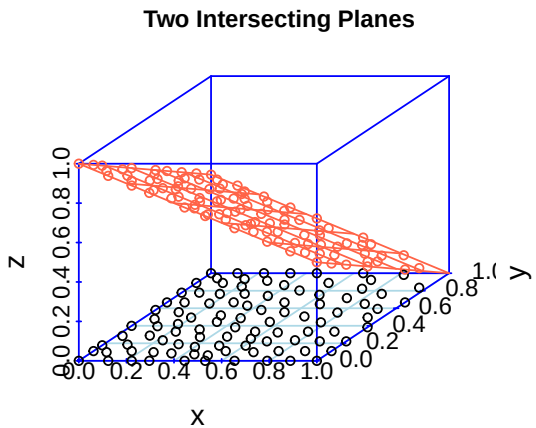

N=300, x1
Frequency
0
10
20
30
40
0.0
0.2
0.4
0.6
0.8
1.0
design3[, 1]

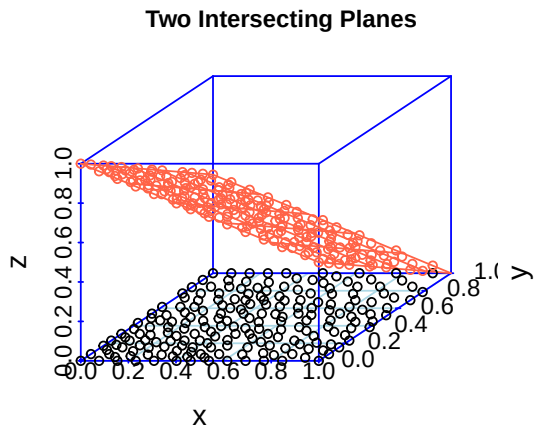

N=100, x2
Frequency
0
5
10
15
0.0
0.2
0.4
0.6
0.8
1.0
design1[, 2]

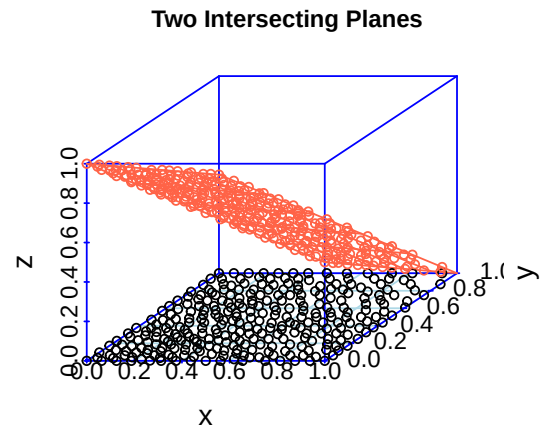

N=200, x2
Frequency
0
5
10
15
20
25
30
0.0
0.2
0.4
0.6
0.8
1.0
design2[, 2]

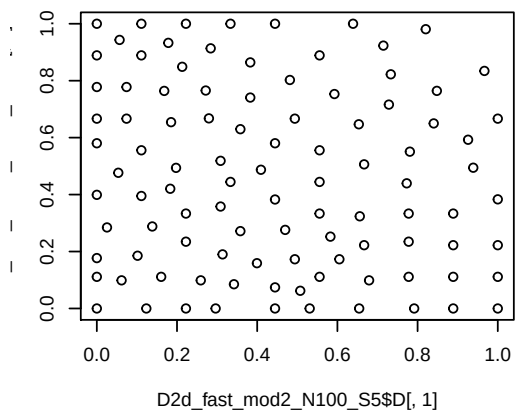

N=300, x2
Frequency
0
10
20
30
40
0.0
0.2
0.4
0.6
0.8
1.0
design3[, 2]

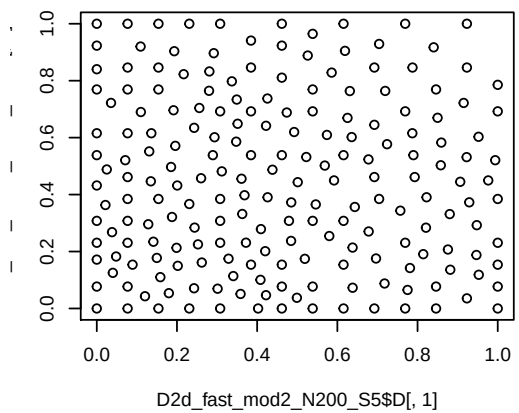
# Fast Algorithm, S = 5, N = 100, 200, 300

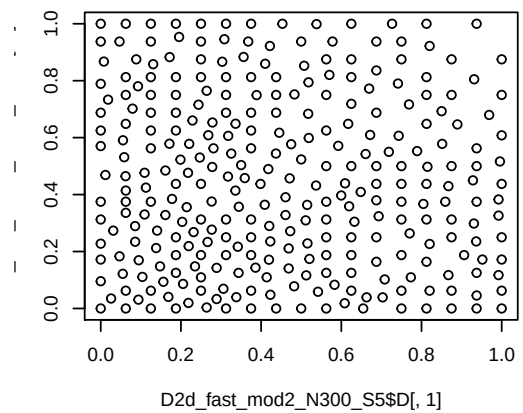


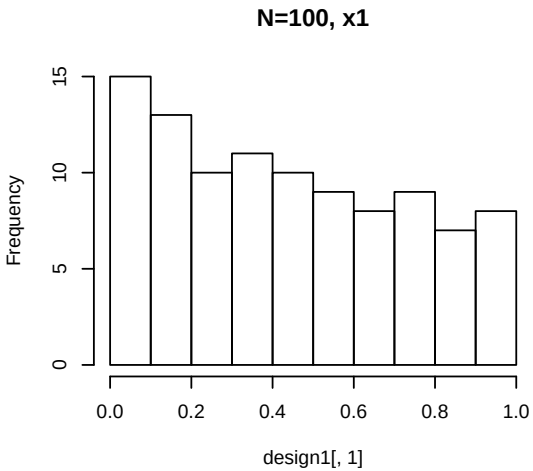



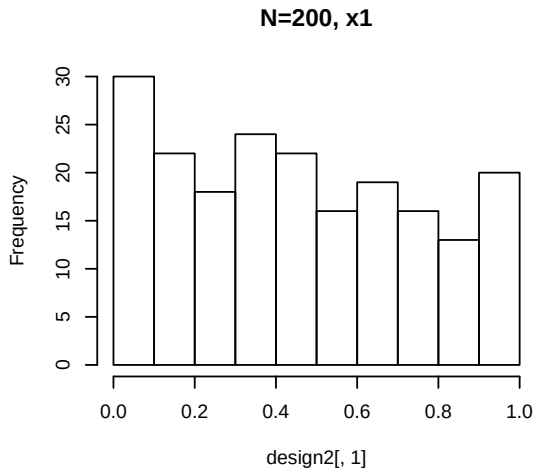



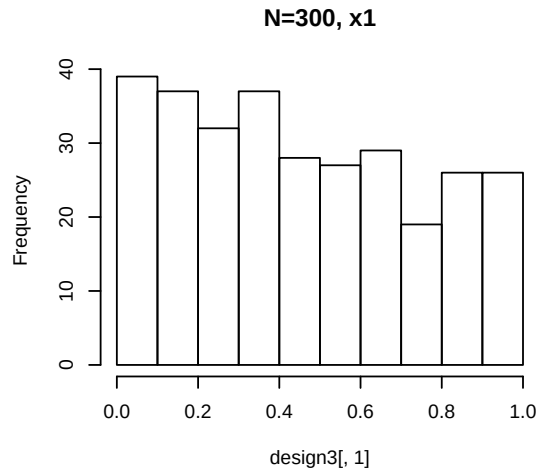



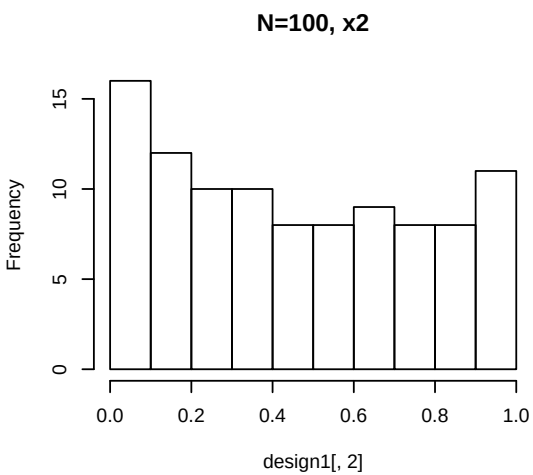



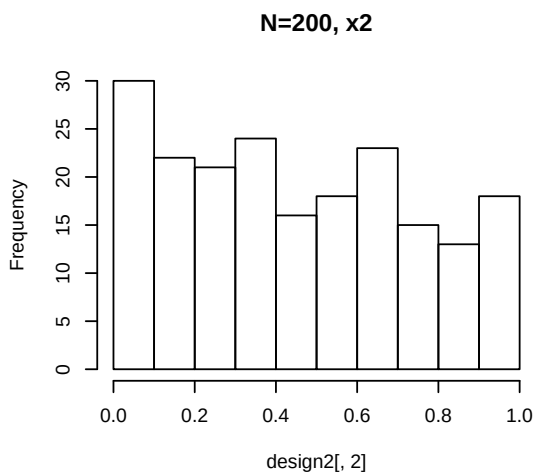



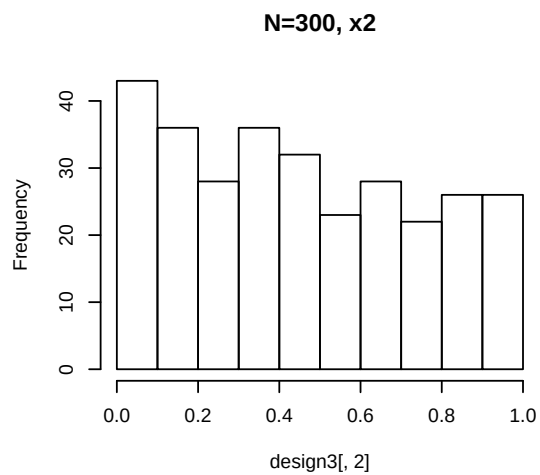

N=100, x1
Frequency
0
5
10
15
0.0
0.2
0.4
0.6
0.8
1.0
design1[, 1]


N=200, x1
Frequency
0
5
10
15
20
25
30
0.0
0.2
0.4
0.6
0.8
1.0
design2[, 1]


N=300, x1
Frequency
0
10
20
30
40
0.0
0.2
0.4
0.6
0.8
1.0
design3[, 1]


N=100, x2
Frequency
0
5
10
15
0.0
0.2
0.4
0.6
0.8
1.0
design1[, 2]


N=200, x2
Frequency
0
5
10
15
20
25
30
0.0
0.2
0.4
0.6
0.8
1.0
design2[, 2]


N=300, x2
Frequency
0
10
20
30
40
0.0
0.2
0.4
0.6
0.8
1.0
design3[, 2]

# Example 2 Evaluations, N = 100

| | 1atT,k=1 | 1atT,k=4 | 1atT,k=50 | Fast,S=5 |
|---|---|---|---|---|
| TPEx10e-3 | 14.364 | 15.186 | 15.641 | 15.355 |
| Fast Crit | 25.163 | 16.395 | 15.294 | 17.351 |
| 1atT Crit (k=4) | 56.53 | 48.13 | 48.564 | 49.618 |
| E[P(H0\|Y,D)\|H0,D] | 1 | 1 | 1 | 1 |
| E[P(H1\|Y,D)\|H0,D] | 9.04e-34 | 2.78e-27 | 1.29e-28 | 1.75e-27 |
| E[BF01 \| H0,D] | 3.23e+55 | 6.91e+51 | 5.49e+49 | 1.74e+50 |
| E[P(H0\|Y,D)\|H1,D] | 9.68e-29 | 2.73e-25 | 3.79e-25 | 1.42e-27 |
| E[P(H1\|Y,D)\|H1,D] | 1 | 1 | 1 | 1 |
| E[BF01\|H1,D] | 9.68e-29 | 2.73e-25 | 3.79e-25 | 1.42e-27 |
| V[B0\|Y,X] | 0.000723 | 0.000788 | 0.000847 | 0.000838 |
| V[B1\|Y,X] | 0.0014 | 0.00159 | 0.00169 | 0.00164 |
| V[B2\|Y,X] | 0.0014 | 0.00162 | 0.00162 | 0.00156 |

# Example 2 Evaluations, N = 200

| | 1atT,k=1 | 1atT,k=4 | 1atT,k=50 | Fast,S=5 |
|---|---|---|---|---|
| TPEx10e-3 | 61.195 | 64.639 | 66.003 | 66.335 |
| Fast Crit | 62.579 | 24.731 | 21.455 | 23.745 |
| 1atT Crit (k=4) | 122.19 | 84.472 | 84.789 | 85.837 |
| E[P(H0\|Y,D)\|H0,D] | 1 | 1 | 1 | 1 |
| E[P(H1\|Y,D)\|H0,D] | 7.58e-36 | 1.05e-31 | 1.59e-28 | 6.53e-30 |
| E[BF01 \| H0,D] | 6.88e+64 | 2.66e+62 | 1.52e+66 | 2.88e+63 |
| E[P(H0\|Y,D)\|H1,D] | 2.78e-36 | 5.23e-35 | 2.08e-34 | 3.89e-35 |
| E[P(H1\|Y,D)\|H1,D] | 1 | 1 | 1 | 1 |
| E[BF01\|H1,D] | 2.78e-36 | 5.23e-35 | 2.08e-34 | 3.89e-35 |
| V[B0\|Y,X] | 0.000441 | 0.000516 | 0.000504 | 0.000525 |
| V[B1\|Y,X] | 0.000847 | 0.00101 | 0.00104 | 0.00105 |
| V[B2\|Y,X] | 0.000847 | 0.00102 | 0.00108 | 0.00106 |

# Example 2 Evaluations, N = 300

| | 1atT,k=1 | 1atT,k=4 | 1atT,k=50 | Fast,S=5 |
|---|---|---|---|---|
| TPEx10e-3 | 141.25 | 151.39 | 153.49 | 153.1 |
| Fast Crit | 99.084 | 30.068 | 27.986 | 29.829 |
| 1atT Crit (k=4) | 159 | 116.17 | 117.71 | 118.09 |
| E[P(H0\|Y,D)\|H0,D] | 1 | 1 | 1 | 1 |
| E[P(H1\|Y,D)\|H0,D] | 3.65e-40 | 4.53e-43 | 6.44e-41 | 6.52e-42 |
| E[BF01 \| H0,D] | 1.69e+67 | 9.77e+69 | 3.12e+67 | 7.37e+64 |
| E[P(H0\|Y,D)\|H1,D] | 9.64e-44 | 3.18e-40 | 5.84e-41 | 3.6e-40 |
| E[P(H1\|Y,D)\|H1,D] | 1 | 1 | 1 | 1 |
| E[BF01\|H1,D] | 9.64e-44 | 3.18e-40 | 5.84e-41 | 3.6e-40 |
| V[B0\|Y,X] | 0.000323 | 0.000372 | 0.000394 | 0.000393 |
| V[B1\|Y,X] | 0.000622 | 0.000776 | 0.000782 | 0.000788 |
| V[B2\|Y,X] | 0.000623 | 0.000778 | 0.000796 | 0.000762 |

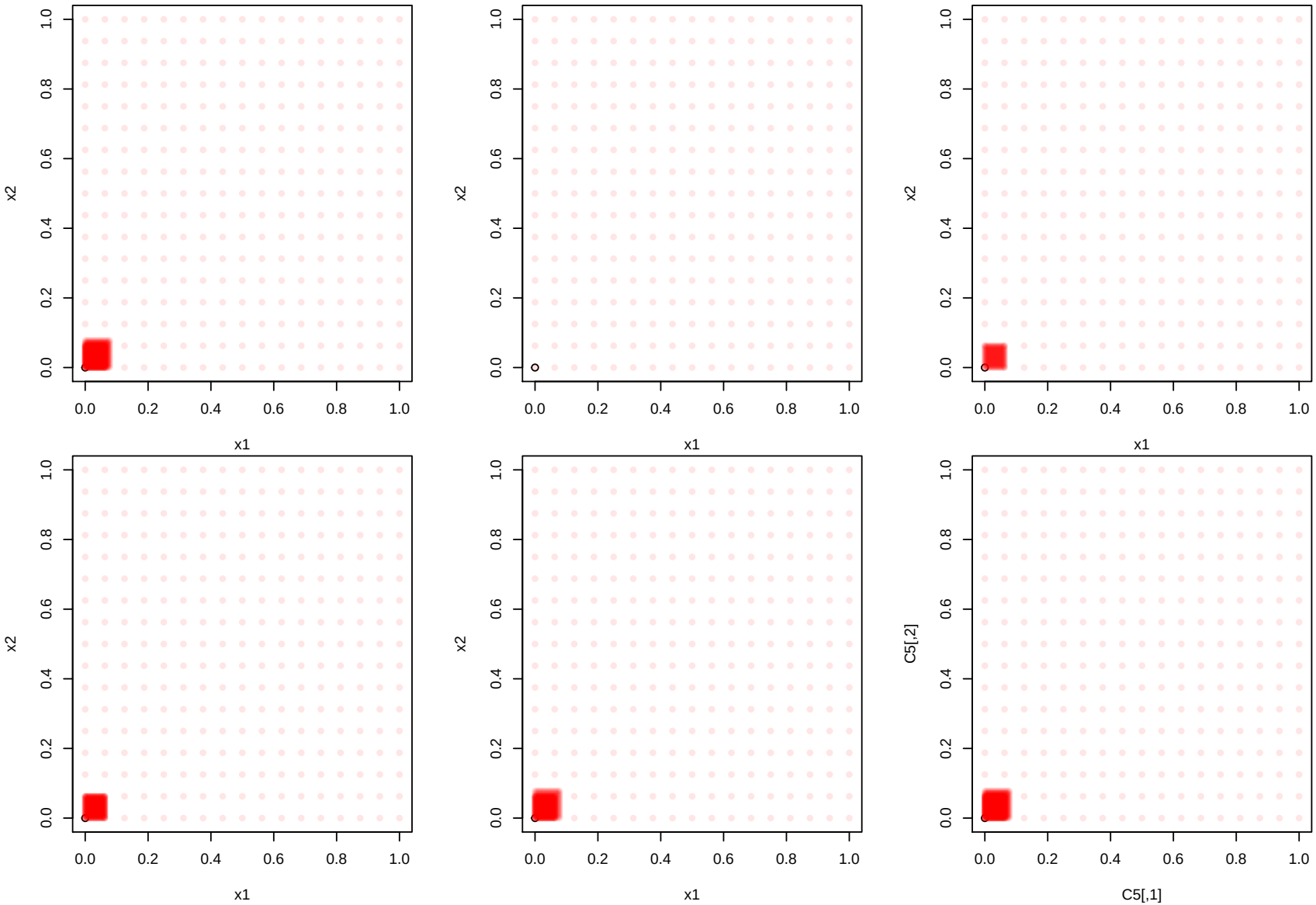
# Compare Example 2 MEDs to Other Designs

# Example 2 Evaluations for Other Designs, N = 100

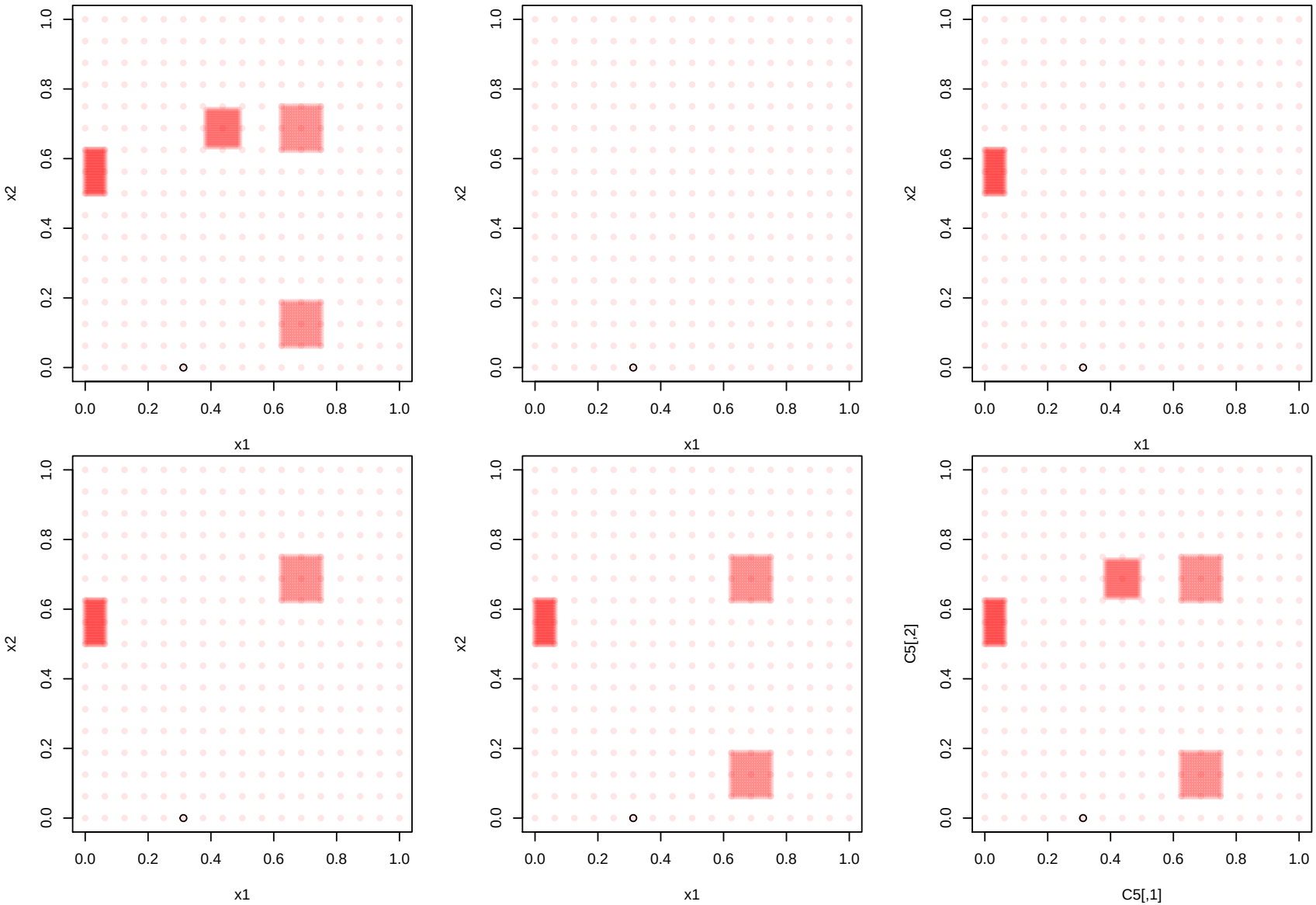
| | 1atT,k=1 | 1atT,k=4 | 1atT,k=50 | Fast,S=5 | D-Opt | Space | Random |
|---|---|---|---|---|---|---|---|
| TPEx10e-3 | 14.364 | 15.186 | 15.641 | 15.355 | Inf | Inf | 20.425 |
| Fast Crit | 25.163 | 16.395 | 15.294 | 17.351 | Inf | Inf | 122.86 |
| 1atT Crit (k=4) | 56.53 | 48.13 | 48.564 | 49.618 | Inf | Inf | 165.77 |
| E[P(H0\|Y,D)\|H0,D] | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| E[P(H1\|Y,D)\|H0,D] | 9.04e-34 | 2.78e-27 | 1.29e-28 | 1.75e-27 | 1.68e-40 | 4.65e-28 | 1.21e-23 |
| E[BF01 \| H0,D] | 3.23e+55 | 6.91e+51 | 5.49e+49 | 1.74e+50 | 1.45e+62 | 3.79e+50 | 1.13e+44 |
| E[P(H0\|Y,D)\|H1,D] | 9.68e-29 | 2.73e-25 | 3.79e-25 | 1.42e-27 | 1.17e-31 | 8.96e-23 | 4.94e-18 |
| E[P(H1\|Y,D)\|H1,D] | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| E[BF01\|H1,D] | 9.68e-29 | 2.73e-25 | 3.79e-25 | 1.42e-27 | 1.17e-31 | 8.96e-23 | 4.94e-18 |
| V[B0\|Y,X] | 0.000723 | 0.000788 | 0.000847 | 0.000838 | 0.000588 | 0.000884 | 0.00106 |
| V[B1\|Y,X] | 0.0014 | 0.00159 | 0.00169 | 0.00164 | 0.000803 | 0.00153 | 0.00189 |
| V[B2\|Y,X] | 0.0014 | 0.00162 | 0.00162 | 0.00156 | 0.000803 | 0.00153 | 0.00186 |

See Behavior of Candidate Sets in Example 2
Fast MED, N = 300

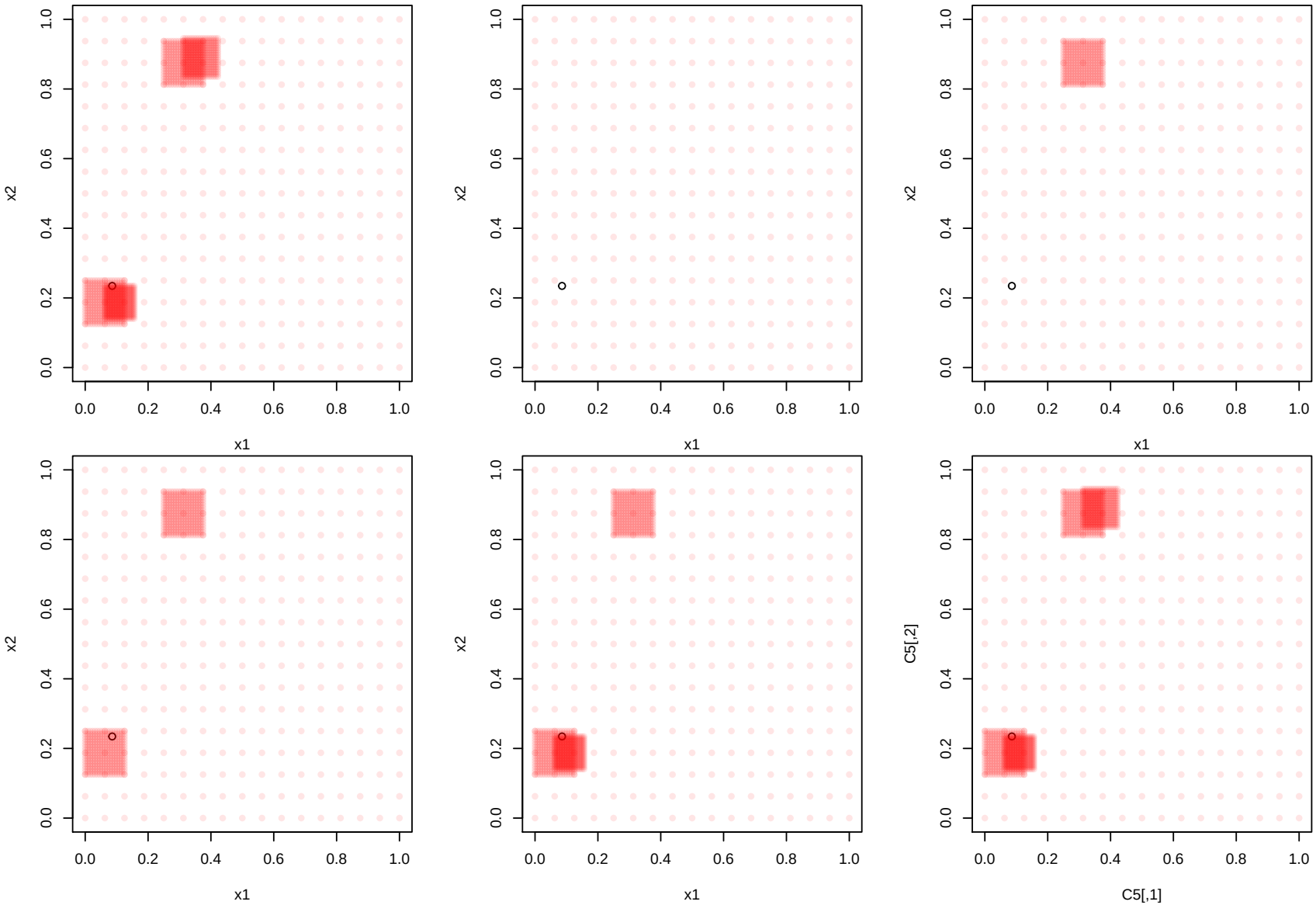
# Candidates for Design Point indexed at 1



# Candidates for Design Point indexed at 10



# Candidates for Design Point indexed at 100



# Candidates for Design Point indexed at 300