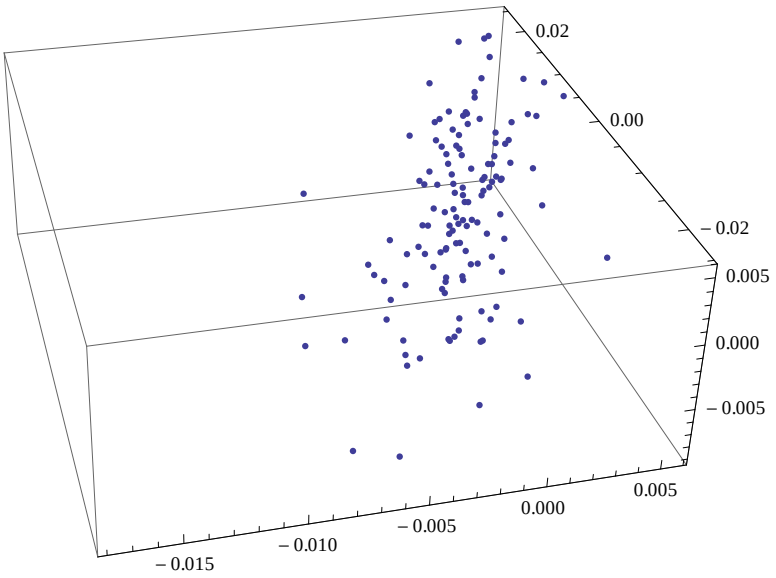
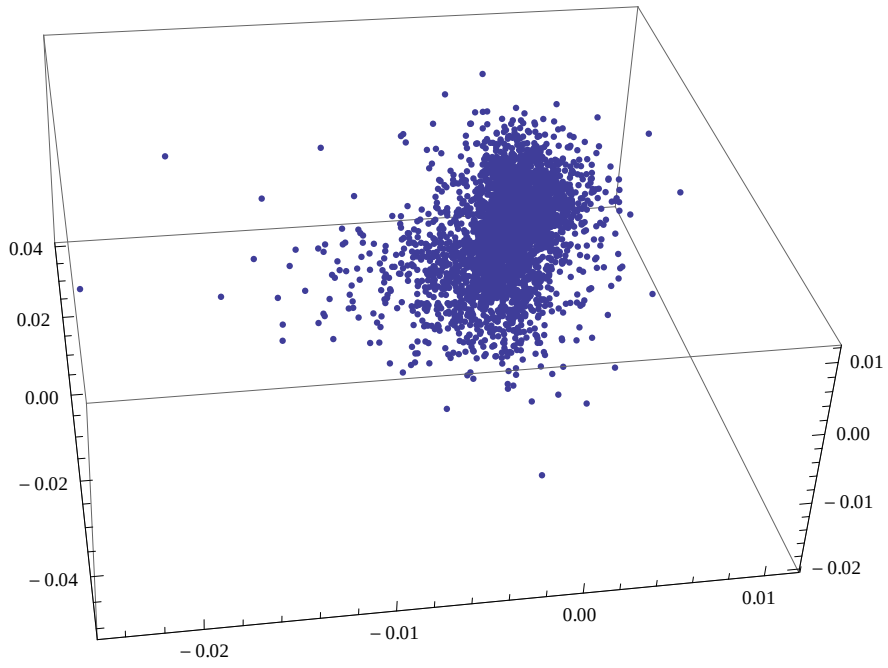
```
R = Import["D:\\Dateien\\NetBeansProjects\\HedgeFit\\eaaa.dat", "Table"];

R = Differences[Log[R]];

ListPointPlot3D[R]
```

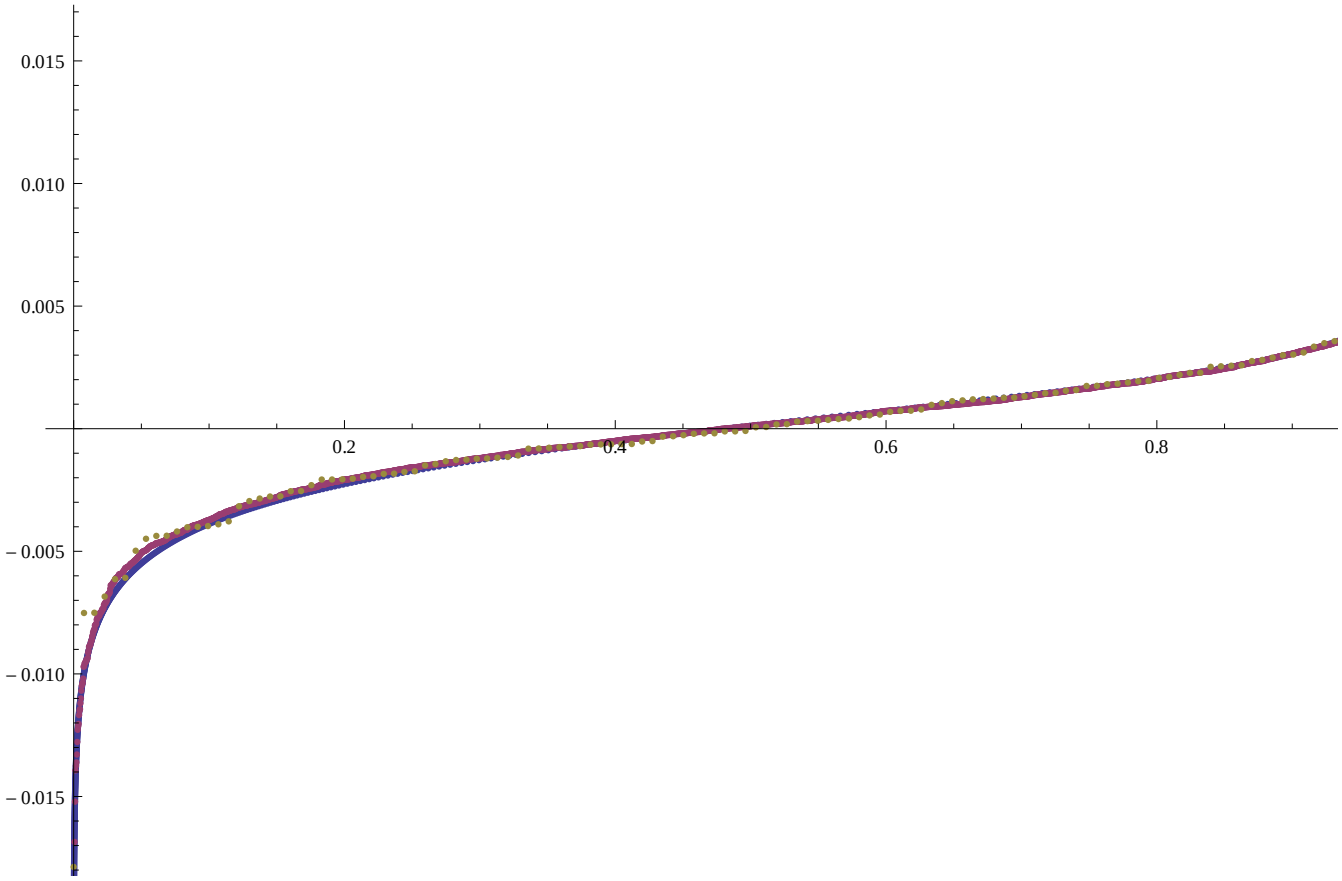


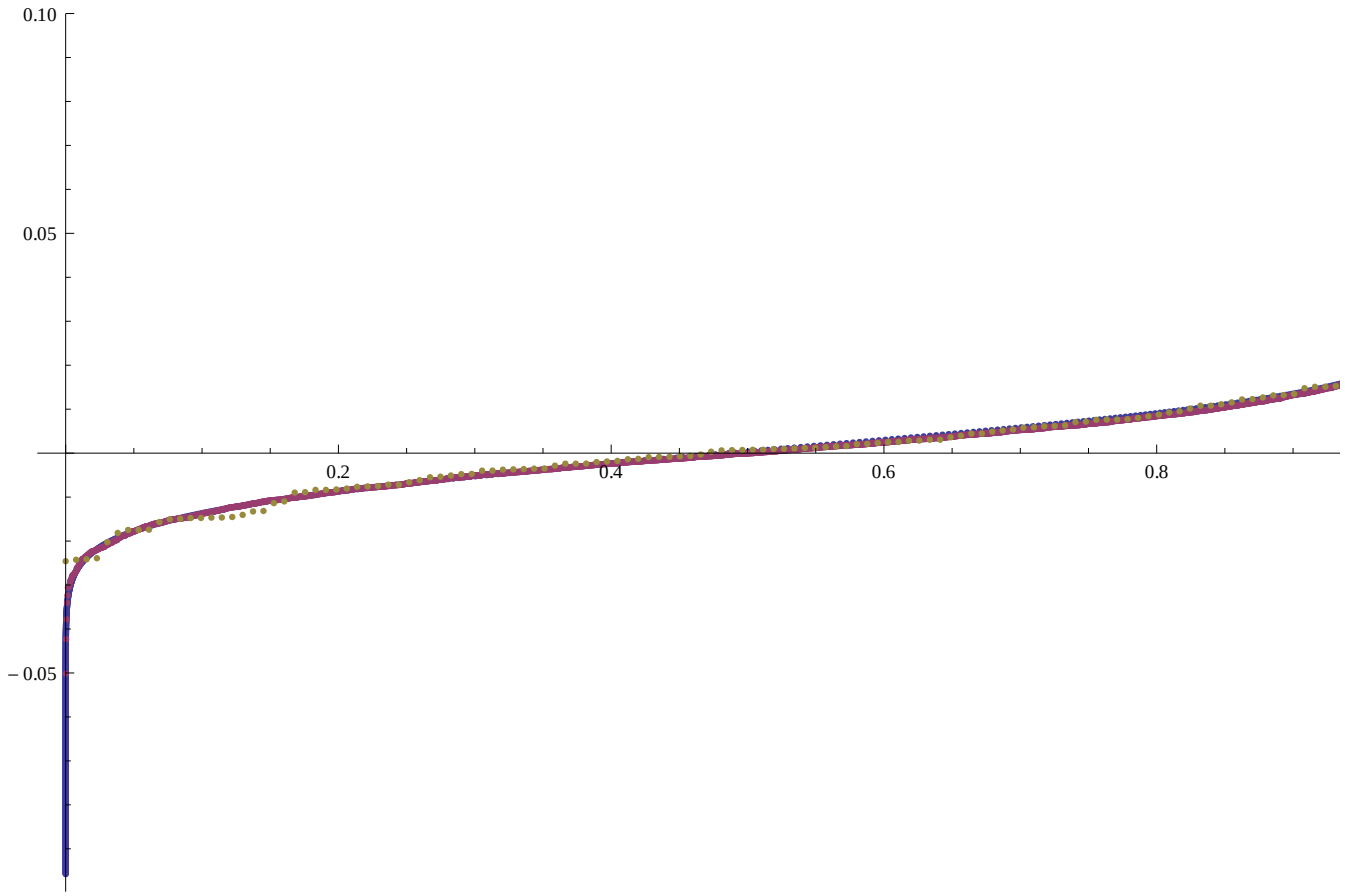

```
RandFit =
  {Drop[Import["D:\\Dateien\\NetBeansProjects\\HedgeFit\\aaa\\eRand1.dat", "Table"],
    1], Drop[Import["D:\\Dateien\\NetBeansProjects\\HedgeFit\\aaa\\eRand2.dat",
     "Table"], 1], Drop[
    Import["D:\\Dateien\\NetBeansProjects\\HedgeFit\\aaa\\eRand3.dat", "Table"], 1]};

S = Import["D:\\Dateien\\NetBeansProjects\\HedgeFit\\aaa\sim.dat", "Table"];
```

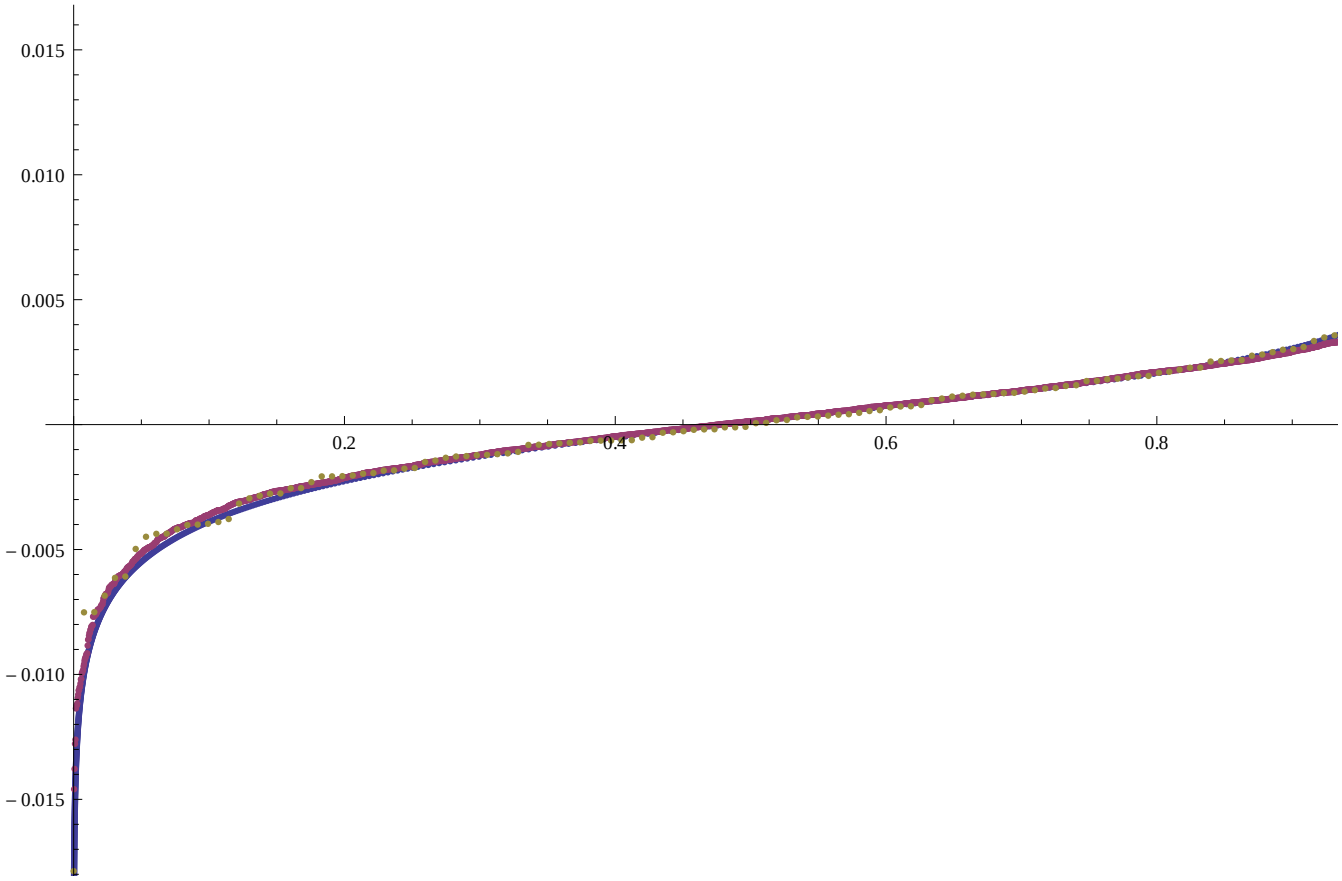
```
ListPointPlot3D[S, PlotRange → All]
```




```
RandS = Table[Sort[Transpose[S][[i]]], {i, 3}];
RandS = Table[Table[{(i – 1) / (Length[RandS[[1]]] – 1), RandS[[j, i]]},
   {i, 1, Length[RandS[[1]]]}], {j, 3}];

RandR = Table[Sort[Transpose[R][[i]]], {i, 3}];
RandR = Table[Table[{(i – 1) / (Length[RandR[[1]]] – 1), RandR[[j, i]]},
   {i, 1, Length[RandR[[1]]]}], {j, 3}];

For[i = 1, i <= 3, i++,
 Print[ListPlot[{RandFit[[i]], RandS[[i]], RandR[[i]]}, Joined → False]]
]
```


0.015
0.010
0.005
0.2
0.4
0.6
0.8
– 0.005
– 0.010
– 0.015


0.10
0.05
0.2
0.4
0.6
0.8
– 0.05




```
Table[Mean[Transpose[S][[i]]], {i, 3}]
```

```
{-0.000175393, -0.000176349, -0.000168065}
```

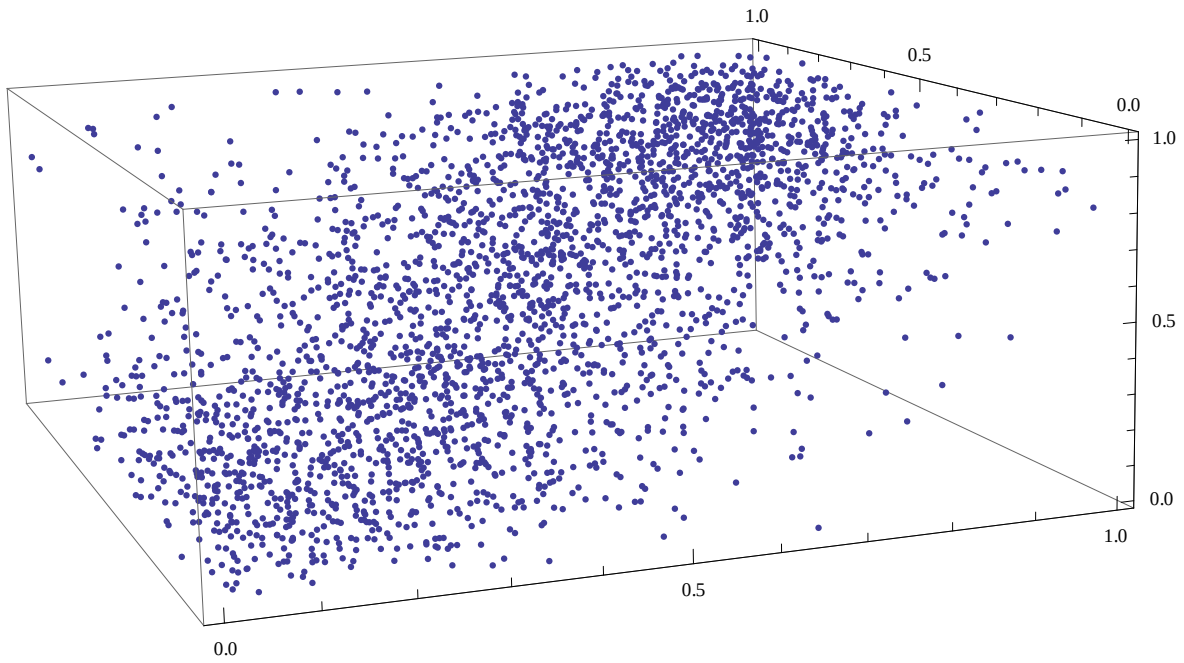
```
Table[Mean[Transpose[RandR[[i]]][[2]]], {i, 3}]
```

```
{-0.000212573, 0.000102284, -0.000212573}
```

```
S = Import["D:\\Dateien\\NetBeansProjects\\HedgeFit\\aaa\\simCopula.dat", "Table"];
```

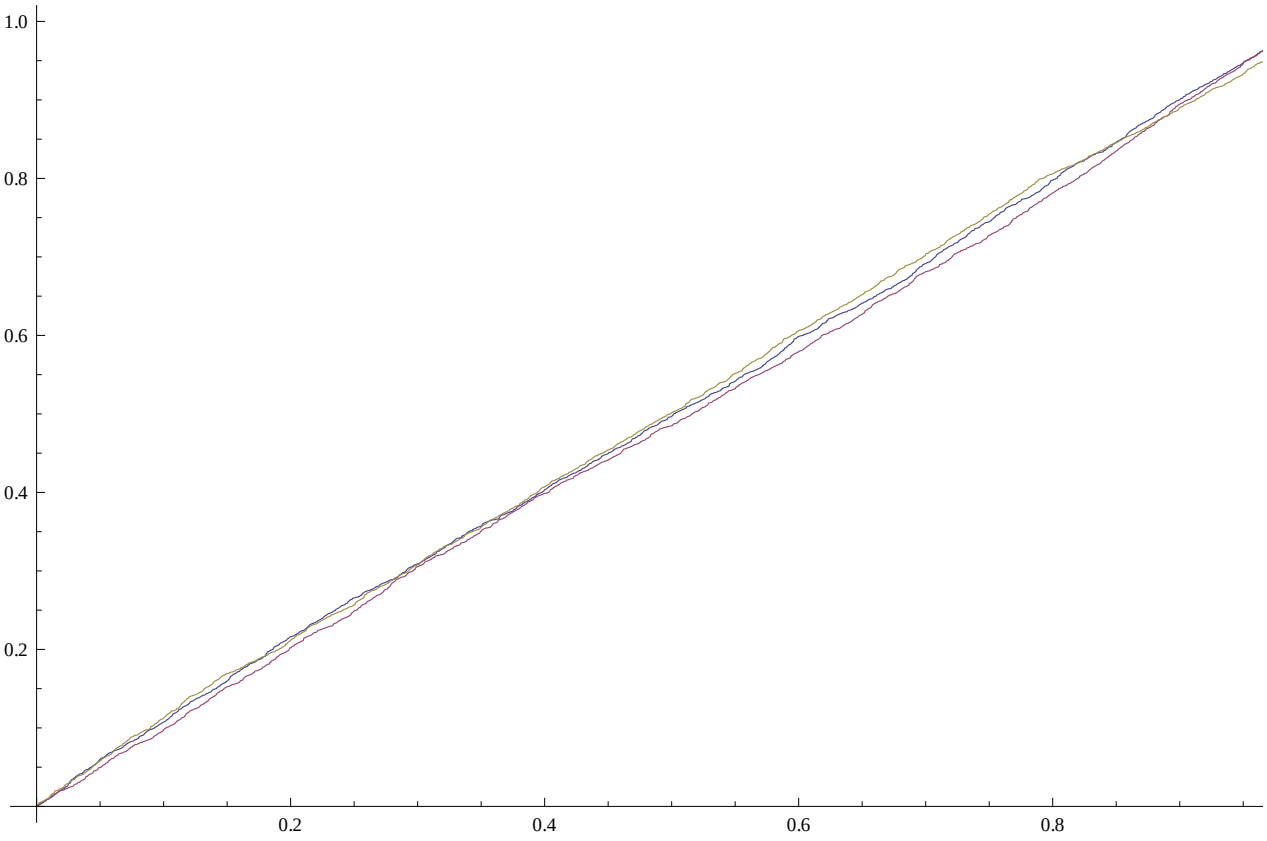
```
RandS = Table[Sort[Transpose[S][[i]]], {i, 3}];
RandS = Table[Table[{(i - 1) / (Length[RandS[[1]]] - 1), RandS[[j, i]]},
    {i, 1, Length[RandS[[1]]]}], {j, 3}];
```

```
ListPointPlot3D[S]
```




```
RandS12 = {#[[1]], #[[2]]} & /@ S;
RandR12 = {#[[1]], #[[2]]} & /@ R;
```

```
ListPlot[RandS, Joined → True ]
```




```
$Aborted
```

```
RandS[[1, 1 ;; 10]] // N
```

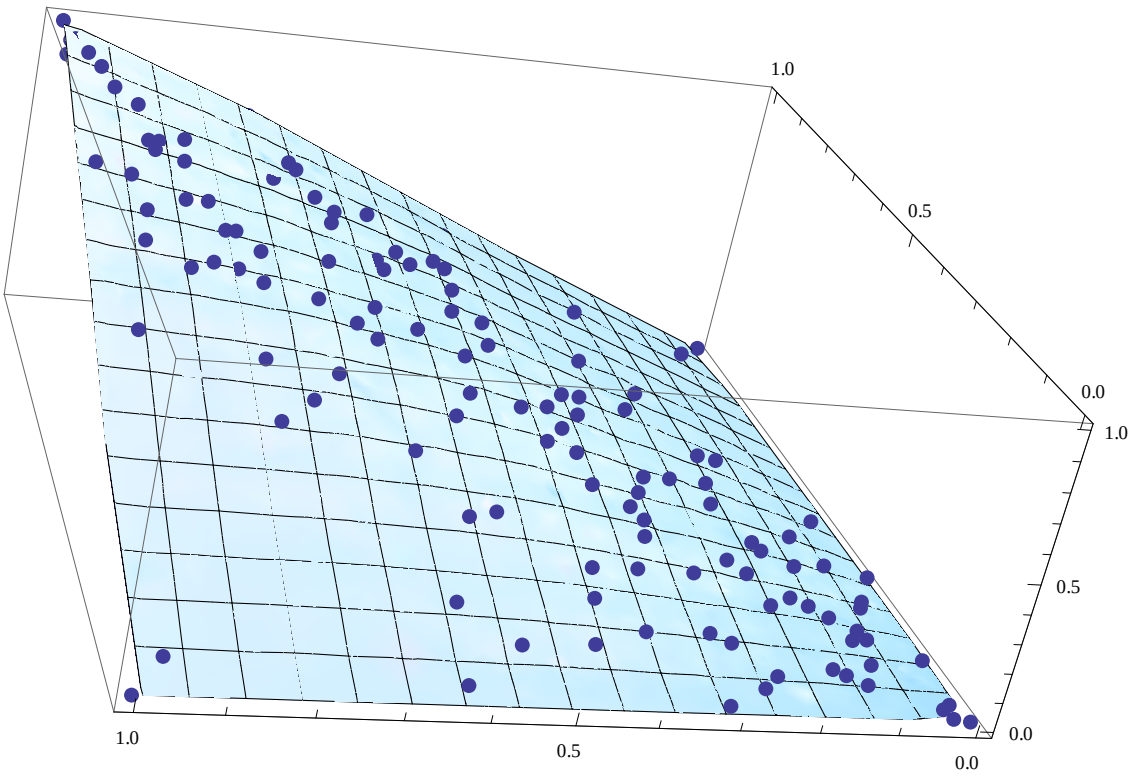
```
{{0., 0.0008}, {0.00050025, 0.001129}, {0.0010005, 0.001869}, {0.00150075, 0.002039},
 {0.002001, 0.002087}, {0.00250125, 0.00215}, {0.0030015, 0.002193},
 {0.00350175, 0.002264}, {0.004002, 0.002558}, {0.00450225, 0.002725}}
```

```
wN = Length[RandS12]; F = {}; For[i = 1, i ≤ wN, i++,
 AppendTo[F, {RandS12[[i, 1]], RandS12[[i, 2]], Length[
      Select[RandS12, #[[1]] <= RandS12[[i, 1]] && #[[2]] <= RandS12[[i, 2]] &]] / wN}];
];
```

```
wN = Length[RandR12]; FR = {}; For[i = 1, i ≤ wN, i++,
 AppendTo[FR, {RandR12[[i, 1]], RandR12[[i, 2]], Length[
      Select[RandR12, #[[1]] <= RandR12[[i, 1]] && #[[2]] <= RandR12[[i, 2]] &]] / wN}];
]
```

```
Co = Table[{Select[RandR[[1]], #[[2]] == FR[[i, 1]] &][[1, 1]],
   Select[RandR[[2]], #[[2]] == FR[[i, 2]] &][[1, 1]], FR[[i, 3]]}, {i, wN}];
AppendTo[Co, {1, 0, 0}]; AppendTo[Co, {0, 1, 0}]; AppendTo[Co, {0, 0, 0}];
AppendTo[Co, {1, 1, 1}];
```

```
Show[ListPointPlot3D[Co, PlotStyle → PointSize[Large]], ListPlot3D[F]]
```




```
RandS12 = {#[[2]], #[[3]]} & /@ S;
RandR12 = {#[[2]], #[[3]]} & /@ R;

wN = Length[RandS12]; F = {}; For[i = 1, i ≤ wN, i++,
 AppendTo[F, {RandS12[[i, 1]], RandS12[[i, 2]], Length[
      Select[RandS12, #[[1]] <= RandS12[[i, 1]] && #[[2]] <= RandS12[[i, 2]] &]] / wN}];
]; AppendTo[F, {1, 0, 0}]; AppendTo[F, {0, 1, 0}]; AppendTo[F, {0, 0, 0}];
AppendTo[F, {1, 1, 1}];

wN = Length[RandR12]; FR = {}; For[i = 1, i ≤ wN, i++,
 AppendTo[FR, {RandR12[[i, 1]], RandR12[[i, 2]], Length[
      Select[RandR12, #[[1]] <= RandR12[[i, 1]] && #[[2]] <= RandR12[[i, 2]] &]] / wN}];
]

Co = Table[{Select[RandR[[2]], #[[2]] == FR[[i, 1]] &][[1, 1]],
   Select[RandR[[3]], #[[2]] == FR[[i, 2]] &][[1, 1]], FR[[i, 3]]}, {i, wN}];
AppendTo[Co, {1, 0, 0}]; AppendTo[Co, {0, 1, 0}]; AppendTo[Co, {0, 0, 0}];
AppendTo[Co, {1, 1, 1}];
```

```
Show[ListPointPlot3D[Co, PlotStyle → PointSize[Large]], ListPlot3D[F]]
```