FooBar

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Abstract

TBD

Contents

1 weights

```
##      [,1]       [,2]       [,3]       [,4]
## [1,]  +0.000000  +1.000000  +2.000000  +3.000000
## [2,]  +1.000000  +0.000000  +4.000000  +5.000000
## [3,]  +2.000000  +4.000000  +0.000000  +6.000000
## [4,]  +3.000000  +5.000000  +6.000000  +0.000000
```

2 normalized weights

```
##      [,1]       [,2]       [,3]       [,4]
## [1,]  +0.000000  +0.047619  +0.095238  +0.142857
## [2,]  +0.047619  +0.000000  +0.190476  +0.238095
## [3,]  +0.095238  +0.190476  +0.000000  +0.285714
## [4,]  +0.142857  +0.238095  +0.285714  +0.000000
```

3 delta

```
##      [,1]       [,2]       [,3]       [,4]
## [1,]  +0.000000  +1.000000  +2.000000  +3.000000
## [2,]  +1.000000  +0.000000  +4.000000  +5.000000
## [3,]  +2.000000  +4.000000  +0.000000  +6.000000
## [4,]  +3.000000  +5.000000  +6.000000  +0.000000
```

4 normalized delta

```
##      [,1]       [,2]       [,3]       [,4]
## [1,]  +0.000000  +0.218218  +0.436436  +0.654654
## [2,]  +0.218218  +0.000000  +0.872872  +1.091089
## [3,]  +0.436436  +0.872872  +0.000000  +1.309307
## [4,]  +0.654654  +1.091089  +1.309307  +0.000000
```

5 v

```
##      [,1]       [,2]       [,3]       [,4]
## [1,]  +0.285714  -0.047619  -0.095238  -0.142857
## [2,]  -0.047619  +0.476190  -0.190476  -0.238095
## [3,]  -0.095238  -0.190476  +0.571429  -0.285714
## [4,]  -0.142857  -0.238095  -0.285714  +0.666667
```

6 vinv

```
##      [,1]       [,2]       [,3]       [,4]
## [1,]  +2.008880  -0.842738  -0.644447  -0.521695
## [2,]  -0.842738  +1.291254  -0.247864  -0.200652
## [3,]  -0.644447  -0.247864  +1.045751  -0.153440
## [4,]  -0.521695  -0.200652  -0.153440  +0.875787
```

7 xold

```
##      [,1]       [,2]
## [1,]  +1.000000  +4.000000
## [2,]  +2.000000  +3.000000
## [3,]  +3.000000  +2.000000
## [4,]  +4.000000  +1.000000
```

8 cross

```
##      [,1]       [,2]       [,3]       [,4]
## [1,]  -0.104167  +0.038690  +0.050595  +0.014881
## [2,]  +0.038690  +0.229167  -0.068452  -0.199405
## [3,]  +0.050595  -0.068452  +0.395833  -0.377976
## [4,]  +0.014881  -0.199405  -0.377976  +0.562500
```

9 xold from eigen

```
##      [,1]       [,2]
## [1,]  -0.023575  +0.001340
## [2,]  -0.169582  -0.460776
## [3,]  -0.551259  +0.324247
## [4,]  +0.744416  +0.135188
```

10 dold

```
##   1          2          3          4
## 1  +0.000000  +0.484633  +0.618644  +0.779567
## 2  +0.484633  +0.000000  +0.872890  +1.091130
## 3  +0.618644  +0.872890  +0.000000  +1.309395
## 4  +0.779567  +1.091130  +1.309395  +0.000000
```

11 scaled xold

```
##      [,1]       [,2]
## [1,]  -0.022884  +0.001301
## [2,]  -0.164615  -0.447279
## [3,]  -0.535112  +0.314749
## [4,]  +0.722611  +0.131228
```

12 scaled dold

```
##   1          2          3          4
## 1  +0.000000  +0.470437  +0.600522  +0.756732
## 2  +0.470437  +0.000000  +0.847322  +1.059169
## 3  +0.600522  +0.847322  +0.000000  +1.271041
## 4  +0.756732  +1.059169  +1.271041  +0.000000
```

13 sold

```
## [1]  +0.003934
```

14 guttman transform

```
##      [,1]       [,2]
## [1,]  -0.029266  -0.001372
## [2,]  -0.163900  -0.442303
## [3,]  -0.533326  +0.312222
## [4,]  +0.726492  +0.131453
```