

CS 459 A4
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Q1 and the graph for Q3 is inside the zip folder as image.

Q3:

2. Steps for value elimination:

This is multiply.

fb,FS,fh,FM,ndg: 0.04000000000000001
fb,FS,fh,fm,NDG: 0.1
FB,FS,fh,FM,NDG: 0.006
FB,FS,FH,FM,NDG: 0.594
FB,FS,FH,fm,ndg: 0.3
FB,fs,fh,FM,NDG: 0.034999999999999996
FB,fs,fh,fm,ndg: 0.1
FB,fs,FH,fm,ndg: 0.0
fb,FS,FH,FM,ndg: 0.36000000000000004
fb,fs,fh,FM,ndg: 0.54
fb,FS,FH,fm,NDG: 0.30000000000000004
fb,fs,fh,fm,NDG: 0.7200000000000001
fb,fs,FH,FM,ndg: 0.36000000000000004
FB,FS,fh,fm,NDG: 0.15
fb,fs,FH,fm,NDG: 0.18000000000000002
FB,fs,FH,FM,NDG: 0.065
fb,FS,fh,FM,NDG: 0.004
fb,FS,fh,fm,ndg: 0.2
FB,FS,fh,FM,ndg: 0.06
FB,FS,FH,FM,ndg: 0.54
FB,fs,fh,FM,ndg: 0.06
FB,FS,FH,fm,NDG: 0.44999999999999996
FB,fs,fh,fm,NDG: 0.08000000000000002
FB,fs,FH,fm,NDG: 0.020000000000000004
fb,FS,FH,FM,NDG: 0.396
fb,FS,FH,fm,ndg: 0.2
fb,fs,fh,FM,NDG: 0.315
fb,fs,fh,fm,ndg: 0.9
FB,FS,fh,fm,ndg: 0.3
fb,fs,FH,FM,NDG: 0.5850000000000001
fb,fs,FH,fm,ndg: 0.0
FB,fs,FH,FM,ndg: 0.04000000000000001
This is multiply.
fb,FS,fh,FM,ndg: 0.0020000000000000005

fb,FS,fh,fm,NDG: 0.005000000000000001
FB,FS,fh,FM,NDG: 3.00000000000000003E-4
FB,FS,FH,FM,NDG: 0.0297
FB,FS,FH,fm,ndg: 0.015
FB,fs,fh,FM,NDG: 0.03324999999999995
FB,fs,fh,fm,ndg: 0.095
FB,fs,FH,fm,ndg: 0.0
fb,FS,FH,FM,ndg: 0.018000000000000002
fb,fs,fh,FM,ndg: 0.513
fb,FS,FH,fm,NDG: 0.015000000000000003
fb,fs,fh,fm,NDG: 0.684
fb,fs,FH,FM,ndg: 0.342
FB,FS,fh,fm,NDG: 0.0075
fb,fs,FH,fm,NDG: 0.171
FB,fs,FH,FM,NDG: 0.06175
fb,FS,fh,FM,NDG: 2.0E-4
fb,FS,fh,fm,ndg: 0.010000000000000002
FB,FS,fh,FM,ndg: 0.003
FB,FS,FH,FM,ndg: 0.027000000000000003
FB,fs,fh,FM,ndg: 0.05699999999999995
FB,FS,FH,fm,NDG: 0.0225
FB,fs,fh,fm,NDG: 0.07600000000000001
FB,fs,FH,fm,NDG: 0.019000000000000003
fb,FS,FH,FM,NDG: 0.0198
fb,FS,FH,fm,ndg: 0.010000000000000002
fb,fs,fh,FM,NDG: 0.29924999999999996
fb,fs,fh,fm,ndg: 0.855
FB,FS,fh,fm,ndg: 0.015
fb,fs,FH,FM,NDG: 0.5557500000000001
fb,fs,FH,fm,ndg: 0.0
FB,fs,FH,FM,ndg: 0.038000000000000006
This is multiply.
fb,FS,fh,FM,ndg: 7.142857142857145E-5
fb,FS,fh,fm,NDG: 0.004821428571428573
FB,FS,fh,FM,NDG: 1.0714285714285714E-5
FB,FS,FH,FM,NDG: 0.0010607142857142857
FB,FS,FH,fm,ndg: 0.014464285714285714
FB,fs,fh,FM,NDG: 0.0011874999999999998
FB,fs,fh,fm,ndg: 0.09160714285714286
FB,fs,FH,fm,ndg: 0.0
fb,FS,FH,FM,ndg: 6.428571428571429E-4
fb,fs,fh,FM,ndg: 0.018321428571428572
fb,FS,FH,fm,NDG: 0.014464285714285718

fb,fs,fh,fm,NDG: 0.6595714285714286
fb,fs,FH,FM,ndg: 0.012214285714285714
FB,FS,fh,fm,NDG: 0.007232142857142857
fb,fs,FH,fm,NDG: 0.16489285714285715
FB,fs,FH,FM,NDG: 0.0022053571428571426
fb,FS,fh,FM,NDG: 7.142857142857143E-6
fb,FS,fh,fm,ndg: 0.009642857142857146
FB,FS,fh,FM,ndg: 1.0714285714285714E-4
FB,FS,FH,FM,ndg: 9.642857142857144E-4
FB,fs,fh,FM,ndg: 0.0020357142857142852
FB,FS,FH,fm,NDG: 0.02169642857142857
FB,fs,fh,fm,NDG: 0.0732857142857143
FB,fs,FH,fm,NDG: 0.018321428571428575
fb,FS,FH,FM,NDG: 7.071428571428571E-4
fb,FS,FH,fm,ndg: 0.009642857142857146
fb,fs,fh,FM,NDG: 0.010687499999999997
fb,fs,fh,fm,ndg: 0.8244642857142858
FB,FS,fh,fm,ndg: 0.014464285714285714
fb,fs,FH,FM,NDG: 0.01984821428571429
fb,fs,FH,fm,ndg: 0.0
FB,fs,FH,FM,ndg: 0.0013571428571428573
This is multiply.
fb,fs,fh,FM,NDG,NA: 0.003206249999999999
fb,fs,fh,FM,NDG,na: 0.0074812499999999975
FB,fs,FH,fm,ndg,NA: 0.0
FB,fs,FH,fm,ndg,na: 0.0
FB,fs,FH,fm,NDG,NA: 0.005496428571428572
FB,fs,FH,fm,NDG,na: 0.012825000000000001
fb,fs,FH,fm,ndg,NA: 0.0
fb,fs,FH,fm,ndg,na: 0.0
fb,fs,FH,fm,NDG,NA: 0.04946785714285714
fb,fs,FH,fm,NDG,na: 0.115425
FB,FS,fh,FM,ndg,NA: 3.214285714285714E-5
FB,FS,fh,FM,ndg,na: 7.5E-5
fb,FS,fh,FM,ndg,NA: 2.1428571428571435E-5
fb,FS,fh,FM,ndg,na: 5.000000000000001E-5
FB,FS,fh,fm,NDG,NA: 0.002169642857142857
FB,FS,fh,fm,NDG,na: 0.005062499999999999
FB,FS,FH,FM,NDG,NA: 3.182142857142857E-4
FB,FS,FH,FM,NDG,na: 7.425E-4
FB,FS,FH,fm,ndg,NA: 0.004339285714285714
FB,FS,FH,fm,ndg,na: 0.010124999999999999
FB,fs,fh,FM,NDG,NA: 3.562499999999999E-4

FB,fs,fh,FM,NDG,na: 8.312499999999997E-4
FB,fs,fh,fm,ndg,NA: 0.027482142857142858
FB,fs,fh,fm,ndg,na: 0.064125
FB,fs,FH,FM,ndg,NA: 4.0714285714285717E-4
FB,fs,FH,FM,ndg,na: 9.500000000000001E-4
fb,FS,fh,fm,NDG,NA: 0.0014464285714285718
fb,FS,fh,fm,NDG,na: 0.0033750000000000001
fb,FS,FH,FM,NDG,NA: 2.1214285714285714E-4
fb,FS,FH,FM,NDG,na: 4.95E-4
fb,FS,FH,fm,ndg,NA: 0.0028928571428571436
fb,FS,FH,fm,ndg,na: 0.0067500000000000002
fb,fs,fh,fm,ndg,NA: 0.2473392857142857
fb,fs,fh,fm,ndg,na: 0.577125
fb,fs,FH,FM,ndg,NA: 0.003664285714285714
fb,fs,FH,FM,ndg,na: 0.008549999999999999
fb,FS,FH,fm,NDG,NA: 0.004339285714285715
fb,FS,FH,fm,NDG,na: 0.0101250000000000002
FB,fs,fh,fm,NDG,NA: 0.02198571428571429
FB,fs,fh,fm,NDG,na: 0.0513000000000000005
FB,fs,FH,FM,NDG,NA: 6.616071428571427E-4
FB,fs,FH,FM,NDG,na: 0.0015437499999999998
fb,fs,fh,fm,NDG,NA: 0.19787142857142856
fb,fs,fh,fm,NDG,na: 0.4617
fb,fs,FH,FM,NDG,NA: 0.005954464285714286
fb,fs,FH,FM,NDG,na: 0.0138937500000000002
FB,FS,fh,FM,NDG,NA: 3.2142857142857143E-6
FB,FS,fh,FM,NDG,na: 7.499999999999999E-6
FB,FS,fh,fm,ndg,NA: 0.004339285714285714
FB,FS,fh,fm,ndg,na: 0.010124999999999999
FB,FS,FH,FM,ndg,NA: 2.892857142857143E-4
FB,FS,FH,FM,ndg,na: 6.75E-4
fb,FS,fh,FM,NDG,NA: 2.1428571428571427E-6
fb,FS,fh,FM,NDG,na: 4.9999999999999996E-6
fb,FS,fh,fm,ndg,NA: 0.0028928571428571436
fb,FS,fh,fm,ndg,na: 0.0067500000000000002
fb,FS,FH,FM,ndg,NA: 1.9285714285714286E-4
fb,FS,FH,FM,ndg,na: 4.5000000000000004E-4
FB,fs,fh,FM,ndg,NA: 6.107142857142855E-4
FB,fs,fh,FM,ndg,na: 0.0014249999999999996
FB,FS,FH,fm,NDG,NA: 0.006508928571428571
FB,FS,FH,fm,NDG,na: 0.0151875
fb,fs,fh,FM,ndg,NA: 0.005496428571428571
fb,fs,fh,FM,ndg,na: 0.012825

this is the 5th

This is multiply.

FB,fs,FH,fm,NDG,NA,: 0.002748214285714286
FB,fs,FH,fm,NDG,na,: 0.0
fb,fs,FH,fm,NDG,na,: 0.0
FB,fs,FH,fm,ndg,NA,: 0.0
FB,fs,FH,fm,ndg,na,: 0.0
fb,fs,FH,fm,NDG,NA,: 0.02473392857142857
FB,FS,fh,fm,ndg,NA,: 0.002169642857142857
FB,FS,fh,fm,ndg,na,: 0.010124999999999999
FB,FS,fh,fm,NDG,na,: 0.0
fb,FS,fh,fm,ndg,NA,: 0.0014464285714285718
fb,FS,fh,fm,ndg,na,: 0.006750000000000002
fb,FS,fh,fm,NDG,NA,: 7.232142857142859E-4
fb,FS,fh,fm,NDG,na,: 0.0
fb,FS,FH,FM,NDG,NA,: 1.6971428571428574E-4
fb,FS,FH,FM,NDG,na,: 1.9800000000000002E-4
FB,FS,FH,fm,ndg,na,: 0.010124999999999999
fb,fs,fh,fm,NDG,NA,: 0.09893571428571428
fb,fs,fh,fm,NDG,na,: 0.0
FB,fs,fh,FM,ndg,NA,: 1.221428571428571E-4
FB,fs,fh,FM,ndg,na,: 8.549999999999997E-4
fb,FS,FH,fm,ndg,NA,: 0.0014464285714285718
fb,FS,FH,fm,ndg,na,: 0.006750000000000002
fb,fs,fh,FM,ndg,NA,: 0.0010992857142857143
fb,fs,fh,FM,ndg,na,: 0.007695
fb,fs,FH,FM,ndg,NA,: 7.328571428571428E-4
fb,fs,FH,FM,ndg,na,: 0.005129999999999999
FB,FS,FH,FM,NDG,NA,: 2.545714285714286E-4
FB,FS,FH,FM,NDG,na,: 2.97E-4
FB,FS,FH,fm,ndg,NA,: 0.002169642857142857
FB,fs,fh,fm,NDG,NA,: 0.010992857142857144
FB,fs,fh,fm,NDG,na,: 0.0
FB,fs,FH,FM,NDG,NA,: 5.292857142857142E-4
FB,fs,FH,FM,NDG,na,: 6.175E-4
fb,FS,fh,FM,ndg,NA,: 4.285714285714287E-6
fb,FS,fh,FM,ndg,na,: 3.0000000000000004E-5
FB,fs,FH,FM,ndg,NA,: 8.142857142857143E-5
FB,fs,FH,FM,ndg,na,: 5.7000000000000001E-4
fb,fs,FH,FM,NDG,NA,: 0.0047635714285714295
FB,FS,fh,FM,NDG,na,: 3.0E-6
FB,FS,fh,FM,NDG,NA,: 2.5714285714285716E-6
fb,FS,fh,FM,NDG,NA,: 1.7142857142857143E-6

fb,FS,fh,FM,NDG,na,: 2.0E-6
FB,FS,fh,FM,ndg,NA,: 6.428571428571428E-6
FB,FS,fh,FM,ndg,na,: 4.4999999999999996E-5
FB,FS,FH,FM,ndg,na,: 4.0500000000000003E-4
fb,fs,fh,FM,NDG,NA,: 0.0025649999999999996
fb,fs,fh,FM,NDG,na,: 0.0029924999999999999
fb,fs,fh,fm,ndg,NA,: 0.12366964285714285
fb,fs,fh,fm,ndg,na,: 0.577125
fb,FS,FH,fm,NDG,NA,: 0.0021696428571428574
fb,FS,FH,fm,NDG,na,: 0.0
FB,FS,FH,FM,ndg,NA,: 5.785714285714286E-5
fb,FS,FH,FM,ndg,NA,: 3.857142857142858E-5
fb,FS,FH,FM,ndg,na,: 2.7E-4
FB,FS,fh,fm,NDG,NA,: 0.0010848214285714285
fb,fs,FH,FM,NDG,na,: 0.0055575000000000001
fb,fs,FH,fm,ndg,NA,: 0.0
fb,fs,FH,fm,ndg,na,: 0.0
FB,fs,fh,FM,NDG,NA,: 2.8499999999999993E-4
FB,fs,fh,FM,NDG,na,: 3.324999999999999E-4
FB,fs,fh,fm,ndg,NA,: 0.013741071428571429
FB,fs,fh,fm,ndg,na,: 0.064125
FB,FS,FH,fm,NDG,NA,: 0.0032544642857142854
FB,FS,FH,fm,NDG,na,: 0.0
PRINTING Product factor after multiply
Key: FB,fs,FH,fm,NDG,NA,
Key: FB,fs,FH,fm,NDG,na,
Key: fb,fs,FH,fm,NDG,na,
Key: FB,fs,FH,fm,ndg,NA,
Key: FB,fs,FH,fm,ndg,na,
Key: fb,fs,FH,fm,NDG,NA,
Key: FB,FS,fh,fm,ndg,NA,
Key: FB,FS,fh,fm,ndg,na,
Key: FB,FS,fh,fm,NDG,na,
Key: fb,FS,fh,fm,ndg,NA,
Key: fb,FS,fh,fm,ndg,na,
Key: fb,FS,fh,fm,NDG,NA,
Key: fb,FS,fh,fm,NDG,na,
Key: fb,FS,FH,FM,NDG,NA,
Key: fb,FS,FH,FM,NDG,na,
Key: FB,FS,FH,fm,ndg,na,
Key: fb,fs,fh,fm,NDG,NA,
Key: fb,fs,fh,fm,NDG,na,
Key: FB,fs,fh,FM,ndg,NA,

Key: FB,fs,fh,FM,ndg,na,
Key: fb,FS,FH,fm,ndg,NA,
Key: fb,FS,FH,fm,ndg,na,
Key: fb,fs,fh,FM,ndg,NA,
Key: fb,fs,fh,FM,ndg,na,
Key: fb,fs,FH,FM,ndg,NA,
Key: fb,fs,FH,FM,ndg,na,
Key: FB,FS,FH,FM,NDG,NA,
Key: FB,FS,FH,FM,NDG,na,
Key: FB,FS,FH,fm,ndg,NA,
Key: FB,fs,fh,fm,NDG,NA,
Key: FB,fs,fh,fm,NDG,na,
Key: FB,fs,FH,FM,NDG,NA,
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Key: fb,fs,fh,fm,ndg,na,
Key: fb,FS,FH,fm,NDG,NA,
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Key: FB,FS,FH,FM,ndg,NA,
Key: fb,FS,FH,FM,ndg,NA,
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Key: fb,fs,FH,FM,NDG,na,
Key: fb,fs,FH,fm,ndg,NA,
Key: fb,fs,FH,fm,ndg,na,
Key: FB,fs,fh,FM,NDG,NA,
Key: FB,fs,fh,FM,NDG,na,
Key: FB,fs,fh,fm,ndg,NA,
Key: FB,fs,fh,fm,ndg,na,

Key: FB,FS,FH,fm,NDG,NA,
Key: FB,FS,FH,fm,NDG,na,
This is sumout.
This is variable: FB
Key1: FB,fs,FH,fm,NDG,NA,
This is variable: FB
Key1: FB,fs,FH,fm,NDG,na,
This is variable: FB
Key1: FB,fs,FH,fm,ndg,NA,
This is variable: FB
Key1: FB,fs,FH,fm,ndg,na,
This is variable: FB
Key1: FB,FS,fh,fm,ndg,NA,
This is variable: FB
Key1: FB,FS,fh,fm,ndg,na,
This is variable: FB
Key1: FB,FS,fh,fm,NDG,na,
This is variable: FB
Key1: FB,FS,FH,fm,ndg,na,
This is variable: FB
Key1: FB,fs,fh,FM,ndg,NA,
This is variable: FB
Key1: FB,fs,fh,FM,ndg,na,
This is variable: FB
Key1: FB,FS,FH,FM,NDG,NA,
This is variable: FB
Key1: FB,FS,FH,FM,NDG,na,
This is variable: FB
Key1: FB,FS,FH,fm,ndg,NA,
This is variable: FB
Key1: FB,fs,fh,fm,NDG,NA,
This is variable: FB
Key1: FB,fs,fh,fm,NDG,na,
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Key1: FB,fs,FH,FM,NDG,NA,
This is variable: FB
Key1: FB,fs,FH,FM,NDG,na,
This is variable: FB
Key1: FB,fs,FH,FM,ndg,NA,
This is variable: FB
Key1: FB,fs,FH,FM,ndg,na,
This is variable: FB
Key1: FB,FS,fh,FM,NDG,na,

This is variable: FB
Key1: FB,FS,fh,FM,NDG,NA,
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Key1: FB,FS,fh,FM,ndg,na,
This is variable: FB
Key1: FB,FS,FH,FM,ndg,na,
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Key1: FB,FS,FH,FM,ndg,NA,
This is variable: FB
Key1: FB,FS,fh,fm,NDG,NA,
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Key1: FB,fs,fh,FM,NDG,na,
This is variable: FB
Key1: FB,fs,fh,fm,ndg,NA,
This is variable: FB
Key1: FB,fs,fh,fm,ndg,na,
This is variable: FB
Key1: FB,FS,FH,fm,NDG,NA,
This is variable: FB
Key1: FB,FS,FH,fm,NDG,na,
FS,fh,FM,ndg,NA: 1.0714285714285716E-5
FS,fh,FM,ndg,na: 7.500000000000001E-5
fs,FH,fm,NDG,NA: 0.027482142857142858
fs,FH,fm,NDG,na: 0.0
fs,fh,FM,NDG,NA: 0.0028499999999999997
fs,fh,FM,NDG,na: 0.0033249999999999999
fs,fh,fm,ndg,NA: 0.13741071428571427
fs,fh,fm,ndg,na: 0.64125
fs,fh,fm,NDG,NA: 0.10992857142857143
fs,fh,fm,NDG,na: 0.0
fs,FH,fm,ndg,NA: 0.0
fs,FH,fm,ndg,na: 0.0
fs,FH,FM,NDG,NA: 0.005292857142857143
fs,FH,FM,NDG,na: 0.0061750000000000001
fs,fh,FM,ndg,NA: 0.0012214285714285714
fs,fh,FM,ndg,na: 0.0085499999999999999
FS,fh,fm,NDG,na: 0.0
FS,fh,fm,NDG,NA: 0.0018080357142857143
FS,FH,FM,NDG,NA: 4.2428571428571434E-4

FS,FH,FM,NDG,na: 4.95E-4
FS,FH,fm,ndg,na: 0.016875
FS,FH,fm,ndg,NA: 0.0036160714285714286
fs,FH,FM,ndg,NA: 8.142857142857142E-4
fs,FH,FM,ndg,na: 0.005699999999999999
FS,FH,fm,NDG,NA: 0.005424107142857143
FS,FH,fm,NDG,na: 0.0
FS,fh,fm,ndg,NA: 0.0036160714285714286
FS,fh,fm,ndg,na: 0.016875
FS,fh,FM,NDG,na: 4.9999999999999996E-6
FS,fh,FM,NDG,NA: 4.285714285714286E-6
FS,FH,FM,ndg,na: 6.75E-4
FS,FH,FM,ndg,NA: 9.642857142857145E-5

This is sumout.

This is variable: FM

Key1: FS,fh,FM,ndg,NA

This is variable: FM

Key1: FS,fh,FM,ndg,na

This is variable: FM

Key1: fs,fh,FM,NDG,NA

This is variable: FM

Key1: fs,fh,FM,NDG,na

This is variable: FM

Key1: fs,FH,FM,NDG,NA

This is variable: FM

Key1: fs,FH,FM,NDG,na

This is variable: FM

Key1: fs,fh,FM,ndg,NA

This is variable: FM

Key1: fs,fh,FM,ndg,na

This is variable: FM

Key1: FS,FH,FM,NDG,NA

This is variable: FM

Key1: FS,FH,FM,NDG,na

This is variable: FM

Key1: fs,FH,FM,ndg,NA

This is variable: FM

Key1: fs,FH,FM,ndg,na

This is variable: FM

Key1: FS,fh,FM,NDG,na

This is variable: FM

Key1: FS,fh,FM,NDG,NA

This is variable: FM

Key1: FS,FH,FM,ndg,na
This is variable: FM
Key1: FS,FH,FM,ndg,NA
fs,FH,NDG,NA: 0.032775
FS,FH,ndg,na: 0.01755
FS,FH,ndg,NA: 0.0037125
fs,FH,NDG,na: 0.006175000000000001
fs,fh,ndg,NA: 0.13863214285714284
fs,fh,ndg,na: 0.6497999999999999
fs,fh,NDG,NA: 0.11277857142857144
fs,fh,NDG,na: 0.003324999999999999
FS,fh,ndg,NA: 0.0036267857142857143
FS,fh,ndg,na: 0.01695
FS,FH,NDG,NA: 0.0058483928571428576
FS,FH,NDG,na: 4.95E-4
FS,fh,NDG,na: 4.9999999999999996E-6
FS,fh,NDG,NA: 0.0018123214285714285
fs,FH,ndg,NA: 8.142857142857142E-4
fs,FH,ndg,na: 0.005699999999999999
This is sumout.
This is variable: NA
Key1: fs,FH,NDG,NA
This is variable: NA
Key1: FS,FH,ndg,NA
This is variable: NA
Key1: fs,fh,ndg,NA
This is variable: NA
Key1: fs,fh,NDG,NA
This is variable: NA
Key1: FS,fh,ndg,NA
This is variable: NA
Key1: FS,FH,NDG,NA
This is variable: NA
Key1: FS,fh,NDG,NA
This is variable: NA
Key1: fs,FH,ndg,NA
FS,fh,ndg: 0.020576785714285714
FS,fh,NDG: 0.0018173214285714286
fs,FH,NDG: 0.03895
fs,FH,ndg: 0.006514285714285714
fs,fh,NDG: 0.11610357142857143
fs,fh,ndg: 0.7884321428571428
FS,FH,ndg: 0.0212625

FS,FH,NDG: 0.006343392857142857

This is sumout.

This is variable: FS

Key1: FS,fh,ndg

This is variable: FS

Key1: FS,fh,NDG

This is variable: FS

Key1: FS,FH,ndg

This is variable: FS

Key1: FS,FH,NDG

FH,NDG: 0.04529339285714286

FH,ndg: 0.027776785714285712

fh,ndg: 0.8090089285714285

fh,NDG: 0.11792089285714286

This is sumout.

This is variable: NDG

Key1: FH,NDG

This is variable: NDG

Key1: fh,NDG

FH: 0.07307017857142857

fh: 0.9269298214285713

This is normalization.

Result:

FH: 0.07307017857142858

fh: 0.9269298214285715

3: $P(\text{FS}|\text{FM},\text{FH})$

Steps:

This is restrict.

This is restrict.

This is restrict.

fs,FM,NDG: 0.65

fs,fm,NDG: 0.2

fs,fm,ndg: 0.0

fs,FM,ndg: 0.4

FS,fm,ndg: 0.5

FS,fm,NDG: 0.75

FS,FM,NDG: 0.99

FS,FM,ndg: 0.9

FS,FM,NDG: 0.99

FS,fm,ndg: 0.5
FS,fm,NDG: 0.75
fs,FM,NDG: 0.65
fs,FM,ndg: 0.4
fs,fm,NDG: 0.2
fs,fm,ndg: 0.0
FS,FM,ndg: 0.9
This is restrict.
fh,FS,ndg: 0.1
FH,fs,NDG: 0.65
FH,fs,ndg: 0.4
fh,fs,NDG: 0.35
fh,fs,ndg: 0.6
FH,FS,NDG: 0.99
FH,FS,ndg: 0.9
fh,FS,NDG: 0.01
fh,fs,NDG: 0.35
fh,fs,ndg: 0.6
fh,FS,NDG: 0.01
fh,FS,ndg: 0.1
FH,fs,NDG: 0.65
FH,fs,ndg: 0.4
FH,FS,NDG: 0.99
FH,FS,ndg: 0.9
This is restrict.
This is restrict.
This is restrict.
This is restrict.
: 0.03571428571428571
: 0.03571428571428571
This is restrict.
This is restrict.
This is restrict.
This is restrict.
NDG,NA: 0.8
NDG,na: 0.4
ndg,NA: 0.2
ndg,na: 0.6
NDG,NA: 0.8
NDG,na: 0.4
ndg,NA: 0.2
ndg,na: 0.6
This is restrict.

fs,NDG: 0.65
fs,ndg: 0.4
FS,NDG: 0.99
FS,ndg: 0.9
FS,NDG: 0.99
FS,ndg: 0.9
fs,NDG: 0.65
fs,ndg: 0.4
This is restrict.
This is restrict.
This is restrict.
This is restrict.
This is restrict.
This is multiply.
fb,FS,fh,FM,ndg: 0.04000000000000001
fb,FS,fh,fm,NDG: 0.1
FB,FS,fh,FM,NDG: 0.006
FB,FS,FH,FM,NDG: 0.594
FB,FS,FH,fm,ndg: 0.3
FB,fs,fh,FM,NDG: 0.034999999999999996
FB,fs,fh,fm,ndg: 0.1
FB,fs,FH,fm,ndg: 0.0
fb,FS,FH,FM,ndg: 0.36000000000000004
fb,fs,fh,FM,ndg: 0.54
fb,FS,FH,fm,NDG: 0.30000000000000004
fb,fs,fh,fm,NDG: 0.7200000000000001
fb,fs,FH,FM,ndg: 0.36000000000000004
FB,FS,fh,fm,NDG: 0.15
fb,fs,FH,fm,NDG: 0.18000000000000002
FB,fs,FH,FM,NDG: 0.065
fb,FS,fh,FM,NDG: 0.004
fb,FS,fh,fm,ndg: 0.2
FB,FS,fh,FM,ndg: 0.06
FB,FS,FH,FM,ndg: 0.54
FB,fs,fh,FM,ndg: 0.06
FB,FS,FH,fm,NDG: 0.44999999999999996
FB,fs,fh,fm,NDG: 0.08000000000000002
FB,fs,FH,fm,NDG: 0.020000000000000004
fb,FS,FH,FM,NDG: 0.396
fb,FS,FH,fm,ndg: 0.2
fb,fs,fh,FM,NDG: 0.315
fb,fs,fh,fm,ndg: 0.9
FB,FS,fh,fm,ndg: 0.3

fb,fs,FH,FM,NDG: 0.5850000000000001
fb,fs,FH,fm,ndg: 0.0
FB,fs,FH,FM,ndg: 0.04000000000000001
This is multiply.
fb,FS,fh,FM,ndg: 0.002000000000000005
fb,FS,fh,fm,NDG: 0.005000000000000001
FB,FS,fh,FM,NDG: 3.0000000000000003E-4
FB,FS,FH,FM,NDG: 0.0297
FB,FS,FH,fm,ndg: 0.015
FB,fs,fh,FM,NDG: 0.03324999999999995
FB,fs,fh,fm,ndg: 0.095
FB,fs,FH,fm,ndg: 0.0
fb,FS,FH,FM,ndg: 0.018000000000000002
fb,fs,fh,FM,ndg: 0.513
fb,FS,FH,fm,NDG: 0.015000000000000003
fb,fs,fh,fm,NDG: 0.684
fb,fs,FH,FM,ndg: 0.342
FB,FS,fh,fm,NDG: 0.0075
fb,fs,FH,fm,NDG: 0.171
FB,fs,FH,FM,NDG: 0.06175
fb,FS,fh,FM,NDG: 2.0E-4
fb,FS,fh,fm,ndg: 0.010000000000000002
FB,FS,fh,FM,ndg: 0.003
FB,FS,FH,FM,ndg: 0.027000000000000003
FB,fs,fh,FM,ndg: 0.05699999999999995
FB,FS,FH,fm,NDG: 0.0225
FB,fs,fh,fm,NDG: 0.076000000000000001
FB,fs,FH,fm,NDG: 0.019000000000000003
fb,FS,FH,FM,NDG: 0.0198
fb,FS,FH,fm,ndg: 0.010000000000000002
fb,fs,fh,FM,NDG: 0.29924999999999996
fb,fs,fh,fm,ndg: 0.855
FB,FS,fh,fm,ndg: 0.015
fb,fs,FH,FM,NDG: 0.5557500000000001
fb,fs,FH,fm,ndg: 0.0
FB,fs,FH,FM,ndg: 0.038000000000000006
This is multiply.
fb,FS,fh,FM,ndg: 7.142857142857145E-5
fb,FS,fh,fm,NDG: 0.004821428571428573
FB,FS,fh,FM,NDG: 1.0714285714285714E-5
FB,FS,FH,FM,NDG: 0.0010607142857142857
FB,FS,FH,fm,ndg: 0.014464285714285714
FB,fs,fh,FM,NDG: 0.0011874999999999998

FB,fs,fh,fm,ndg: 0.09160714285714286
FB,fs,FH,fm,ndg: 0.0
fb,FS,FH,FM,ndg: 6.428571428571429E-4
fb,fs,fh,FM,ndg: 0.018321428571428572
fb,FS,FH,fm,NDG: 0.014464285714285718
fb,fs,fh,fm,NDG: 0.6595714285714286
fb,fs,FH,FM,ndg: 0.012214285714285714
FB,FS,fh,fm,NDG: 0.007232142857142857
fb,fs,FH,fm,NDG: 0.16489285714285715
FB,fs,FH,FM,NDG: 0.0022053571428571426
fb,FS,fh,FM,NDG: 7.142857142857143E-6
fb,FS,fh,fm,ndg: 0.009642857142857146
FB,FS,fh,FM,ndg: 1.0714285714285714E-4
FB,FS,FH,FM,ndg: 9.642857142857144E-4
FB,fs,fh,FM,ndg: 0.0020357142857142852
FB,FS,FH,fm,NDG: 0.02169642857142857
FB,fs,fh,fm,NDG: 0.0732857142857143
FB,fs,FH,fm,NDG: 0.018321428571428575
fb,FS,FH,FM,NDG: 7.071428571428571E-4
fb,FS,FH,fm,ndg: 0.009642857142857146
fb,fs,fh,FM,NDG: 0.010687499999999997
fb,fs,fh,fm,ndg: 0.8244642857142858
FB,FS,fh,fm,ndg: 0.014464285714285714
fb,fs,FH,FM,NDG: 0.01984821428571429
fb,fs,FH,fm,ndg: 0.0
FB,fs,FH,FM,ndg: 0.0013571428571428573
This is multiply.
fb,fs,fh,FM,NDG,NA: 0.0032062499999999999
fb,fs,fh,FM,NDG,na: 0.00748124999999999975
FB,fs,FH,fm,ndg,NA: 0.0
FB,fs,FH,fm,ndg,na: 0.0
FB,fs,FH,fm,NDG,NA: 0.005496428571428572
FB,fs,FH,fm,NDG,na: 0.012825000000000001
fb,fs,FH,fm,ndg,NA: 0.0
fb,fs,FH,fm,ndg,na: 0.0
fb,fs,FH,fm,NDG,NA: 0.04946785714285714
fb,fs,FH,fm,NDG,na: 0.115425
FB,FS,fh,FM,ndg,NA: 3.214285714285714E-5
FB,FS,fh,FM,ndg,na: 7.5E-5
fb,FS,fh,FM,ndg,NA: 2.1428571428571435E-5
fb,FS,fh,FM,ndg,na: 5.000000000000001E-5
FB,FS,fh,fm,NDG,NA: 0.002169642857142857
FB,FS,fh,fm,NDG,na: 0.0050624999999999999

FB,FS,FH,FM,NDG,NA: 3.182142857142857E-4
FB,FS,FH,FM,NDG,na: 7.425E-4
FB,FS,FH,fm,ndg,NA: 0.004339285714285714
FB,FS,FH,fm,ndg,na: 0.010124999999999999
FB,fs,fh,FM,NDG,NA: 3.562499999999999E-4
FB,fs,fh,FM,NDG,na: 8.312499999999997E-4
FB,fs,fh,fm,ndg,NA: 0.027482142857142858
FB,fs,fh,fm,ndg,na: 0.064125
FB,fs,FH,FM,ndg,NA: 4.0714285714285717E-4
FB,fs,FH,FM,ndg,na: 9.500000000000001E-4
fb,FS,fh,fm,NDG,NA: 0.0014464285714285718
fb,FS,fh,fm,NDG,na: 0.003375000000000001
fb,FS,FH,FM,NDG,NA: 2.1214285714285714E-4
fb,FS,FH,FM,NDG,na: 4.95E-4
fb,FS,FH,fm,ndg,NA: 0.0028928571428571436
fb,FS,FH,fm,ndg,na: 0.006750000000000002
fb,fs,fh,fm,ndg,NA: 0.2473392857142857
fb,fs,fh,fm,ndg,na: 0.577125
fb,fs,FH,FM,ndg,NA: 0.003664285714285714
fb,fs,FH,FM,ndg,na: 0.008549999999999999
fb,FS,FH,fm,NDG,NA: 0.004339285714285715
fb,FS,FH,fm,NDG,na: 0.010125000000000002
FB,fs,fh,fm,NDG,NA: 0.02198571428571429
FB,fs,fh,fm,NDG,na: 0.051300000000000005
FB,fs,FH,FM,NDG,NA: 6.616071428571427E-4
FB,fs,FH,FM,NDG,na: 0.0015437499999999998
fb,fs,fh,fm,NDG,NA: 0.19787142857142856
fb,fs,fh,fm,NDG,na: 0.4617
fb,fs,FH,FM,NDG,NA: 0.005954464285714286
fb,fs,FH,FM,NDG,na: 0.013893750000000002
FB,FS,fh,FM,NDG,NA: 3.2142857142857143E-6
FB,FS,fh,FM,NDG,na: 7.499999999999999E-6
FB,FS,fh,fm,ndg,NA: 0.004339285714285714
FB,FS,fh,fm,ndg,na: 0.010124999999999999
FB,FS,FH,FM,ndg,NA: 2.892857142857143E-4
FB,FS,FH,FM,ndg,na: 6.75E-4
fb,FS,fh,FM,NDG,NA: 2.1428571428571427E-6
fb,FS,fh,FM,NDG,na: 4.9999999999999996E-6
fb,FS,fh,fm,ndg,NA: 0.0028928571428571436
fb,FS,fh,fm,ndg,na: 0.006750000000000002
fb,FS,FH,FM,ndg,NA: 1.9285714285714286E-4
fb,FS,FH,FM,ndg,na: 4.5000000000000004E-4
FB,fs,fh,FM,ndg,NA: 6.107142857142855E-4

FB,fs,fh,FM,ndg,na: 0.001424999999999996
FB,FS,FH,fm,NDG,NA: 0.006508928571428571
FB,FS,FH,fm,NDG,na: 0.0151875
fb,fs,fh,FM,ndg,NA: 0.005496428571428571
fb,fs,fh,FM,ndg,na: 0.012825
this is the 5th
This is multiply.
FB,fs,FH,fm,NDG,NA,: 0.002748214285714286
FB,fs,FH,fm,NDG,na,: 0.0
fb,fs,FH,fm,NDG,na,: 0.0
FB,fs,FH,fm,ndg,NA,: 0.0
FB,fs,FH,fm,ndg,na,: 0.0
fb,fs,FH,fm,NDG,NA,: 0.02473392857142857
FB,FS,fh,fm,ndg,NA,: 0.002169642857142857
FB,FS,fh,fm,ndg,na,: 0.010124999999999999
FB,FS,fh,fm,NDG,na,: 0.0
fb,FS,fh,fm,ndg,NA,: 0.0014464285714285718
fb,FS,fh,fm,ndg,na,: 0.006750000000000002
fb,FS,fh,fm,NDG,NA,: 7.232142857142859E-4
fb,FS,fh,fm,NDG,na,: 0.0
fb,FS,FH,FM,NDG,NA,: 1.6971428571428574E-4
fb,FS,FH,FM,NDG,na,: 1.9800000000000002E-4
FB,FS,FH,fm,ndg,na,: 0.010124999999999999
fb,fs,fh,fm,NDG,NA,: 0.09893571428571428
fb,fs,fh,fm,NDG,na,: 0.0
FB,fs,fh,FM,ndg,NA,: 1.221428571428571E-4
FB,fs,fh,FM,ndg,na,: 8.549999999999997E-4
fb,FS,FH,fm,ndg,NA,: 0.0014464285714285718
fb,FS,FH,fm,ndg,na,: 0.006750000000000002
fb,fs,fh,FM,ndg,NA,: 0.0010992857142857143
fb,fs,fh,FM,ndg,na,: 0.007695
fb,fs,FH,FM,ndg,NA,: 7.328571428571428E-4
fb,fs,FH,FM,ndg,na,: 0.005129999999999999
FB,FS,FH,FM,NDG,NA,: 2.545714285714286E-4
FB,FS,FH,FM,NDG,na,: 2.97E-4
FB,FS,FH,fm,ndg,NA,: 0.002169642857142857
FB,fs,fh,fm,NDG,NA,: 0.010992857142857144
FB,fs,fh,fm,NDG,na,: 0.0
FB,fs,FH,FM,NDG,NA,: 5.292857142857142E-4
FB,fs,FH,FM,NDG,na,: 6.175E-4
fb,FS,fh,FM,ndg,NA,: 4.285714285714287E-6
fb,FS,fh,FM,ndg,na,: 3.0000000000000004E-5
FB,fs,FH,FM,ndg,NA,: 8.142857142857143E-5

FB,fs,FH,FM,ndg,na,: 5.7000000000000001E-4
fb,fs,FH,FM,NDG,NA,: 0.0047635714285714295
FB,FS,fh,FM,NDG,na,: 3.0E-6
FB,FS,fh,FM,NDG,NA,: 2.5714285714285716E-6
fb,FS,fh,FM,NDG,NA,: 1.7142857142857143E-6
fb,FS,fh,FM,NDG,na,: 2.0E-6
FB,FS,fh,FM,ndg,NA,: 6.428571428571428E-6
FB,FS,fh,FM,ndg,na,: 4.4999999999999996E-5
FB,FS,FH,FM,ndg,na,: 4.0500000000000003E-4
fb,fs,fh,FM,NDG,NA,: 0.0025649999999999996
fb,fs,fh,FM,NDG,na,: 0.0029924999999999999
fb,fs,fh,fm,ndg,NA,: 0.12366964285714285
fb,fs,fh,fm,ndg,na,: 0.577125
fb,FS,FH,fm,NDG,NA,: 0.0021696428571428574
fb,FS,FH,fm,NDG,na,: 0.0
FB,FS,FH,FM,ndg,NA,: 5.785714285714286E-5
fb,FS,FH,FM,ndg,NA,: 3.857142857142858E-5
fb,FS,FH,FM,ndg,na,: 2.7E-4
FB,FS,fh,fm,NDG,NA,: 0.0010848214285714285
fb,fs,FH,FM,NDG,na,: 0.0055575000000000001
fb,fs,FH,fm,ndg,NA,: 0.0
fb,fs,FH,fm,ndg,na,: 0.0
FB,fs,fh,FM,NDG,NA,: 2.8499999999999993E-4
FB,fs,fh,FM,NDG,na,: 3.324999999999999E-4
FB,fs,fh,fm,ndg,NA,: 0.013741071428571429
FB,fs,fh,fm,ndg,na,: 0.064125
FB,FS,FH,fm,NDG,NA,: 0.0032544642857142854
FB,FS,FH,fm,NDG,na,: 0.0
This is multiply.
FB,fs,FH,fm,NDG,NA,: 0.001786339285714286
FB,fs,FH,fm,NDG,na,: 0.0
fb,fs,FH,fm,NDG,na,: 0.0
FB,fs,FH,fm,ndg,NA,: 0.0
FB,fs,FH,fm,ndg,na,: 0.0
fb,fs,FH,fm,NDG,NA,: 0.016077053571428572
FB,FS,fh,fm,ndg,NA,: 2.1696428571428572E-4
FB,FS,fh,fm,ndg,na,: 0.0010125
FB,FS,fh,fm,NDG,na,: 0.0
fb,FS,fh,fm,ndg,NA,: 1.4464285714285718E-4
fb,FS,fh,fm,ndg,na,: 6.7500000000000003E-4
fb,FS,fh,fm,NDG,NA,: 7.232142857142859E-6
fb,FS,fh,fm,NDG,na,: 0.0
fb,FS,FH,FM,NDG,NA,: 1.6801714285714288E-4

fb,FS,FH,FM,NDG,na,: 1.9602E-4
FB,FS,FH,FM,ndg,na,: 0.009112499999999999
fb,fs,fh,fm,NDG,NA,: 0.0346275
fb,fs,fh,fm,NDG,na,: 0.0
FB,fs,fh,FM,ndg,NA,: 7.328571428571425E-5
FB,fs,fh,FM,ndg,na,: 5.1299999999999998E-4
fb,FS,FH,FM,ndg,NA,: 0.0013017857142857147
fb,FS,FH,FM,ndg,na,: 0.006075000000000001
fb,fs,fh,FM,ndg,NA,: 6.595714285714285E-4
fb,fs,fh,FM,ndg,na,: 0.004617
fb,fs,FH,FM,ndg,NA,: 2.9314285714285716E-4
fb,fs,FH,FM,ndg,na,: 0.0020519999999999996
FB,FS,FH,FM,NDG,NA,: 2.520257142857143E-4
FB,FS,FH,FM,NDG,na,: 2.9403000000000003E-4
FB,FS,FH,FM,ndg,NA,: 0.0019526785714285714
FB,fs,fh,fm,NDG,NA,: 0.0038475000000000002
FB,fs,fh,fm,NDG,na,: 0.0
FB,fs,FH,FM,NDG,NA,: 3.4403571428571426E-4
FB,fs,FH,FM,NDG,na,: 4.01375E-4
fb,FS,fh,FM,ndg,NA,: 4.285714285714287E-7
fb,FS,fh,FM,ndg,na,: 3.0000000000000005E-6
FB,fs,FH,FM,ndg,NA,: 3.257142857142857E-5
FB,fs,FH,FM,ndg,na,: 2.2800000000000004E-4
fb,fs,FH,FM,NDG,NA,: 0.003096321428571429
FB,FS,fh,FM,NDG,na,: 3.0000000000000004E-8
FB,FS,fh,FM,NDG,NA,: 2.5714285714285718E-8
fb,FS,fh,FM,NDG,NA,: 1.7142857142857143E-8
fb,FS,fh,FM,NDG,na,: 2.0E-8
FB,FS,fh,FM,ndg,NA,: 6.428571428571428E-7
FB,FS,fh,FM,ndg,na,: 4.5E-6
FB,FS,FH,FM,ndg,na,: 3.645E-4
fb,fs,fh,FM,NDG,NA,: 8.9774999999999998E-4
fb,fs,fh,FM,NDG,na,: 0.0010473749999999997
fb,fs,fh,fm,ndg,NA,: 0.0742017857142857
fb,fs,fh,fm,ndg,na,: 0.346275
fb,FS,FH,FM,NDG,NA,: 0.0021479464285714287
fb,FS,FH,FM,NDG,na,: 0.0
FB,FS,FH,FM,ndg,NA,: 5.207142857142858E-5
fb,FS,FH,FM,ndg,NA,: 3.471428571428572E-5
fb,FS,FH,FM,ndg,na,: 2.43E-4
FB,FS,fh,fm,NDG,NA,: 1.0848214285714285E-5
fb,fs,FH,FM,NDG,na,: 0.0036123750000000006
fb,fs,FH,FM,ndg,NA,: 0.0

fb,fs,FH,fm,ndg,na,: 0.0
FB,fs,fh,FM,NDG,NA,: 9.974999999999997E-5
FB,fs,fh,FM,NDG,na,: 1.1637499999999996E-4
FB,fs,fh,fm,ndg,NA,: 0.008244642857142857
FB,fs,fh,fm,ndg,na,: 0.038475
FB,FS,FH,fm,NDG,NA,: 0.0032219196428571427
FB,FS,FH,fm,NDG,na,: 0.0
This is multiply.
FB,fs,fh,fm,ndg,NA,,,: 2.944515306122449E-4
fb,fs,FH,FM,NDG,NA,,,: 1.1058290816326533E-4
FB,FS,FH,FM,NDG,NA,,,: 9.000918367346939E-6
fb,FS,FH,fm,ndg,na,,,: 2.1696428571428575E-4
FB,fs,FH,FM,NDG,NA,,,: 1.2286989795918366E-5
fb,fs,FH,fm,ndg,na,,,: 0.0
FB,FS,FH,fm,ndg,na,,,: 3.254464285714285E-4
FB,FS,fh,fm,NDG,na,,,: 0.0
FB,fs,FH,fm,ndg,na,,,: 0.0
fb,FS,FH,fm,ndg,NA,,,: 4.649234693877552E-5
fb,FS,fh,fm,NDG,na,,,: 0.0
fb,FS,fh,fm,NDG,NA,,,: 2.582908163265307E-7
fb,fs,FH,fm,ndg,NA,,,: 0.0
fb,fs,fh,fm,NDG,na,,,: 0.0
FB,FS,FH,fm,ndg,NA,,,: 6.973852040816326E-5
fb,FS,fh,FM,NDG,NA,,,: 6.122448979591837E-10
FB,fs,fh,FM,NDG,na,,,: 4.1562499999999985E-6
FB,fs,FH,fm,ndg,NA,,,: 0.0
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PRINTING Product factor after multiply

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Key: FB,FS,FH,fm,NDG,na,
This is sumout.

This is variable: FB

Key1: FB,fs,FH,fm,NDG,NA,

This is variable: FB

Key1: FB,fs,FH,fm,NDG,na,

This is variable: FB

Key1: FB,fs,FH,fm,ndg,NA,

This is variable: FB

Key1: FB,fs,FH,fm,ndg,na,

This is variable: FB

Key1: FB,FS,fh,fm,ndg,na,

This is variable: FB

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FS,FH,FM,ndg,na: 1.3017857142857143E-5
FS,FH,FM,ndg,NA: 6.198979591836736E-7
This is sumout.
This is variable: NA

Key1: FS,fh,FM,ndg,NA
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FS,fh,FM,NDG: 1.938775510204082E-9

FS,fh,fm,ndg: 3.87436224489796E-5

FS,fh,fm,NDG: 5.165816326530613E-7

This is sumout.

This is variable: NDG

Key1: fs,fh,fm,NDG

This is variable: NDG

Key1: FS,FH,FM,NDG

This is variable: NDG

Key1: fs,fh,FM,NDG

This is variable: NDG

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Key1: fs,FH,fm,NDG

This is variable: NDG

Key1: FS,fh,FM,NDG

This is variable: NDG

Key1: FS,fh,fm,NDG

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fs,FH,FM: 2.0681887755102043E-4

fs,FH,fm: 5.103826530612245E-4

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FS,fh,fm: 3.9260204081632656E-5

FS,FH,FM: 3.263969387755102E-5

FS,FH,fm: 5.021173469387755E-4

This is normalization.

this is result

fs,fh,fm: 0.8724866088172013

this is result

fs,fh,FM: 0.014079506247784533

this is result

fs,FH,FM: 0.018166692821075484

this is result

fs,FH,fm: 0.044831327725785054

this is result

FS,fh,FM: 1.4959461383382868E-5

this is result

FS,fh,fm: 0.003448563671214235

this is result

FS,FH,FM: 0.002867026934236845
this is result
FS,FH,fm: 0.044105314321318895

Result: FS 0.0859
Fs 0.914

4: Result: FS 0.36
Fs: 0.639