```
1.1
1. PCGH3 = 0.95 -> PCGCH] = 0.95
  PESIIGHT = a.02
 P[SI] ~ GH]= 0.3
 PCSI] = PCSIGH] PCGH] + PCSI / AGH] PCAGH]
      = 0,02 x 0,95 + 0,3 x 0,05
       = 0.034
P[GH|SI] = P[SI|GH]P(GH]
                  PCSI]
             = 0.02 x 0.95
                  0,034
             = 0.56
Z. PCSIT[CH]=PCSI[CH]= 0.02= 00004
   P(SIT| nCH] = P(SI| nGH] = 0.3 = 0.09
   P[CH]= 0.95
 P[SI] = P[SIT GH] P[GH] + P[SIT GH] P[GH]
           = 0.0004 x 0.95 + 0.09 x 0.05
           = 0.00488
  PCaHISITJ - PCGITICHJPCAH]
                  PISITI
           = 0,0004x0,95 = 0.078
```

0.0048P