



|      | cat1 | cat2 | cat3 | P(row) |
|------|------|------|------|--------|
| cat1 | p11  | p12  | p13  | =1     |
| cat2 | p21  | 0    | p23  | =1     |
| cat3 | p31  | 0    | p33  | =1     |