Donovan Lee

Assignment 7

1.  (Visit to Asia | dyspnoea) = <0.01032 , 0.98698>
2. (Tuberculosis | positive X-ray, {"type":"$","backgroundColor":"#ffffff","font":{"family":"Times New Roman","color":"#000000","size":12},"backgroundColorModified":false,"id":"2","aid":null,"code":"$\\lnot$","ts":1615480933295,"cs":"jKLqHJJWvL69pXe4Qzffug==","size":{"width":8,"height":4}}dyspnoea) = <0.05402 , 0.94598 >
3. P(bronchitis | {"type":"$","backgroundColor":"#ffffff","font":{"family":"Times New Roman","color":"#000000","size":12},"backgroundColorModified":false,"id":"2","aid":null,"code":"$\\lnot$","ts":1615480933295,"cs":"jKLqHJJWvL69pXe4Qzffug==","size":{"width":8,"height":4}}lung cancer) = P(bronchitis? = T) = 0.44286
4. P({"type":"$","backgroundColor":"#ffffff","font":{"family":"Times New Roman","color":"#000000","size":12},"backgroundColorModified":false,"id":"2","aid":null,"code":"$\\lnot$","ts":1615480933295,"cs":"jKLqHJJWvL69pXe4Qzffug==","size":{"width":8,"height":4}}lung cancer | tuberculosis, {"type":"$","backgroundColor":"#ffffff","font":{"family":"Times New Roman","color":"#000000","size":12},"backgroundColorModified":false,"id":"2","aid":null,"code":"$\\lnot$","ts":1615480933295,"cs":"jKLqHJJWvL69pXe4Qzffug==","size":{"width":8,"height":4}}dyspnoea) = P(lung caner? = F) = 0.95143
5. (Smoking | {"type":"$","backgroundColor":"#ffffff","font":{"family":"Times New Roman","color":"#000000","size":12},"backgroundColorModified":false,"id":"2","aid":null,"code":"$\\lnot$","ts":1615480933295,"cs":"jKLqHJJWvL69pXe4Qzffug==","size":{"width":8,"height":4}}positive X-ray, bronchitis, {"type":"$","backgroundColor":"#ffffff","font":{"family":"Times New Roman","color":"#000000","size":12},"backgroundColorModified":false,"id":"2","aid":null,"code":"$\\lnot$","ts":1615480933295,"cs":"jKLqHJJWvL69pXe4Qzffug==","size":{"width":8,"height":4}}visit to asia) = <0.64565 , 0.35435>