Analysis of Association Pattern Mining

For Total: (Min support =0.1)

Frequent Itemset :

Total Literacy Rate (%)=L Total Literacy Rate Male (%)=L Total Male Workers (%)=M Total cooking inside house (%)=L Total households with no assets (%)=S 393

Total Literacy Rate Male (%)=L Total Workers (%)=M Total Male Workers (%)=M Total waste water outlet connect to closed drainage (%)=S Total cooking inside house (%)=L 416

Total Literacy Rate Male (%)=L Total Workers (%)=M Total Male Workers (%)=M Total cooking inside house (%)=L Total households with no assets (%)=S 394

Total Literacy Rate Male (%)=L Total Male Workers (%)=M Total good condition households (%)=M Total waste water outlet connect to closed drainage (%)=S Total cooking inside house (%)=L 387

Total Literacy Rate Male (%)=L Total Male Workers (%)=M Total livable condition households (%)=M Total waste water outlet connect to closed drainage (%)=S Total cooking inside house (%)=L 401

Total Literacy Rate Male (%)=L Total Male Workers (%)=M Total Material of house roof is concrete (%)=S Total waste water outlet connect to closed drainage (%)=S Total cooking inside house (%)=L 390

Total Literacy Rate Male (%)=L Total Male Workers (%)=M Total waste water outlet connect to closed drainage (%)=S Total Fuel Used LPG+Biogas (%)=S Total cooking inside house (%)=L 384

Total Literacy Rate Male (%)=L Total Male Workers (%)=M Total waste water outlet connect to closed drainage (%)=S Total cooking inside house (%)=L Total households with no assets (%)=S 423

Association Rules:

Total livable condition households (%)=M 480 ==> Total cooking inside house (%)=L 450 <conf:(0.94)>

Total Workers (%)=M Total households with no assets (%)=S 432 ==> Total cooking inside house (%)=L 405 <conf:(0.94)>

Total good condition households (%)=M 453 ==> Total Literacy Rate Male (%)=L Total Male Workers (%)=M 425 <conf:(0.94)>

Total Female Workers (%)=S 408 ==> Total Male Workers (%)=M Total cooking inside house (%)=L 383 <conf:(0.94)>

Total good condition households (%)=M Total cooking inside house (%)=L 434 ==> Total Literacy Rate Male (%)=L Total Male Workers (%)=M 408 <conf:(0.94)>

Total Male Workers (%)=M Total Female Workers (%)=S 407 ==> Total cooking inside house (%)=L 383 <conf:(0.94)>

Total Literacy Rate Male (%)=L Total livable condition households (%)=M Total waste water outlet connect to closed drainage (%)=S 426 ==> Total Male Workers (%)=M Total cooking inside house (%)=L 401   <conf:(0.94)>

404. Total households with no assets (%)=S 533 ==> Total cooking inside house (%)=L 502 <conf:(0.94)>

17. Total Literacy Rate (%)=L 457 ==> Total households with no assets (%)=S 412 <conf:(0.9)>

16. Total livable condition households (%)=M Total tapwater from treated source (%)=S 385 ==> Total Material of house roof is concrete (%)=S 348   <conf:(0.9)>

14. Total Female Workers (%)=S 408 ==> Total households with no assets (%)=S 372 <conf:(0.91)>

1. Total good condition households (%)=M Total Fuel Used LPG+Biogas (%)=S 353 ==> Total livable condition households (%)=M 337   <conf:(0.95)>

2. Total livable condition households (%)=M Total Material of house roof is concrete (%)=S Total tapwater from treated source (%)=S 348 ==> Total Fuel Used LPG+Biogas (%)=S 332 <conf:(0.95)>

4. Total Material of house roof is concrete (%)=S Total tapwater from treated source (%)=S Total Fuel Used LPG+Biogas (%)=S 351 ==> Total livable condition households (%)=M 332 <conf:(0.95)>

12. Total tapwater from treated source (%)=S 429 ==> Total Fuel Used LPG+Biogas (%)=S 392   <conf:(0.91)>

13. Total Electricity as Lightning Source (%)=L 369 ==> Total households with no assets (%)=S 337   <conf:(0.91)>

For Rural: (Min support =0.1)

Frequent Itemset:

Rural Population (%)=L Rural waste water outlet connect to closed drainage (%)=S Rural Fuel Used LPG+Biogas (%)=S 449

Rural livable condition households (%)=M Rural Material of house roof is concrete (%)=S Rural waste water outlet connect to closed drainage (%)=S 462

Rural livable condition households (%)=M Rural tapwater from treated source (%)=S Rural waste water outlet connect to closed drainage (%)=S 448

Rural livable condition households (%)=M Rural waste water outlet connect to closed drainage (%)=S Rural Fuel Used LPG+Biogas (%)=S 473

Rural livable condition households (%)=M Rural waste water outlet connect to closed drainage (%)=S Rural cooking inside house (%)=L 468

Rural Material of house roof is concrete (%)=S Rural tapwater from treated source (%)=S Rural waste water outlet connect to closed drainage (%)=S 450

Rural Material of house roof is concrete (%)=S Rural Bathroom without roof within premises (%)=S Rural waste water outlet connect to closed drainage (%)=S 450

Rural Material of house roof is concrete (%)=S Rural waste water outlet connect to closed drainage (%)=S Rural Fuel Used LPG+Biogas (%)=S 488

Rural Material of house roof is concrete (%)=S Rural waste water outlet connect to closed drainage (%)=S Rural cooking inside house (%)=L 479

Rural tapwater from treated source (%)=S Rural waste water outlet connect to closed drainage (%)=S Rural Fuel Used LPG+Biogas (%)=S 477

Rural tapwater from treated source (%)=S Rural waste water outlet connect to closed drainage (%)=S Rural cooking inside house (%)=L 457

Rural Bathroom without roof within premises (%)=S Rural waste water outlet connect to closed drainage (%)=S Rural Fuel Used LPG+Biogas (%)=S 472

Rural Bathroom without roof within premises (%)=S Rural waste water outlet connect to closed drainage (%)=S Rural cooking inside house (%)=L 483

Rural waste water outlet connect to closed drainage (%)=S Rural Fuel Used LPG+Biogas (%)=S Rural cooking inside house (%)=L 495

Rules:

 12. Rural Population (%)=L Rural Fuel Used LPG+Biogas (%)=S 450 ==> Rural waste water outlet connect to closed drainage (%)=S 449   <conf:(1)>

  9. Rural Fuel Used LPG+Biogas (%)=S Rural cooking inside house (%)=L 496 ==> Rural waste water outlet connect to closed drainage (%)=S 495   <conf:(1)>

50. Rural Population (%)=L 474 ==> Rural Fuel Used LPG+Biogas (%)=S 450   <conf:(0.95)>

45. Rural livable condition households (%)=M Rural tapwater from treated source (%)=S 448 ==> Rural Fuel Used LPG+Biogas (%)=S 430   <conf:(0.96)>

4980. Rural Population (%)=L Rural Material of house roof is concrete (%)=S Rural Latrine facility within premises (%)=S Rural cooking inside house (%)=L 251 ==> Rural livable condition households (%)=M 231   <conf:(0.92)>

4974. Rural Latrine facility within premises (%)=S Rural cooking inside house (%)=L 327 ==> Rural tapwater from treated source (%)=S Rural waste water outlet connect to closed drainage (%)=S Rural Fuel Used LPG+Biogas (%)=S 301   <conf:(0.92)>

  73. Rural livable condition households (%)=M Rural Material of house roof is concrete (%)=S Rural Latrine facility within premises (%)=S Rural Bathroom without roof within premises (%)=S 237 ==> Rural Fuel Used LPG+Biogas (%)=S 237   <conf:(1)>

For Urban: (Min support =0.1)

Frequent Itemset:

Urban livable condition households (%)=S Urban Location of drinking water resource (%)=L Urban Electricity as Lightning Source (%)=L Urban Latrine facility within premises (%)=L Urban Bathroom with roof within premises (%)=L Urban cooking inside house (%)=L Urban households availing banking services (%)=L Urban households with no assets (%)=S 137

Urban Location of drinking water resource (%)=L Urban Electricity as Lightning Source (%)=L Urban Latrine facility within premises (%)=L Urban Bathroom with roof within premises (%)=L Urban Fuel Used LPG+Biogas (%)=L Urban cooking inside house (%)=L Urban households availing banking services (%)=L Urban households with no assets (%)=S 132

Rules:

 359. Urban Fuel Used LPG+Biogas (%)=M 362 ==> Urban households with no assets (%)=S 362   <conf:(1)>

365. Total Literacy Rate Male Urban (%)=L Urban Fuel Used LPG+Biogas (%)=M 358 ==> Urban cooking inside house (%)=L 358   <conf:(1)>

 366. Total Literacy Rate Male Urban (%)=L Urban Fuel Used LPG+Biogas (%)=M 358 ==> Urban households with no assets (%)=S 358   <conf:(1)>

 412. Urban Bathroom without roof within premises (%)=S 634 ==> Urban households with no assets (%)=S 633   <conf:(1)>

5000. Urban Fuel Used LPG+Biogas (%)=L Urban households availing banking services (%)=L 158 ==> Urban Latrine facility within premises (%)=L Urban Bathroom with roof within premises (%)=L Urban cooking inside house (%)=L Urban households with no assets (%)=S 151 <conf:(0.96)>

4984. Urban Fuel Used LPG+Biogas (%)=L Urban households availing banking services (%)=L 158 ==> Urban Electricity as Lightning Source (%)=L Urban Latrine facility within premises (%)=L Urban Bathroom with roof within premises (%)=L 151   <conf:(0.96)>