Watch\_Category

Luxury 74421

Mid-Range 29228

Non-Luxury 12233

Name: count, dtype: int64

Luxury Mid-Range Non-Luxury

Lunette Material

Aluminium 0.004461 0.014028 0.006621

Bronze 0.001908 0.005269 0.012671

Carbon 0.002029 0.002737 0.011853

Ceramic 0.169065 0.177843 0.163656

Gold/Steel 0.001760 0.015807 0.008502

Palladium 0.000027 0.000068 0.000000

Plastic 0.000309 0.004995 0.005232

Platinum 0.022104 0.001916 0.000899

Rose Gold 0.100160 0.040543 0.023543

Rose gold 0.000605 0.008725 0.001553

Silver 0.000914 0.001848 0.002534

Steel 0.353072 0.633194 0.704243

Tantalum 0.000430 0.000137 0.000245

Titanium 0.021808 0.033940 0.046187

Tungsten 0.000081 0.000274 0.000654

White Gold 0.135110 0.008861 0.002371

Yellow Gold 0.186157 0.049815 0.009237

Lunette Material - Chi-square value: 19765.28411226532, p-value: 0.0

Expected frequencies table for Lunette Material:

[[5.28541818e+02 2.07578778e+02 8.68794032e+01]

[2.89638348e+02 1.13752162e+02 4.76094907e+01]

[2.41472325e+02 9.48355051e+01 3.96921696e+01]

[1.27042701e+04 4.98945734e+03 2.08827260e+03]

[4.47622901e+02 1.75798795e+02 7.35783038e+01]

[2.56885452e+00 1.00888835e+00 4.22257124e-01]

[1.49635776e+02 5.87677465e+01 2.45964775e+01]

[1.09946974e+03 4.31804215e+02 1.80726049e+02]

[5.73304108e+03 2.25158658e+03 9.42372336e+02]

[2.04866148e+02 8.04588461e+01 3.36750056e+01]

[9.82586856e+01 3.85899795e+01 1.61513350e+01]

[3.42929235e+04 1.34681551e+04 5.63692147e+03]

[2.50463316e+01 9.83666143e+00 4.11700696e+00]

[2.04223935e+03 8.02066240e+02 3.35694413e+02]

[1.41286999e+01 5.54888594e+00 2.32241418e+00]

[6.64241559e+03 2.60873306e+03 1.09185136e+03]

[9.90486083e+03 3.89002126e+03 1.62811790e+03]]

Luxury Mid-Range Non-Luxury

Case material

Aluminium 0.000027 0.000513 0.000409

Bronze 0.001948 0.007048 0.010545

Carbon 0.002432 0.002771 0.009401

Ceramic 0.015775 0.028090 0.084362

Gold/Steel 0.137905 0.060148 0.008910

Palladium 0.000027 0.000068 0.000000

Plastic 0.000013 0.003285 0.004905

Platinum 0.013356 0.001163 0.000981

Rose Gold 0.089585 0.034214 0.026567

Silver 0.002002 0.001437 0.000082

Steel 0.550517 0.780484 0.784681

Tantalum 0.000215 0.000103 0.000082

Titanium 0.028540 0.044444 0.059102

Tungsten 0.000000 0.000068 0.000082

White Gold 0.064605 0.007561 0.002452

Yellow Gold 0.093052 0.028603 0.007439

Case Material - Chi-square value: 13547.025717992132, p-value: 0.0

Expected frequencies table for Case Material:

[[1.41286999e+01 5.54888594e+00 2.32241418e+00]

[3.08262543e+02 1.21066602e+02 5.06708548e+01]

[2.42114539e+02 9.50877272e+01 3.97977339e+01]

[1.94398066e+03 7.63476260e+02 3.19543078e+02]

[7.79005135e+03 3.05945393e+03 1.28049473e+03]

[2.56885452e+00 1.00888835e+00 4.22257124e-01]

[1.00827540e+02 3.95988678e+01 1.65735921e+01]

[6.67902176e+02 2.62310972e+02 1.09786852e+02]

[5.13257134e+03 2.01575893e+03 8.43669733e+02]

[1.23305017e+02 4.84266409e+01 2.02683419e+01]

[4.71262785e+04 1.85083090e+04 7.74641250e+03]

[1.28442726e+01 5.04444176e+00 2.11128562e+00]

[2.66261771e+03 1.04571278e+03 4.37669509e+02]

[1.92664089e+00 7.56666264e-01 3.16692843e-01]

[3.24895876e+03 1.27599154e+03 5.34049697e+02]

[5.04266143e+03 1.98044783e+03 8.28890734e+02]]

Luxury Mid-Range Non-Luxury

Bracelet material

Aluminium 0.000027 0.000205 0.000082

Ceramic 0.003023 0.000753 0.001553

Cow-Leather 0.002351 0.012899 0.016349

Crocodile-Leather 0.049946 0.094362 0.057713

Gold/Steel 0.149461 0.030827 0.003924

Leather 0.047312 0.222595 0.292733

Ostritch Leather 0.000175 0.000274 0.001390

Plastic 0.000107 0.000821 0.001962

Platinum 0.008385 0.000137 0.000000

Reptile-Leather 0.000551 0.000787 0.000245

Rose Gold 0.041332 0.003764 0.000409

Rubber 0.088765 0.104112 0.095479

Satin 0.000309 0.000000 0.000245

Shark-Leather 0.000013 0.000308 0.000000

Silicone 0.000081 0.000376 0.026404

Silver 0.000040 0.000205 0.000082

Snake-Leather 0.000134 0.000308 0.000082

Steel 0.508082 0.470987 0.353634

Textile 0.003641 0.028534 0.128750

Titanium 0.007350 0.019057 0.017821

White Gold 0.027183 0.001471 0.000245

Yellow Gold 0.061730 0.007219 0.000899

Bracelet Material - Chi-square value: 30149.945995098657, p-value: 0.0

Expected frequencies table for Bracelet Material:

[[5.77992268e+00 2.26999879e+00 9.50078528e-01]

[1.70828826e+02 6.70910754e+01 2.80800987e+01]

[4.82944651e+02 1.89671010e+02 7.93843392e+01]

[4.61173608e+03 1.81120681e+03 7.58057101e+02]

[7.75280295e+03 3.04482505e+03 1.27437200e+03]

[8.73924309e+03 3.43223817e+03 1.43651873e+03]

[2.44041180e+01 9.58443934e+00 4.01144267e+00]

[3.59639633e+01 1.41244369e+01 5.91159973e+00]

[4.03310160e+02 1.58395471e+02 6.62943684e+01]

[4.30283133e+01 1.68988799e+01 7.07280682e+00]

[2.04930370e+03 8.04840683e+02 3.36855620e+02]

[6.94682485e+03 2.72828633e+03 1.14188883e+03]

[1.66975544e+01 6.55777429e+00 2.74467130e+00]

[6.42213631e+00 2.52222088e+00 1.05564281e+00]

[2.18352635e+02 8.57555099e+01 3.58918555e+01]

[6.42213631e+00 2.52222088e+00 1.05564281e+00]

[1.28442726e+01 5.04444176e+00 2.11128562e+00]

[3.59023108e+04 1.41002236e+04 5.90146556e+03]

[1.72113253e+03 6.75955196e+02 2.82912273e+02]

[8.49006420e+02 3.33437600e+02 1.39555979e+02]

[1.32874000e+03 5.21847500e+02 2.18412497e+02]

[3.09290085e+03 1.21470158e+03 5.08397577e+02]]

Luxury Mid-Range Non-Luxury

Complication

Automatic 0.958560 0.789585 0.699174

Hand-wound 0.030139 0.108287 0.127360

Quartz 0.011301 0.102128 0.173465

Complications - Chi-square value: 11735.14360669689, p-value: 0.0

Expected frequencies table for Complications:

[[66127.45316788 25970.80395575 10869.74287637]

[ 4473.66015429 1756.97906491 735.36078079]

[ 3819.88667783 1500.21697934 627.89634283]]

Chi-square value: 11735.14360669689

p-value: 0.0

Expected frequencies table:

[[66127.45316788 4473.66015429 3819.88667783]

[25970.80395575 1756.97906491 1500.21697934]

[10869.74287637 735.36078079 627.89634283]]