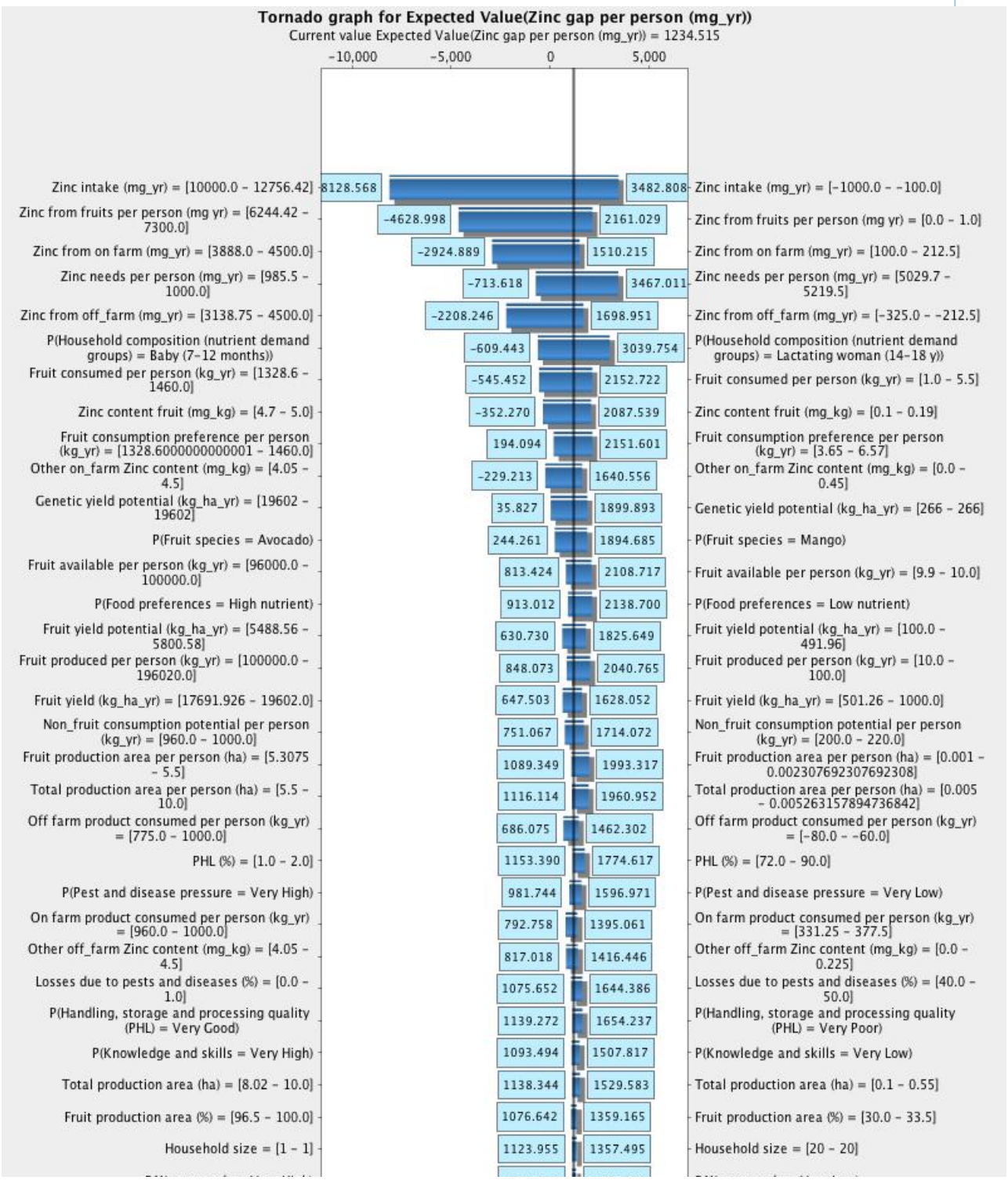
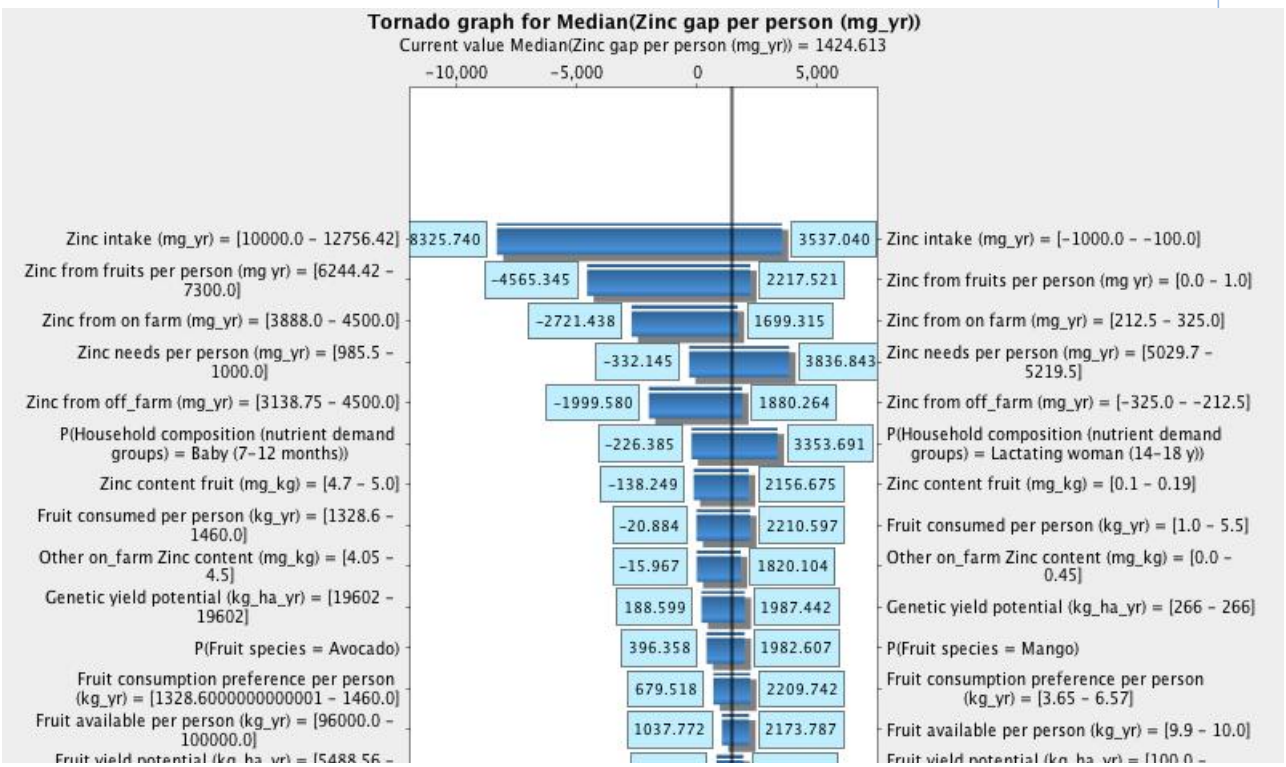
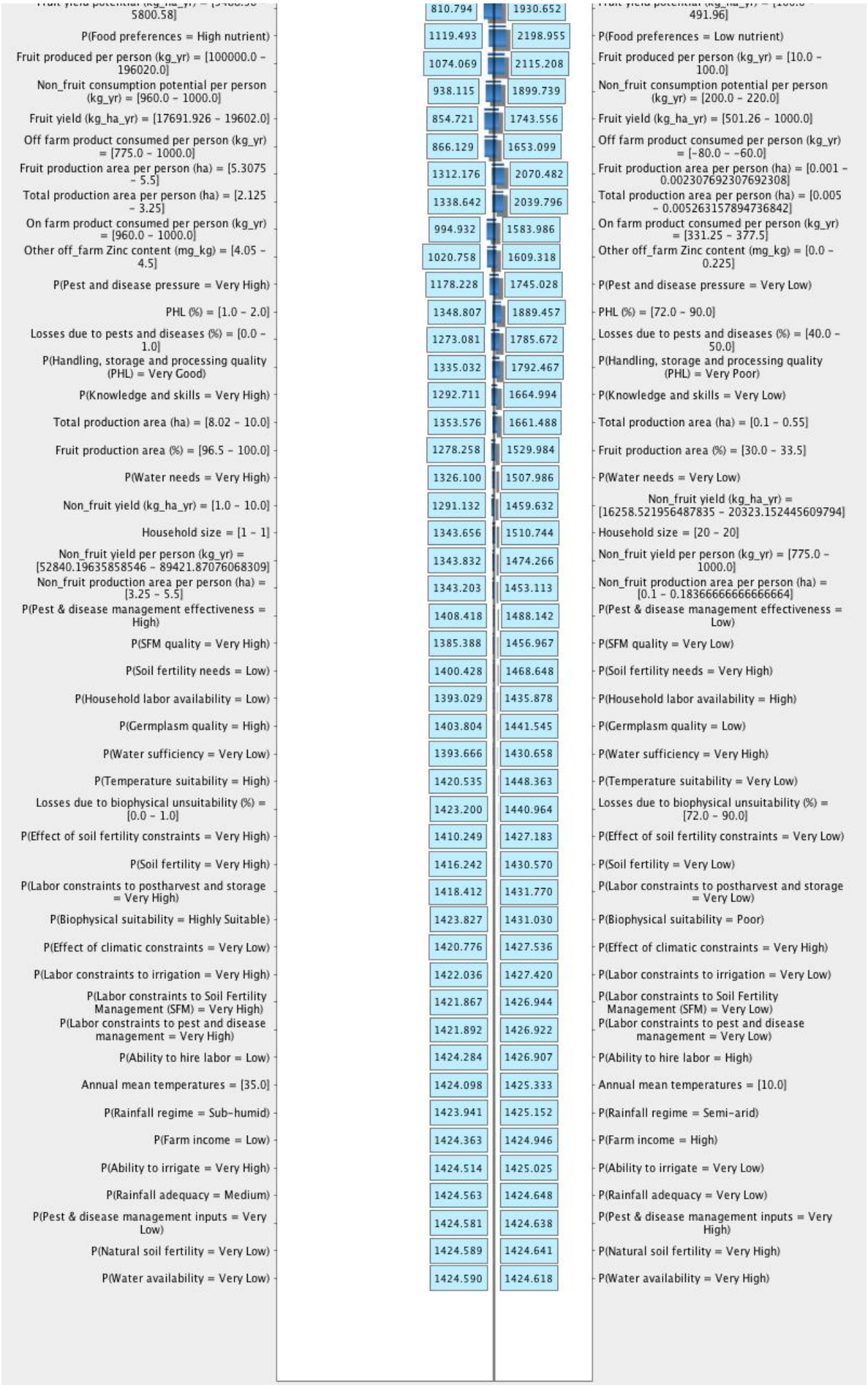
Sensitivity Analysis of Zinc gap per person (mg_yr)

Scenario 1

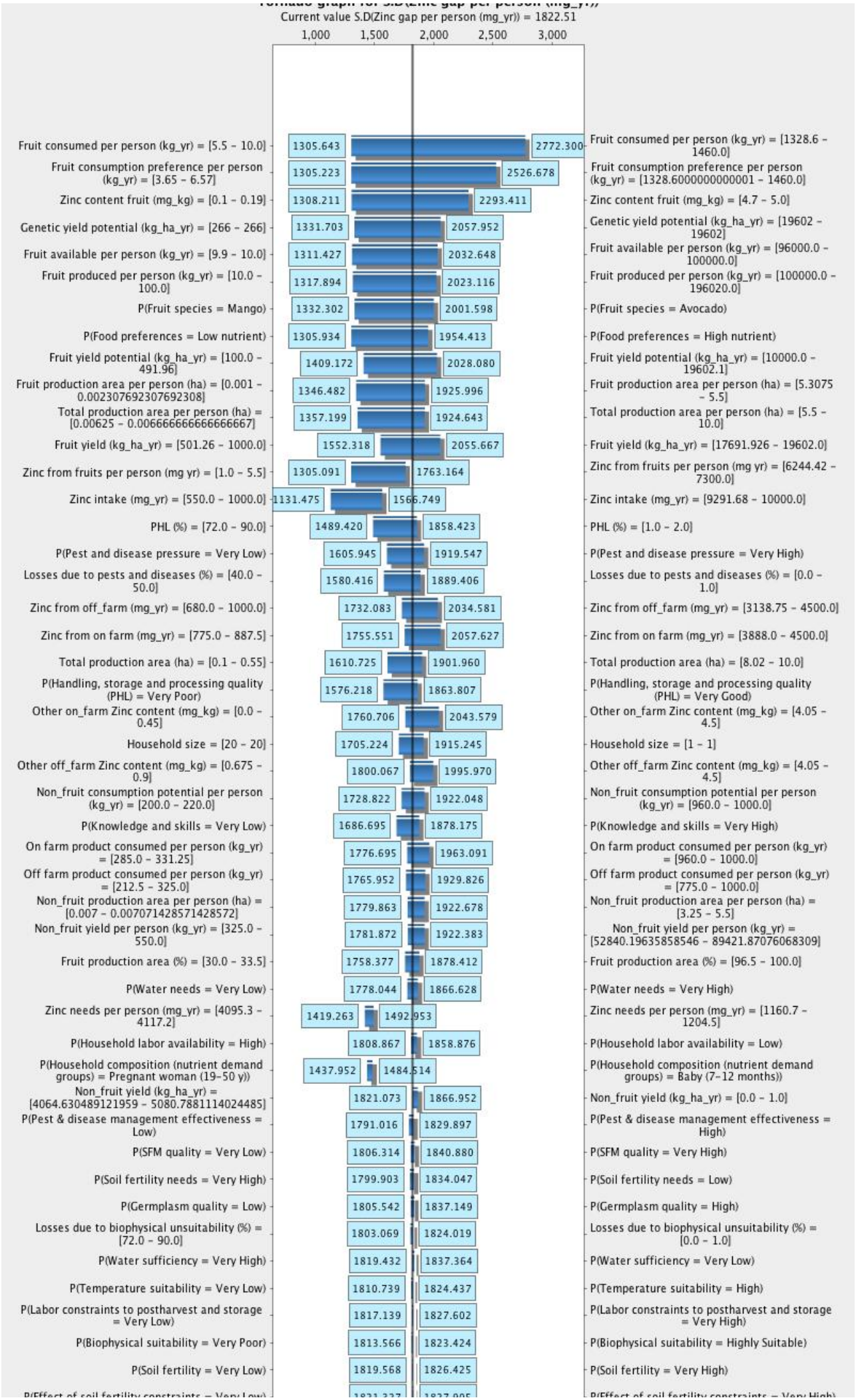


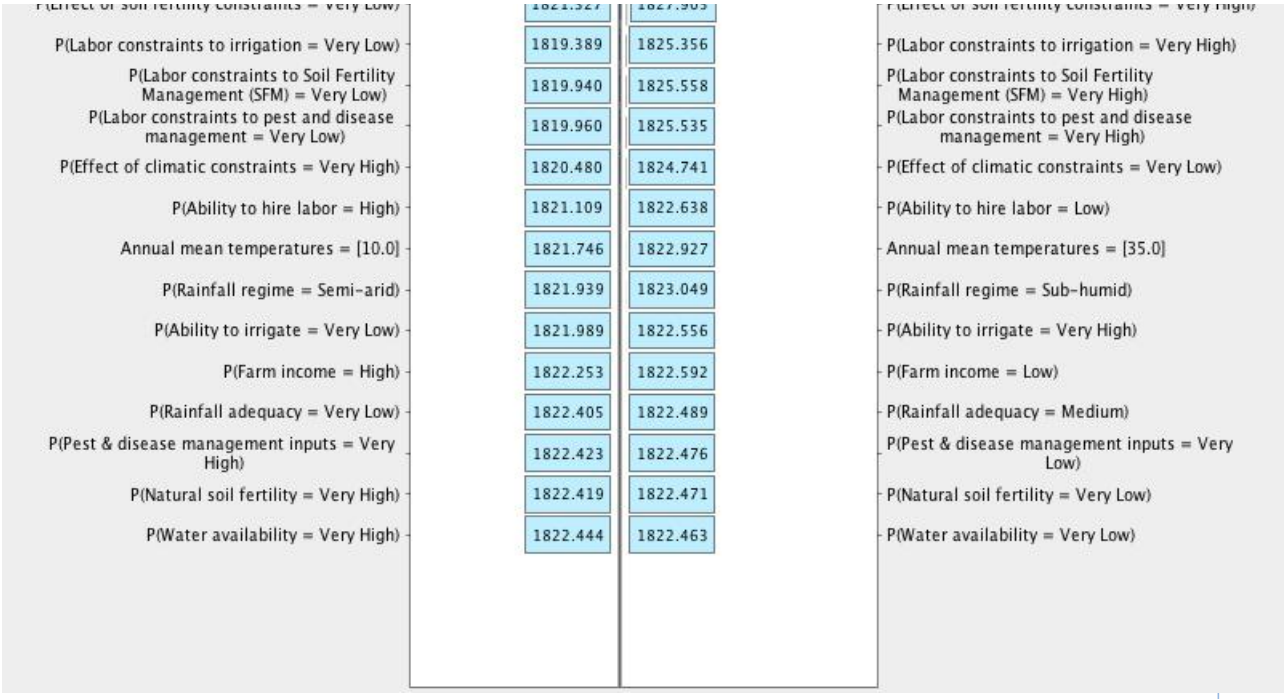

P(Water needs = Very High)
1131.096
1324.816
P(Water needs = Very Low)
Non_fruit yield (kg_ha_yr) = [1.0 - 10.0]
1097.326
1269.065
Non_fruit yield (kg_ha_yr) = [16258.521956487835 - 20323.152445609794]
Non_fruit yield per person (kg_yr) = [52840.19635858546 - 89421.87076068309]
1121.635
1286.919
Non_fruit yield per person (kg_yr) = [775.0 - 1000.0]
Non_fruit production area per person (ha) = [3.25 - 5.5]
1120.895
1269.395
Non_fruit production area per person (ha) = [0.1 - 0.18366666666666664]
P(Pest & disease management effectiveness = High)
1216.856
1304.848
P(Pest & disease management effectiveness = Low)
P(SFM quality = Very High)
1191.638
1270.342
P(SFM quality = Very Low)
P(Soil fertility needs = Low)
1208.817
1281.865
P(Soil fertility needs = Very High)
P(Household labor availability = Low)
1191.360
1250.119
P(Household labor availability = High)
P(Germplasm quality = High)
1209.330
1256.796
P(Germplasm quality = Low)
P(Water sufficiency = Very Low)
1201.586
1240.987
P(Water sufficiency = Very High)
P(Temperature suitability = High)
1230.166
1259.854
P(Temperature suitability = Very Low)
Losses due to biophysical unsuitability (%) = [0.0 - 1.0]
1232.576
1257.475
Losses due to biophysical unsuitability (%) = [72.0 - 90.0]
P(Effect of soil fertility constraints = Very High)
1219.904
1237.195
P(Effect of soil fertility constraints = Very Low)
P(Labor constraints to postharvest and storage = Very High)
1226.772
1243.223
P(Labor constraints to postharvest and storage = Very Low)
P(Soil fertility = Very High)
1225.338
1241.069
P(Soil fertility = Very Low)
P(Biophysical suitability = Highly Suitable)
1233.388
1243.737
P(Biophysical suitability = Very Poor)
P(Effect of climatic constraints = Very Low)
1230.219
1237.897
P(Effect of climatic constraints = Very High)
P(Labor constraints to irrigation = Very High)
1231.017
1238.284
P(Labor constraints to irrigation = Very Low)
P(Labor constraints to Soil Fertility Management (SFM) = Very High)
1230.784
1237.633
P(Labor constraints to Soil Fertility Management (SFM) = Very Low)
P(Labor constraints to pest and disease management = Very High)
1230.816
1237.605
P(Labor constraints to pest and disease management = Very Low)
P(Ability to hire labor = Low)
1234.134
1237.172
P(Ability to hire labor = High)
Annual mean temperatures = [35.0]
1233.850
1235.457
Annual mean temperatures = [10.0]
P(Rainfall regime = Sub-humid)
1233.655
1235.215
P(Rainfall regime = Semi-arid)
P(Ability to irrigate = Very High)
1234.382
1235.072
P(Ability to irrigate = Very Low)
P(Farm income = Low)
1234.226
1234.901
P(Farm income = High)
P(Rainfall adequacy = Medium)
1234.452
1234.563
P(Rainfall adequacy = Very Low)
P(Pest & disease management inputs = Very Low)
1234.475
1234.549
P(Pest & disease management inputs = Very High)
P(Natural soil fertility = Very Low)
1234.483
1234.552
P(Natural soil fertility = Very High)
P(Water availability = Very Low)
1234.487
1234.521
P(Water availability = Very High)

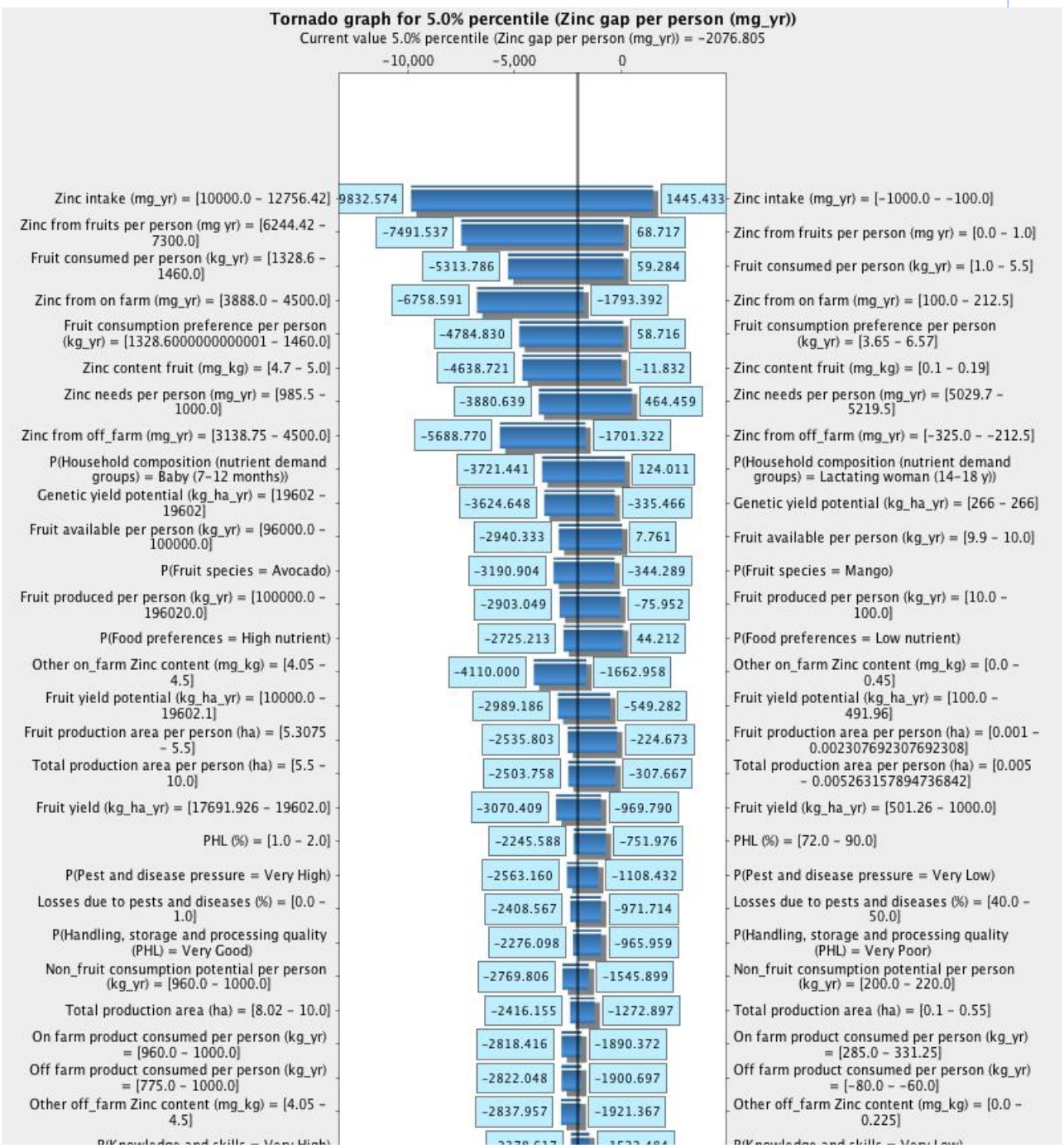

Tornado graph for Median(Zinc gap per person (mg_yr))
Current value Median(Zinc gap per person (mg_yr)) = 1424.613
-10,000
-5,000
0
5,000
Zinc intake (mg_yr) = [10000.0 - 12756.42]
-8325.740
3537.040
Zinc intake (mg_yr) = [-1000.0 - -100.0]
Zinc from fruits per person (mg yr) = [6244.42 - 7300.0]
-4565.345
2217.521
Zinc from fruits per person (mg yr) = [0.0 - 1.0]
Zinc from on farm (mg_yr) = [3888.0 - 4500.0]
-2721.438
1699.315
Zinc from on farm (mg_yr) = [212.5 - 325.0]
Zinc needs per person (mg_yr) = [985.5 - 1000.0]
-332.145
3836.843
Zinc needs per person (mg_yr) = [5029.7 - 5219.5]
Zinc from off_farm (mg_yr) = [3138.75 - 4500.0]
-1999.580
1880.264
Zinc from off_farm (mg_yr) = [-325.0 - -212.5]
P(Household composition (nutrient demand groups) = Baby (7-12 months))
-226.385
3353.691
P(Household composition (nutrient demand groups) = Lactating woman (14-18 y))
Zinc content fruit (mg_kg) = [4.7 - 5.0]
-138.249
2156.675
Zinc content fruit (mg_kg) = [0.1 - 0.19]
Fruit consumed per person (kg_yr) = [1328.6 - 1460.0]
-20.884
2210.597
Fruit consumed per person (kg_yr) = [1.0 - 5.5]
Other on_farm Zinc content (mg_kg) = [4.05 - 4.5]
-15.967
1820.104
Other on_farm Zinc content (mg_kg) = [0.0 - 0.45]
Genetic yield potential (kg_ha_yr) = [19602 - 19602]
188.599
1987.442
Genetic yield potential (kg_ha_yr) = [266 - 266]
P(Fruit species = Avocado)
396.358
1982.607
P(Fruit species = Mango)
Fruit consumption preference per person (kg_yr) = [1328.6000000000001 - 1460.0]
679.518
2209.742
Fruit consumption preference per person (kg_yr) = [3.65 - 6.57]
Fruit available per person (kg_yr) = [96000.0 - 100000.0]
1037.772
2173.787
Fruit available per person (kg_yr) = [9.9 - 10.0]



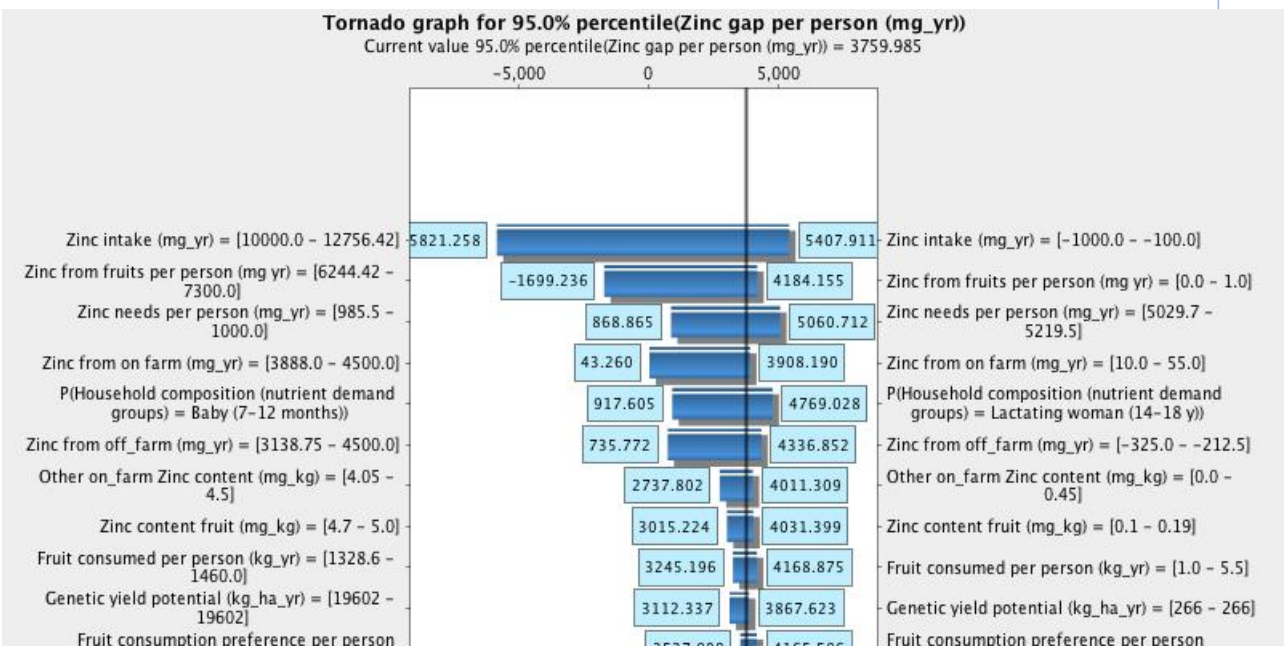
Tornado graph for S.D(Zinc gap per person (mg_yr))


Current value S.D(Zinc gap per person (mg_yr)) = 1822.51
1,000
1,500
2,000
2,500
3,000
Fruit consumed per person (kg_yr) = [5.5 - 10.0]
1305.643
2772.300
Fruit consumed per person (kg_yr) = [1328.6 - 1460.0]
Fruit consumption preference per person (kg_yr) = [3.65 - 6.57]
1305.223
2526.678
Fruit consumption preference per person (kg_yr) = [1328.6000000000001 - 1460.0]
Zinc content fruit (mg_kg) = [0.1 - 0.19]
1308.211
2293.411
Zinc content fruit (mg_kg) = [4.7 - 5.0]
Genetic yield potential (kg_ha_yr) = [266 - 266]
1331.703
2057.952
Genetic yield potential (kg_ha_yr) = [19602 - 19602]
Fruit available per person (kg_yr) = [9.9 - 10.0]
1311.427
2032.648
Fruit available per person (kg_yr) = [96000.0 - 100000.0]
Fruit produced per person (kg_yr) = [10.0 - 100.0]
1317.894
2023.116
Fruit produced per person (kg_yr) = [100000.0 - 196020.0]
P(Fruit species = Mango)
1332.302
2001.598
P(Fruit species = Avocado)
P(Food preferences = Low nutrient)
1305.934
1954.413
P(Food preferences = High nutrient)
Fruit yield potential (kg_ha_yr) = [100.0 - 491.96]
1409.172
2028.080
Fruit yield potential (kg_ha_yr) = [10000.0 - 19602.1]
Fruit production area per person (ha) = [0.001 - 0.002307692307692308]
1346.482
1925.996
Fruit production area per person (ha) = [5.3075 - 5.5]
Total production area per person (ha) = [0.00625 - 0.006666666666666667]
1357.199
1924.643
Total production area per person (ha) = [5.5 - 10.0]
Fruit yield (kg_ha_yr) = [501.26 - 1000.0]
1552.318
2055.667
Fruit yield (kg_ha_yr) = [17691.926 - 19602.0]
Zinc from fruits per person (mg yr) = [1.0 - 5.5]
1305.091
1763.164
Zinc from fruits per person (mg yr) = [6244.42 - 7300.0]
Zinc intake (mg_yr) = [550.0 - 1000.0]
1131.475
1566.749
Zinc intake (mg_yr) = [9291.68 - 10000.0]
PHL (%) = [72.0 - 90.0]
1489.420
1858.423
PHL (%) = [1.0 - 2.0]
P(Pest and disease pressure = Very Low)
1605.945
1919.547
P(Pest and disease pressure = Very High)
Losses due to pests and diseases (%) = [40.0 - 50.0]
1580.416
1889.406
Losses due to pests and diseases (%) = [0.0 - 1.0]
Zinc from off_farm (mg_yr) = [680.0 - 1000.0]
1732.083
2034.581
Zinc from off_farm (mg_yr) = [3138.75 - 4500.0]
Zinc from on farm (mg_yr) = [775.0 - 887.5]
1755.551
2057.627
Zinc from on farm (mg_yr) = [3888.0 - 4500.0]
Total production area (ha) = [0.1 - 0.55]
1610.725
1901.960
Total production area (ha) = [8.02 - 10.0]
P(Handling, storage and processing quality (PHL) = Very Poor)
1576.218
1863.807
P(Handling, storage and processing quality (PHL) = Very Good)
Other on_farm Zinc content (mg_kg) = [0.0 - 0.45]
1760.706
2043.579
Other on_farm Zinc content (mg_kg) = [4.05 - 4.5]
Household size = [20 - 20]
1705.224
1915.245
Household size = [1 - 1]
Other off_farm Zinc content (mg_kg) = [0.675 - 0.9]
1800.067
1995.970
Other off_farm Zinc content (mg_kg) = [4.05 - 4.5]
Non_fruit consumption potential per person (kg_yr) = [200.0 - 220.0]
1728.822
1922.048
Non_fruit consumption potential per person (kg_yr) = [960.0 - 1000.0]
P(Knowledge and skills = Very Low)
1686.695
1878.175
P(Knowledge and skills = Very High)
On farm product consumed per person (kg_yr) = [285.0 - 331.25]
1776.695
1963.091
On farm product consumed per person (kg_yr) = [960.0 - 1000.0]
Off farm product consumed per person (kg_yr) = [212.5 - 325.0]
1765.952
1929.826
Off farm product consumed per person (kg_yr) = [775.0 - 1000.0]
Non_fruit production area per person (ha) = [0.007 - 0.007071428571428572]
1779.863
1922.678
Non_fruit production area per person (ha) = [3.25 - 5.5]
Non_fruit yield per person (kg_yr) = [325.0 - 550.0]
1781.872
1922.383
Non_fruit yield per person (kg_yr) = [52840.19635858546 - 89421.87076068309]
Fruit production area (%) = [30.0 - 33.5]
1758.377
1878.412
Fruit production area (%) = [96.5 - 100.0]
P(Water needs = Very Low)
1778.044
1866.628
P(Water needs = Very High)
Zinc needs per person (mg_yr) = [4095.3 - 4117.2]
1419.263
1492.953
Zinc needs per person (mg_yr) = [1160.7 - 1204.5]
P(Household labor availability = High)
1808.867
1858.876
P(Household labor availability = Low)
P(Household composition (nutrient demand groups) = Pregnant woman (19-50 y))
1437.952
1484.514
P(Household composition (nutrient demand groups) = Baby (7-12 months))
Non_fruit yield (kg_ha_yr) = [4064.630489121959 - 5080.7881114024485]
1821.073
1866.952
Non_fruit yield (kg_ha_yr) = [0.0 - 1.0]
P(Pest & disease management effectiveness = Low)
1791.016
1829.897
P(Pest & disease management effectiveness = High)
P(SFM quality = Very Low)
1806.314
1840.880
P(SFM quality = Very High)
P(Soil fertility needs = Very High)
1799.903
1834.047
P(Soil fertility needs = Low)
P(Germplasm quality = Low)
1805.542
1837.149
P(Germplasm quality = High)
Losses due to biophysical unsuitability (%) = [72.0 - 90.0]
1803.069
1824.019
Losses due to biophysical unsuitability (%) = [0.0 - 1.0]
P(Water sufficiency = Very High)
1819.432
1837.364
P(Water sufficiency = Very Low)
P(Temperature suitability = Very Low)
1810.739
1824.437
P(Temperature suitability = High)
P(Labor constraints to postharvest and storage = Very Low)
1817.139
1827.602
P(Labor constraints to postharvest and storage = Very High)
P(Biophysical suitability = Very Poor)
1813.566
1823.424
P(Biophysical suitability = Highly Suitable)
P(Soil fertility = Very Low)
1819.568
1826.425
P(Soil fertility = Very High)


P(Labor constraints to irrigation = Very Low)
1819.389
1825.356
P(Labor constraints to irrigation = Very High)
P(Labor constraints to Soil Fertility Management (SFM) = Very Low)
1819.940
1825.558
P(Labor constraints to Soil Fertility Management (SFM) = Very High)
P(Labor constraints to pest and disease management = Very Low)
1819.960
1825.535
P(Labor constraints to pest and disease management = Very High)
P(Effect of climatic constraints = Very High)
1820.480
1824.741
P(Effect of climatic constraints = Very Low)
P(Ability to hire labor = High)
1821.109
1822.638
P(Ability to hire labor = Low)
Annual mean temperatures = [10.0]
1821.746
1822.927
Annual mean temperatures = [35.0]
P(Rainfall regime = Semi-arid)
1821.939
1823.049
P(Rainfall regime = Sub-humid)
P(Ability to irrigate = Very Low)
1821.989
1822.556
P(Ability to irrigate = Very High)
P(Farm income = High)
1822.253
1822.592
P(Farm income = Low)
P(Rainfall adequacy = Very Low)
1822.405
1822.489
P(Rainfall adequacy = Medium)
P(Pest & disease management inputs = Very High)
1822.423
1822.476
P(Pest & disease management inputs = Very Low)
P(Natural soil fertility = Very High)
1822.419
1822.471
P(Natural soil fertility = Very Low)
P(Water availability = Very High)
1822.444
1822.463
P(Water availability = Very Low)


Tornado graph for 5.0% percentile (Zinc gap per person (mg_yr))
Current value 5.0% percentile (Zinc gap per person (mg_yr)) = -2076.805
-10,000
-5,000
0
Zinc intake (mg_yr) = [10000.0 - 12756.42]
-9832.574
1445.433
Zinc intake (mg_yr) = [-1000.0 - -100.0]
Zinc from fruits per person (mg yr) = [6244.42 - 7300.0]
-7491.537
68.717
Zinc from fruits per person (mg yr) = [0.0 - 1.0]
Fruit consumed per person (kg_yr) = [1328.6 - 1460.0]
-5313.786
59.284
Fruit consumed per person (kg_yr) = [1.0 - 5.5]
Zinc from on farm (mg_yr) = [3888.0 - 4500.0]
-6758.591
-1793.392
Zinc from on farm (mg_yr) = [100.0 - 212.5]
Fruit consumption preference per person (kg_yr) = [1328.6000000000001 - 1460.0]
-4784.830
58.716
Fruit consumption preference per person (kg_yr) = [3.65 - 6.57]
Zinc content fruit (mg_kg) = [4.7 - 5.0]
-4638.721
-11.832
Zinc content fruit (mg_kg) = [0.1 - 0.19]
Zinc needs per person (mg_yr) = [985.5 - 1000.0]
-3880.639
464.459
Zinc needs per person (mg_yr) = [5029.7 - 5219.5]
Zinc from off_farm (mg_yr) = [3138.75 - 4500.0]
-5688.770
-1701.322
Zinc from off_farm (mg_yr) = [-325.0 - -212.5]
P(Household composition (nutrient demand groups) = Baby (7-12 months))
-3721.441
124.011
P(Household composition (nutrient demand groups) = Lactating woman (14-18 y))
Genetic yield potential (kg_ha_yr) = [19602 - 19602]
-3624.648
-335.466
Genetic yield potential (kg_ha_yr) = [266 - 266]
Fruit available per person (kg_yr) = [96000.0 - 100000.0]
-2940.333
7.761
Fruit available per person (kg_yr) = [9.9 - 10.0]
P(Fruit species = Avocado)
-3190.904
-344.289
P(Fruit species = Mango)
Fruit produced per person (kg_yr) = [100000.0 - 196020.0]
-2903.049
-75.952
Fruit produced per person (kg_yr) = [10.0 - 100.0]
P(Food preferences = High nutrient)
-2725.213
44.212
P(Food preferences = Low nutrient)
Other on_farm Zinc content (mg_kg) = [4.05 - 4.5]
-4110.000
-1662.958
Other on_farm Zinc content (mg_kg) = [0.0 - 0.45]
Fruit yield potential (kg_ha_yr) = [10000.0 - 19602.1]
-2989.186
-549.282
Fruit yield potential (kg_ha_yr) = [100.0 - 491.96]
Fruit production area per person (ha) = [5.3075 - 5.5]
-2535.803
-224.673
Fruit production area per person (ha) = [0.001 - 0.002307692307692308]
Total production area per person (ha) = [5.5 - 10.0]
-2503.758
-307.667
Total production area per person (ha) = [0.005 - 0.005263157894736842]
Fruit yield (kg_ha_yr) = [17691.926 - 19602.0]
-3070.409
-969.790
Fruit yield (kg_ha_yr) = [501.26 - 1000.0]
PHL (%) = [1.0 - 2.0]
-2245.588
-751.976
PHL (%) = [72.0 - 90.0]
P(Pest and disease pressure = Very High)
-2563.160
-1108.432
P(Pest and disease pressure = Very Low)
Losses due to pests and diseases (%) = [0.0 - 1.0]
-2408.567
-971.714
Losses due to pests and diseases (%) = [40.0 - 50.0]
P(Handling, storage and processing quality (PHL) = Very Good)
-2276.098
-965.959
P(Handling, storage and processing quality (PHL) = Very Poor)
Non_fruit consumption potential per person (kg_yr) = [960.0 - 1000.0]
-2769.806
-1545.899
Non_fruit consumption potential per person (kg_yr) = [200.0 - 220.0]
Total production area (ha) = [8.02 - 10.0]
-2416.155
-1272.897
Total production area (ha) = [0.1 - 0.55]
On farm product consumed per person (kg_yr) = [960.0 - 1000.0]
-2818.416
-1890.372
On farm product consumed per person (kg_yr) = [285.0 - 331.25]
Off farm product consumed per person (kg_yr) = [775.0 - 1000.0]
-2822.048
-1900.697
Off farm product consumed per person (kg_yr) = [-80.0 - -60.0]
Other off_farm Zinc content (mg_kg) = [4.05 - 4.5]
-2837.957
-1921.367
Other off_farm Zinc content (mg_kg) = [0.0 - 0.225]


P(Knowledge and skills = Very High)
Household size = [1 - 1]
Fruit production area (%) = [96.5 - 100.0]
Non_fruit production area per person (ha) = [3.25 - 5.5]
Non_fruit yield per person (kg_yr) = [52840.19635858546 - 89421.87076068309]
P(Water needs = Very High)
Non_fruit yield (kg_ha_yr) = [1.0 - 10.0]
P(Household labor availability = Low)
P(Pest & disease management effectiveness = High)
P(SFM quality = Very High)
P(Soil fertility needs = Low)
P(Germplasm quality = High)
Losses due to biophysical unsuitability (%) = [0.0 - 1.0]
P(Water sufficiency = Very Low)
P(Temperature suitability = High)
P(Labor constraints to postharvest and storage = Very High)
P(Biophysical suitability = Highly Suitable)
P(Soil fertility = Very High)
P(Effect of soil fertility constraints = Very High)
P(Labor constraints to irrigation = Very High)
P(Labor constraints to Soil Fertility Management (SFM) = Very High)
P(Labor constraints to pest and disease management = Very High)
P(Effect of climatic constraints = Very Low)
P(Ability to hire labor = Low)
Annual mean temperatures = [35.0]
P(Rainfall regime = Sub-humid)
P(Ability to irrigate = Very High)
P(Farm income = Low)
P(Rainfall adequacy = Medium)
P(Pest & disease management inputs = Very Low)
P(Natural soil fertility = Very Low)
P(Water availability = Very Low)
-2469.531
-1728.582
-2398.247
-1850.134
-2493.019
-1971.859
-2491.359
-1990.213
-2288.920
-1928.379
-2311.208
-2051.891
-2219.954
-2038.918
-2102.424
-1964.736
-2151.569
-2020.805
-2113.040
-2003.518
-2122.349
-2027.293
-2081.296
-2021.027
-2123.146
-2067.248
-2083.093
-2039.123
-2092.148
-2060.373
-2079.569
-2051.912
-2090.409
-2066.912
-2094.956
-2073.155
-2084.917
-2068.177
-2085.473
-2069.718
-2085.407
-2069.777
-2083.822
-2070.856
-2077.438
-2072.378
-2078.213
-2074.768
-2078.585
-2075.320
-2077.112
-2075.522
-2077.285
-2076.163
-2076.932
-2076.689
-2076.891
-2076.735
-2076.875
-2076.724
-2076.857
-2076.795
P(Knowledge and skills = Very Low)
Household size = [20 - 20]
Fruit production area (%) = [30.0 - 33.5]
Non_fruit production area per person (ha) = [0.007 - 0.007071428571428572]
Non_fruit yield per person (kg_yr) = [325.0 - 550.0]
P(Water needs = Very Low)
Non_fruit yield (kg_ha_yr) = [16258.521956487835 - 20323.152445609794]
P(Household labor availability = High)
P(Pest & disease management effectiveness = Low)
P(SFM quality = Very Low)
P(Soil fertility needs = Very High)
P(Germplasm quality = Low)
Losses due to biophysical unsuitability (%) = [72.0 - 90.0]
P(Water sufficiency = Very High)
P(Temperature suitability = Very Low)
P(Labor constraints to postharvest and storage = Very Low)
P(Biophysical suitability = Very Poor)
P(Soil fertility = Very Low)
P(Effect of soil fertility constraints = Very Low)
P(Labor constraints to irrigation = Very Low)
P(Labor constraints to Soil Fertility Management (SFM) = Very Low)
P(Labor constraints to pest and disease management = Very Low)
P(Effect of climatic constraints = Very High)
P(Ability to hire labor = High)
Annual mean temperatures = [10.0]
P(Rainfall regime = Semi-arid)
P(Ability to irrigate = Very Low)
P(Farm income = High)
P(Rainfall adequacy = Very Low)
P(Pest & disease management inputs = Very High)
P(Natural soil fertility = Very High)
P(Water availability = Very High)


Tornado graph for 95.0% percentile(Zinc gap per person (mg_yr))
Current value 95.0% percentile(Zinc gap per person (mg_yr)) = 3759.985
-5,000
0
5,000
Zinc intake (mg_yr) = [10000.0 - 12756.42]
Zinc from fruits per person (mg yr) = [6244.42 - 7300.0]
Zinc needs per person (mg_yr) = [985.5 - 1000.0]
Zinc from on farm (mg_yr) = [3888.0 - 4500.0]
P(Household composition (nutrient demand groups) = Baby (7-12 months))
Zinc from off_farm (mg_yr) = [3138.75 - 4500.0]
Other on_farm Zinc content (mg_kg) = [4.05 - 4.5]
Zinc content fruit (mg_kg) = [4.7 - 5.0]
Fruit consumed per person (kg_yr) = [1328.6 - 1460.0]
Genetic yield potential (kg_ha_yr) = [19602 - 19602]
Fruit consumption preference per person
-5821.258
5407.911
-1699.236
4184.155
868.865
5060.712
43.260
3908.190
917.605
4769.028
735.772
4336.852
2737.802
4011.309
3015.224
4031.399
3245.196
4168.875
3112.337
3867.623
Zinc intake (mg_yr) = [-1000.0 - -100.0]
Zinc from fruits per person (mg yr) = [0.0 - 1.0]
Zinc needs per person (mg_yr) = [5029.7 - 5219.5]
Zinc from on farm (mg_yr) = [10.0 - 55.0]
P(Household composition (nutrient demand groups) = Lactating woman (14-18 y))
Zinc from off_farm (mg_yr) = [-325.0 - -212.5]
Other on_farm Zinc content (mg_kg) = [0.0 - 0.45]
Zinc content fruit (mg_kg) = [0.1 - 0.19]
Fruit consumed per person (kg_yr) = [1.0 - 5.5]
Genetic yield potential (kg_ha_yr) = [266 - 266]
Fruit consumption preference per person


(kg_yr) = [1328.6000000000001 - 1460.0]
P(Fruit species = Avocado)
Non_fruit consumption potential per person (kg_yr) = [960.0 - 1000.0]
P(Food preferences = High nutrient)
Off farm product consumed per person (kg_yr) = [775.0 - 1000.0]
Fruit available per person (kg_yr) = [96000.0 - 100000.0]
Fruit produced per person (kg_yr) = [100000.0 - 196020.0]
Fruit yield potential (kg_ha_yr) = [5488.56 - 5800.58]
Fruit yield (kg_ha_yr) = [17691.926 - 19602.0]
On farm product consumed per person (kg_yr) = [960.0 - 1000.0]
Other off_farm Zinc content (mg_kg) = [4.05 - 4.5]
Fruit production area per person (ha) = [5.3075 - 5.5]
Total production area per person (ha) = [1.0 - 2.125]
PHL (%) = [1.0 - 2.0]
P(Pest and disease pressure = Very High)
P(Knowledge and skills = Very High)
Losses due to pests and diseases (%) = [0.0 - 1.0]
P(Handling, storage and processing quality (PHL) = Very Good)
Fruit production area (%) = [96.5 - 100.0]
Non_fruit yield (kg_ha_yr) = [10.0 - 100.0]
Non_fruit yield per person (kg_yr) = [100.0 - 325.0]
Total production area (ha) = [8.02 - 10.0]
Non_fruit production area per person (ha) = [0.018666666666666668 - 0.02475]
P(Water needs = Very High)
P(Pest & disease management effectiveness = High)
P(SFM quality = Very High)
P(Soil fertility needs = Low)
Household size = [1 - 1]
P(Germplasm quality = High)
P(Water sufficiency = Very Low)
P(Temperature suitability = High)
P(Household labor availability = Low)
P(Soil fertility = Very High)
P(Effect of soil fertility constraints = Very High)
P(Labor constraints to postharvest and storage = Very High)
Losses due to biophysical unsuitability (%) = [0.0 - 1.0]
P(Effect of climatic constraints = Very Low)
P(Biophysical suitability = Highly Suitable)
P(Ability to hire labor = Medium)
P(Labor constraints to irrigation = Very High)
P(Labor constraints to Soil Fertility Management (SFM) = Very High)
P(Labor constraints to pest and disease management = Very High)
P(Rainfall regime = Sub-humid)
Annual mean temperatures = [35.0]
P(Farm income = Low)
P(Ability to irrigate = Very High)
P(Rainfall adequacy = Medium)
P(Pest & disease management inputs = Very Low)
P(Natural soil fertility = Very Low)
P(Water availability = Very Low)
3527.809
4165.586
(kg_yr) = [3.65 - 6.57]
3242.699
3865.187
P(Fruit species = Mango)
3520.992
4030.292
Non_fruit consumption potential per person (kg_yr) = [200.0 - 220.0]
3661.458
4141.385
P(Food preferences = Low nutrient)
3482.707
3899.587
Off farm product consumed per person (kg_yr) = [-80.0 - -60.0]
3675.379
4089.892
Fruit available per person (kg_yr) = [9.9 - 10.0]
3686.373
4007.753
Fruit produced per person (kg_yr) = [0.0 - 1.0]
3562.949
3858.556
Fruit yield potential (kg_ha_yr) = [100.0 - 491.96]
3600.237
3839.896
Fruit yield (kg_ha_yr) = [501.26 - 1000.0]
3597.951
3817.967
On farm product consumed per person (kg_yr) = [331.25 - 377.5]
3655.515
3851.664
Other off_farm Zinc content (mg_kg) = [0.0 - 0.225]
3735.528
3930.612
Fruit production area per person (ha) = [0.001 - 0.002307692307692308]
3750.549
3921.842
Total production area per person (ha) = [0.005 - 0.005263157894736842]
3739.933
3876.853
PHL (%) = [72.0 - 90.0]
3694.731
3826.052
P(Pest and disease pressure = Very Low)
3713.890
3835.663
P(Knowledge and skills = Very Low)
3721.607
3841.159
Losses due to pests and diseases (%) = [40.0 - 50.0]
3736.300
3847.625
P(Handling, storage and processing quality (PHL) = Very Poor)
3697.039
3799.507
Fruit production area (%) = [30.0 - 33.5]
3706.611
3782.935
Non_fruit yield (kg_ha_yr) = [16258.521956487835 - 20323.152445609794]
3715.750
3789.282
Non_fruit yield per person (kg_yr) = [775.0 - 1000.0]
3752.099
3810.255
Total production area (ha) = [0.1 - 0.55]
3723.158
3780.296
Non_fruit production area per person (ha) = [0.28 - 0.37808571428571425]
3735.677
3778.928
P(Water needs = Very Low)
3754.486
3780.965
P(Pest & disease management effectiveness = Low)
3746.836
3770.594
P(SFM quality = Very Low)
3754.218
3770.166
P(Soil fertility needs = Very High)
3751.725
3766.435
Household size = [13 - 13]
3753.491
3763.489
P(Germplasm quality = Low)
3752.598
3761.404
P(Water sufficiency = Very High)
3759.025
3765.535
P(Temperature suitability = Very Low)
3756.435
3761.240
P(Household labor availability = High)
3757.191
3761.961
P(Soil fertility = Very Low)
3756.324
3760.618
P(Effect of soil fertility constraints = Very Low)
3758.455
3762.009
P(Labor constraints to postharvest and storage = Very Low)
3759.709
3763.061
Losses due to biophysical unsuitability (%) = [72.0 - 90.0]
3759.103
3760.639
P(Effect of climatic constraints = Very High)
3759.841
3761.199
P(Biophysical suitability = Poor)
3759.872
3760.769
P(Ability to hire labor = High)
3759.638
3760.412
P(Labor constraints to irrigation = Very Low)
3759.621
3760.352
P(Labor constraints to Soil Fertility Management (SFM) = Very Low)
3759.626
3760.345
P(Labor constraints to pest and disease management = Very Low)
3759.822
3760.106
P(Rainfall regime = Semi-arid)
3759.867
3760.138
Annual mean temperatures = [10.0]
3759.899
3760.099
P(Farm income = High)
3759.971
3760.044
P(Ability to irrigate = Very Low)
3759.972
3759.991
P(Rainfall adequacy = Very High)
3759.978
3759.990
P(Pest & disease management inputs = Very High)
3759.980
3759.991
P(Natural soil fertility = Very High)
3759.977
3759.987
P(Water availability = Very High)