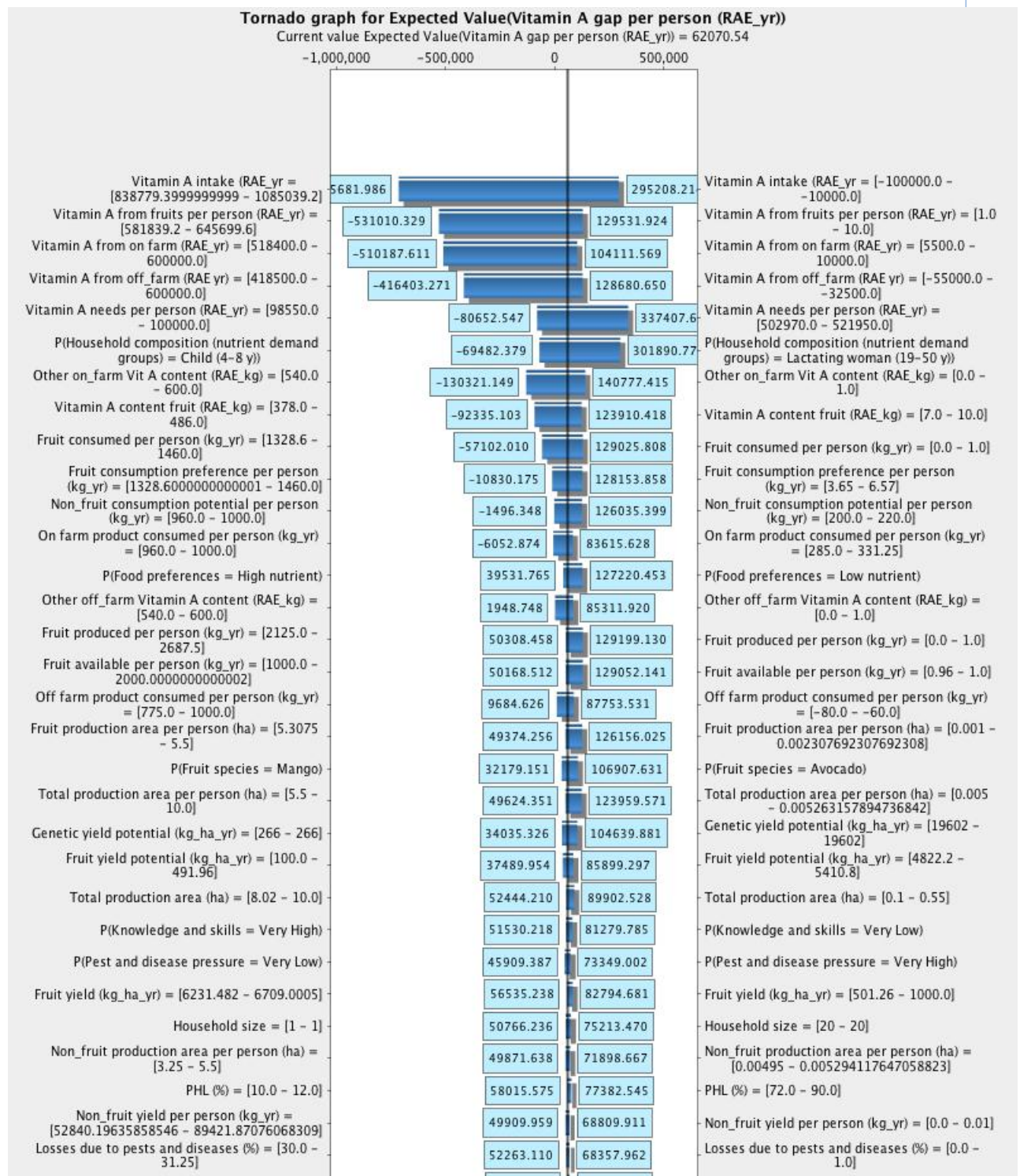
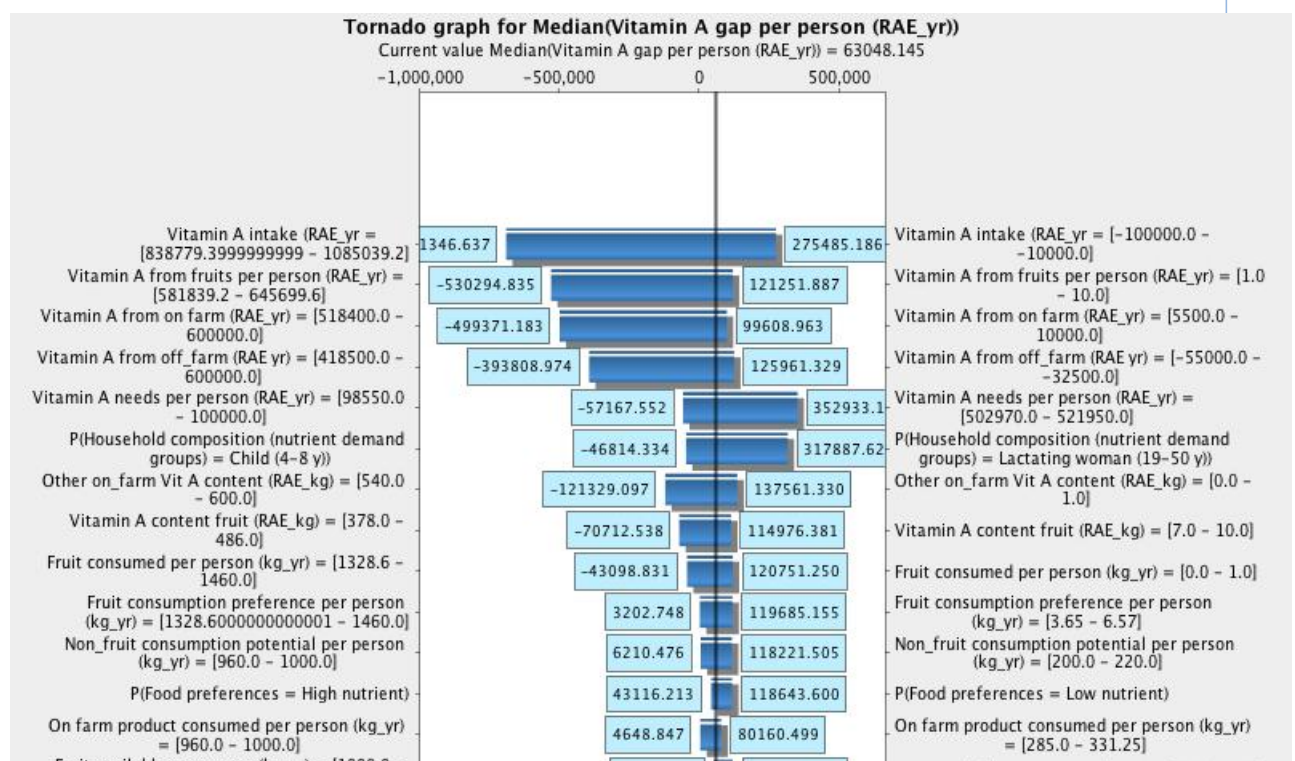


Sensitivity Analysis of Vitamin A gap per person (RAE_yr)

Scenario 1

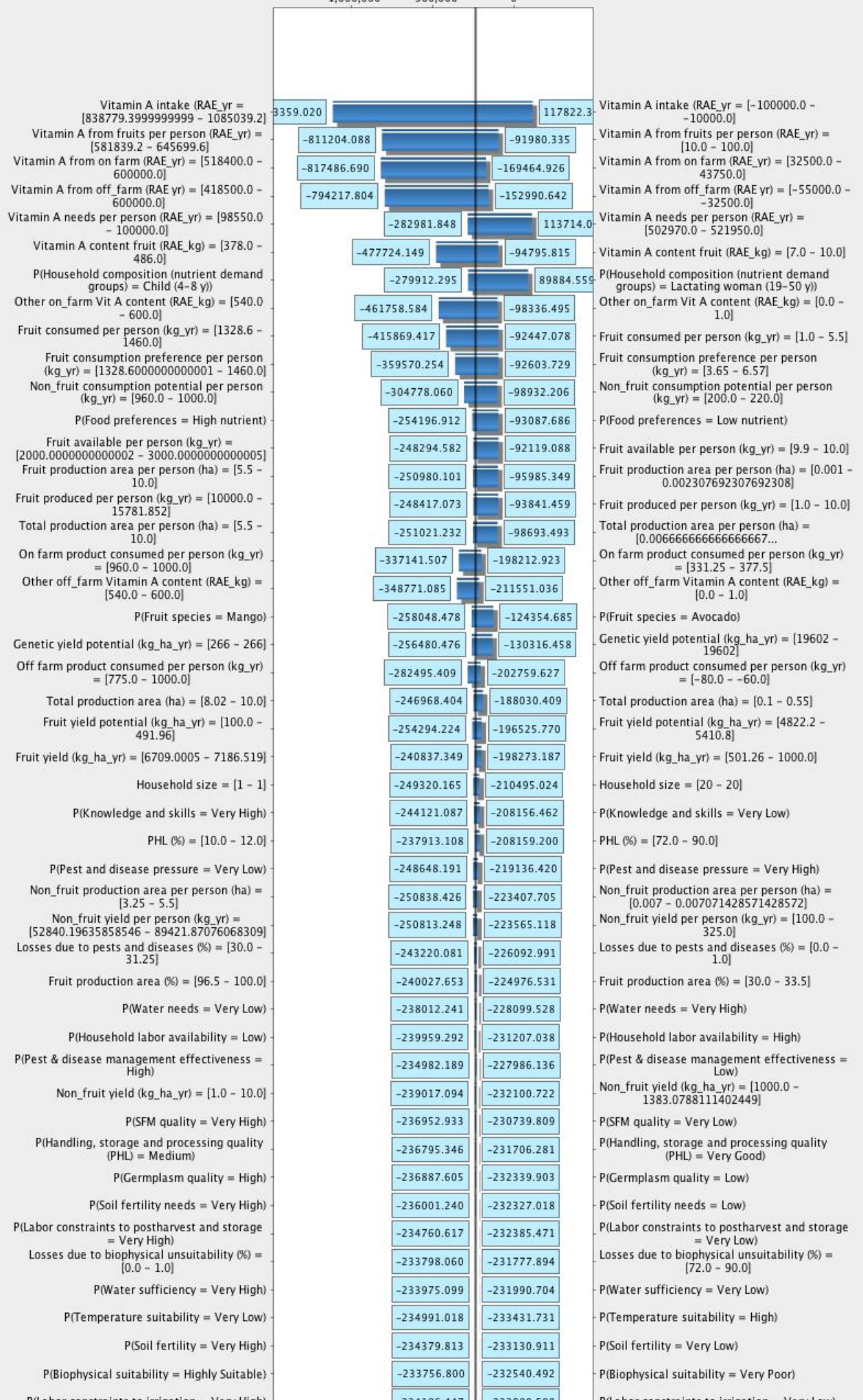


Fruit production area (%) = [96.5 - 100.0]	57315.627	69480.973	Fruit production area (%) = [30.0 - 33.5]
P(Water needs = Very Low)	57958.640	66779.222	-P(Water needs = Very High)
P(Pest & disease management effectiveness = High)	60814.785	67071.845	P(Pest & disease management effectiveness = Low)
P(Household labor availability = Low)	57752.966	63629.956	-P(Household labor availability = High)
P(SFM quality = Very High)	58963.326	64659.278	-P(SFM quality = Very Low)
P(Handling, storage and processing quality (PHL) = Medium)	59003.996	63957.723	P(Handling, storage and processing quality (PHL) = Very Good)
P(Germplasm quality = High)	59645.238	63118.025	-P(Germplasm quality = Low)
P(Soil fertility needs = Very High)	59906.209	63246.803	-P(Soil fertility needs = Low)
P(Water sufficiency = Very High)	61781.320	63540.600	-P(Water sufficiency = Very Low)
P(Labor constraints to postharvest and storage = Very High)	61276.789	62990.131	P(Labor constraints to postharvest and storage = Very Low)
Losses due to biophysical unsuitability (%) = [0.0 - 1.0]	61953.582	63593.142	Losses due to biophysical unsuitability (%) = [72.0 - 90.0]
P(Temperature suitability = Very Low)	60855.760	62270.310	-P(Temperature suitability = High)
P(Soil fertility = Very High)	61402.936	62546.598	-P(Soil fertility = Very Low)
P(Biophysical suitability = Highly Suitable)	61986.636	62985.356	-P(Biophysical suitability = Very Poor)
Non_fruit yield (kg_ha_yr) = [10.0 - 100.0]	61356.075	62336.966	Non_fruit yield (kg_ha_yr) = [16258.521956487835 - 20323.152445609794]
P(Effect of soil fertility constraints = Very Low)	61939.937	62888.157	-P(Effect of soil fertility constraints = Very High)
P(Labor constraints to irrigation = Very High)	61718.732	62451.240	-P(Labor constraints to irrigation = Very Low)
P(Labor constraints to Soil Fertility Management (SFM) = Very High)	61695.139	62386.081	P(Labor constraints to Soil Fertility Management (SFM) = Very Low)
P(Labor constraints to pest and disease management = Very High)	61696.973	62384.485	P(Labor constraints to pest and disease management = Very Low)
P(Ability to hire labor = Low)	62029.794	62354.258	-P(Ability to hire labor = High)
P(Effect of climatic constraints = High)	62036.892	62167.108	-P(Effect of climatic constraints = Very Low)
P(Rainfall regime = Sub-humid)	62015.868	62109.622	-P(Rainfall regime = Semi-arid)
Annual mean temperatures = [35.0]	62032.684	62118.037	-Annual mean temperatures = [10.0]
P(Farm income = Low)	62039.632	62111.725	-P(Farm income = High)
P(Ability to irrigate = Very High)	62056.996	62127.048	-P(Ability to irrigate = Very Low)
P(Rainfall adequacy = Medium)	62065.872	62072.649	-P(Rainfall adequacy = Very High)
P(Pest & disease management inputs = Very Low)	62068.263	62072.399	P(Pest & disease management inputs = Very High)
P(Natural soil fertility = Very Low)	62069.075	62072.188	-P(Natural soil fertility = Very High)
P(Water availability = Very High)	62070.033	62072.063	-P(Water availability = Very Low)

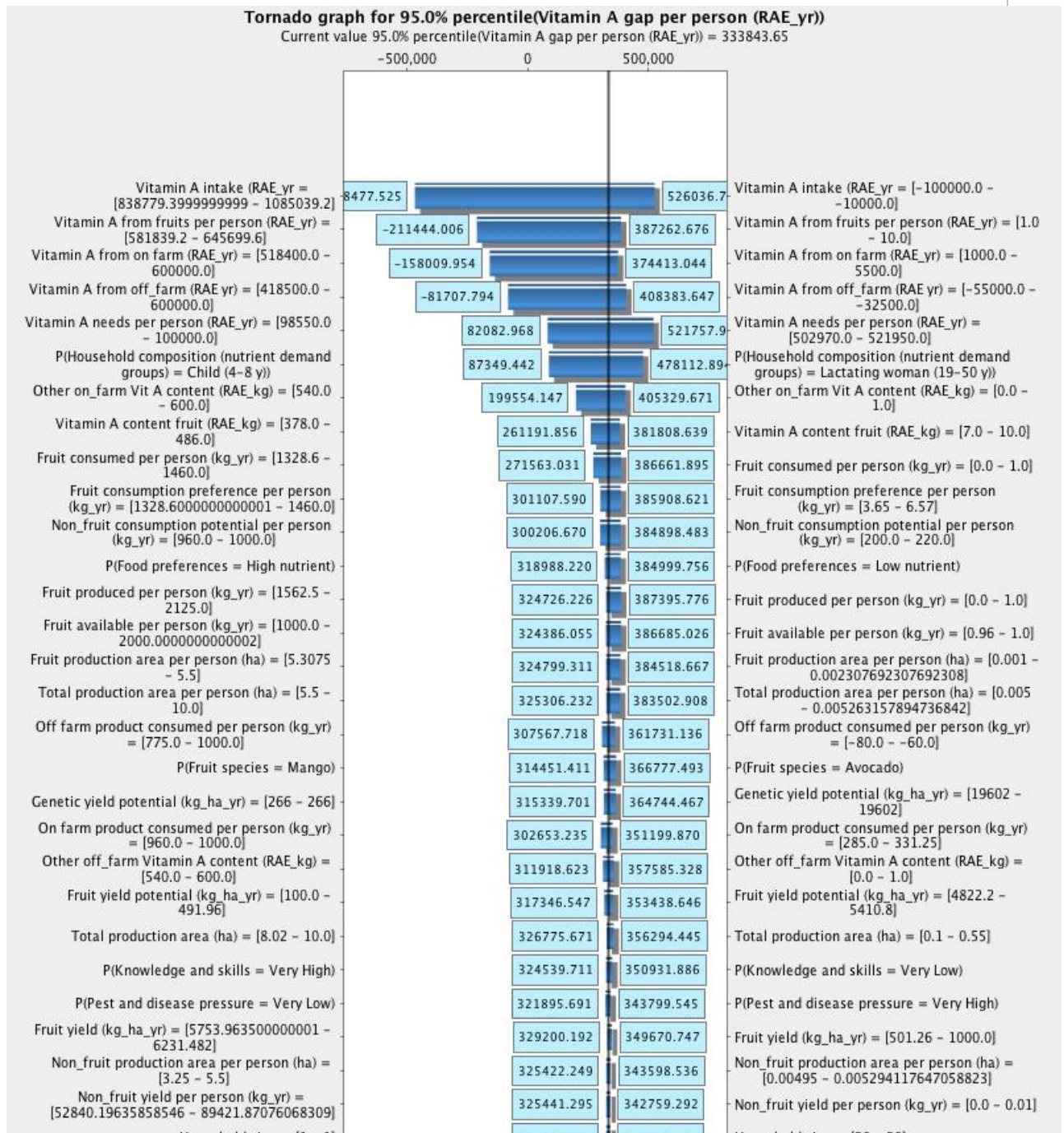


Tornado graph for 5.0% percentile (Vitamin A gap per person (BAE yr))

Current value 5.0% percentile (Vitamin A gap per person (RAE_yr)) = -233654.715



P(Labor constraints to irrigation = Very High)	-233180.474	-233380.339	P(Labor constraints to irrigation = Very Low)
P(Effect of soil fertility constraints = Very Low)	-233802.144	-232712.850	P(Effect of soil fertility constraints = Very High)
P(Labor constraints to Soil Fertility Management (SFM) = Very High)	-234222.635	-233180.438	P(Labor constraints to Soil Fertility Management (SFM) = Very Low)
P(Labor constraints to pest and disease management = Very High)	-234220.296	-233182.536	P(Labor constraints to pest and disease management = Very Low)
P(Ability to hire labor = Low)	-233707.670	-233284.488	P(Ability to hire labor = High)
P(Effect of climatic constraints = High)	-233690.298	-233553.334	P(Effect of climatic constraints = Very Low)
P(Rainfall regime = Sub-humid)	-233726.139	-233604.593	P(Rainfall regime = Semi-arid)
Annual mean temperatures = [35.0]	-233703.356	-233594.884	Annual mean temperatures = [10.0]
P(Ability to irrigate = Very High)	-233675.195	-233569.227	P(Ability to irrigate = Very Low)
P(Farm income = Low)	-233694.896	-233601.128	P(Farm income = High)
P(Rainfall adequacy = Medium)	-233660.911	-233651.900	P(Rainfall adequacy = Very High)
P(Pest & disease management inputs = Very Low)	-233657.611	-233652.376	P(Pest & disease management inputs = Very High)
P(Water availability = Very High)	-233655.768	-233651.275	P(Water availability = Very Low)
P(Natural soil fertility = Very Low)	-233656.499	-233652.689	P(Natural soil fertility = Very High)



household size = [1 - 1]	323680.384	342933.461	household size = [20 - 20]
PHL (%) = [10.0 - 12.0]	329881.824	345322.489	PHL (%) = [72.0 - 90.0]
Losses due to pests and diseases (%) = [30.0 - 31.25]	324801.571	339563.463	Losses due to pests and diseases (%) = [0.0 - 1.0]
Fruit production area (%) = [93.0 - 96.5]	329248.863	340805.278	Fruit production area (%) = [30.0 - 33.5]
P(Water needs = Very Low)	329849.525	338167.501	P(Water needs = Very High)
P(Pest & disease management effectiveness = High)	332613.374	338576.148	P(Pest & disease management effectiveness = Low)
P(SFM quality = Very High)	330817.251	336292.255	P(SFM quality = Very Low)
P(Handling, storage and processing quality (PHL) = Medium)	330799.928	335710.364	P(Handling, storage and processing quality (PHL) = Very Good)
Non_fruit yield (kg_ha_yr) = [1000.0 - 1383.0788111402449]	332277.889	336696.909	Non_fruit yield (kg_ha_yr) = [0.0 - 1.0]
P(Household labor availability = Low)	330736.211	334933.752	P(Household labor availability = High)
P(Soil fertility needs = Very High)	331767.144	334947.826	P(Soil fertility needs = Low)
P(Germplasm quality = High)	331870.693	334757.739	P(Germplasm quality = Low)
P(Water sufficiency = Very High)	333569.476	335222.103	P(Water sufficiency = Very Low)
Losses due to biophysical unsuitability (%) = [0.0 - 1.0]	333740.146	335192.389	Losses due to biophysical unsuitability (%) = [72.0 - 90.0]
P(Labor constraints to postharvest and storage = Very High)	333221.155	334578.072	P(Labor constraints to postharvest and storage = Very Low)
P(Temperature suitability = Very Low)	332687.580	334034.172	P(Temperature suitability = High)
P(Soil fertility = Very High)	333200.672	334299.048	P(Soil fertility = Very Low)
P(Biophysical suitability = Highly Suitable)	333768.993	334659.134	P(Biophysical suitability = Very Poor)
P(Effect of soil fertility constraints = Very Low)	333721.181	334600.883	P(Effect of soil fertility constraints = Very High)
P(Labor constraints to irrigation = Very High)	333590.536	334119.325	P(Labor constraints to irrigation = Very Low)
P(Labor constraints to Soil Fertility Management (SFM) = Very High)	333574.350	334073.659	P(Labor constraints to Soil Fertility Management (SFM) = Very Low)
P(Labor constraints to pest and disease management = Very High)	333576.047	334071.538	P(Labor constraints to pest and disease management = Very Low)
P(Ability to hire labor = Medium)	333809.308	334081.768	P(Ability to hire labor = High)
P(Effect of climatic constraints = High)	333811.296	333937.939	P(Effect of climatic constraints = Very Low)
P(Rainfall regime = Sub-humid)	333797.814	333876.850	P(Rainfall regime = Semi-arid)
Annual mean temperatures = [35.0]	333811.333	333884.396	Annual mean temperatures = [10.0]
P(Farm income = Low)	333817.637	333878.319	P(Farm income = High)
P(Ability to irrigate = Very High)	333833.821	333884.374	P(Ability to irrigate = Very Low)
P(Rainfall adequacy = Medium)	333840.189	333845.400	P(Rainfall adequacy = Very High)
P(Pest & disease management inputs = Very Low)	333841.829	333844.764	P(Pest & disease management inputs = Very High)
P(Natural soil fertility = Low)	333842.636	333845.043	P(Natural soil fertility = Very High)
P(Water availability = Very High)	333843.299	333844.368	P(Water availability = Very Low)