

Total CO2 removed /Year - Simulation!P21 (Sim 11)

Report:

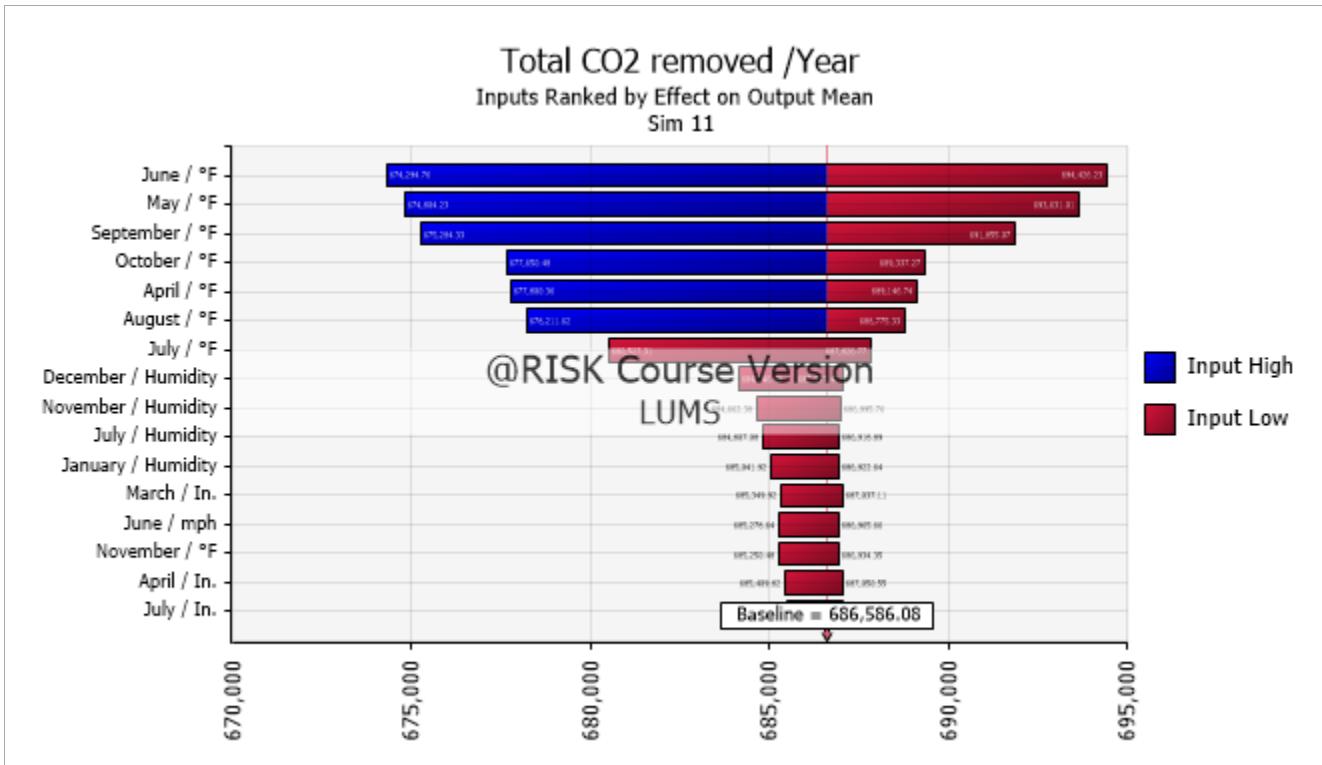
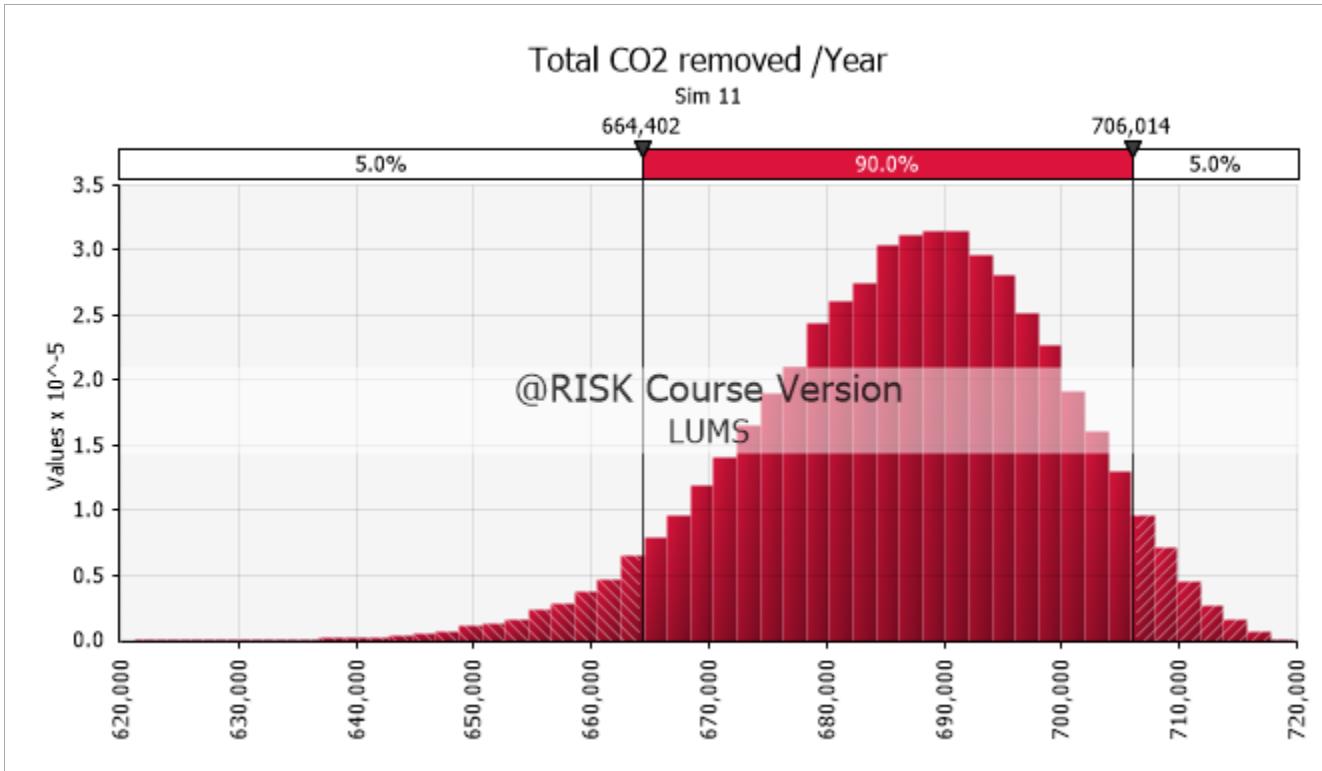
Graph Output Report

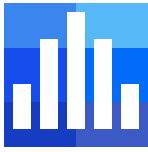
Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023





Deaths reduced - Simulation!W21 (Sim 11)

Report:

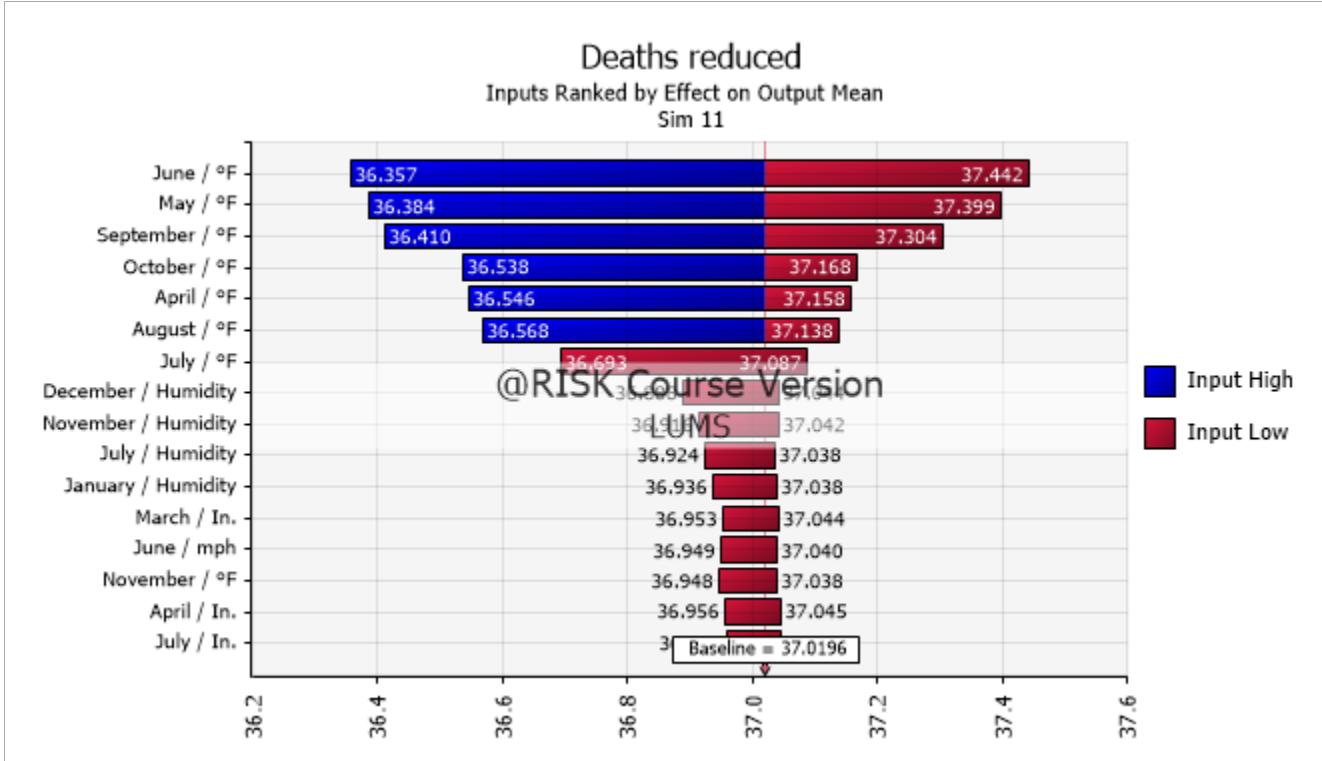
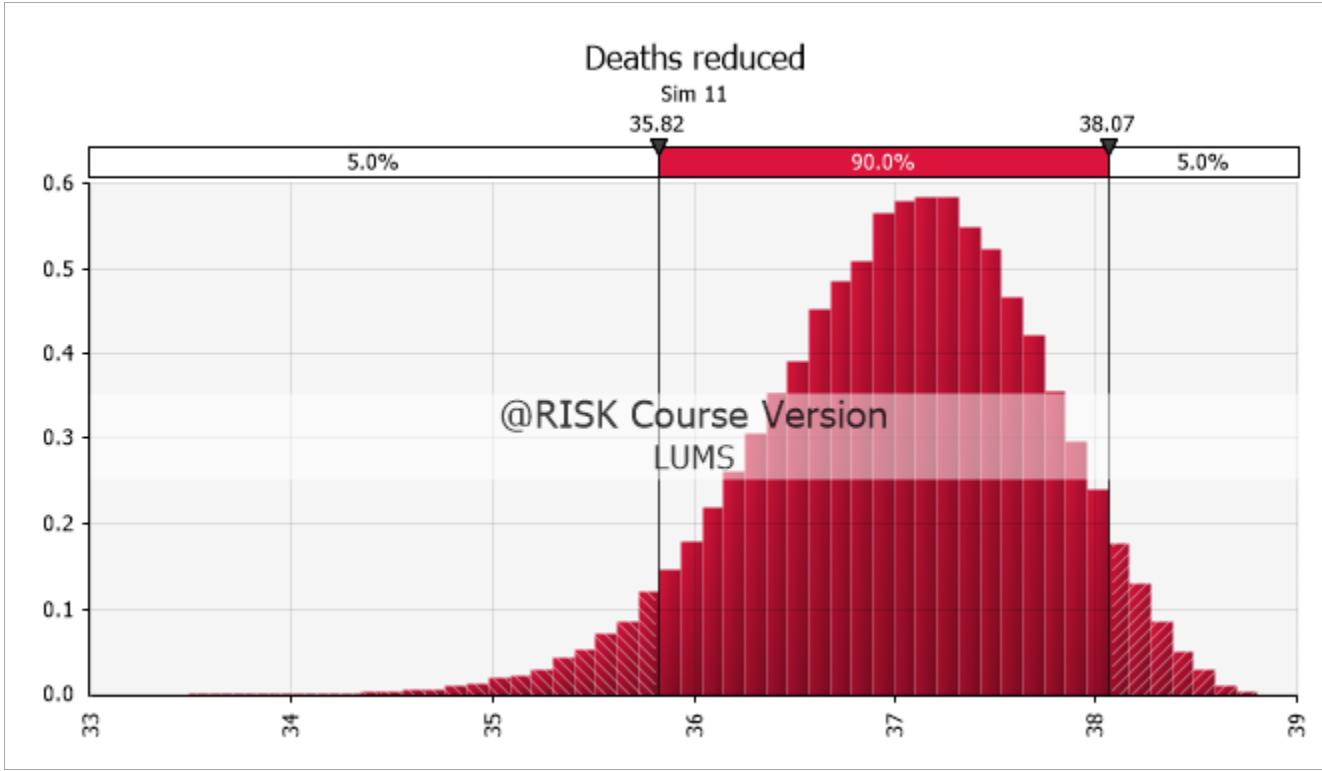
Graph Output Report

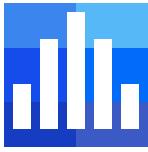
Performed By:

ahmedehtisham

Date:

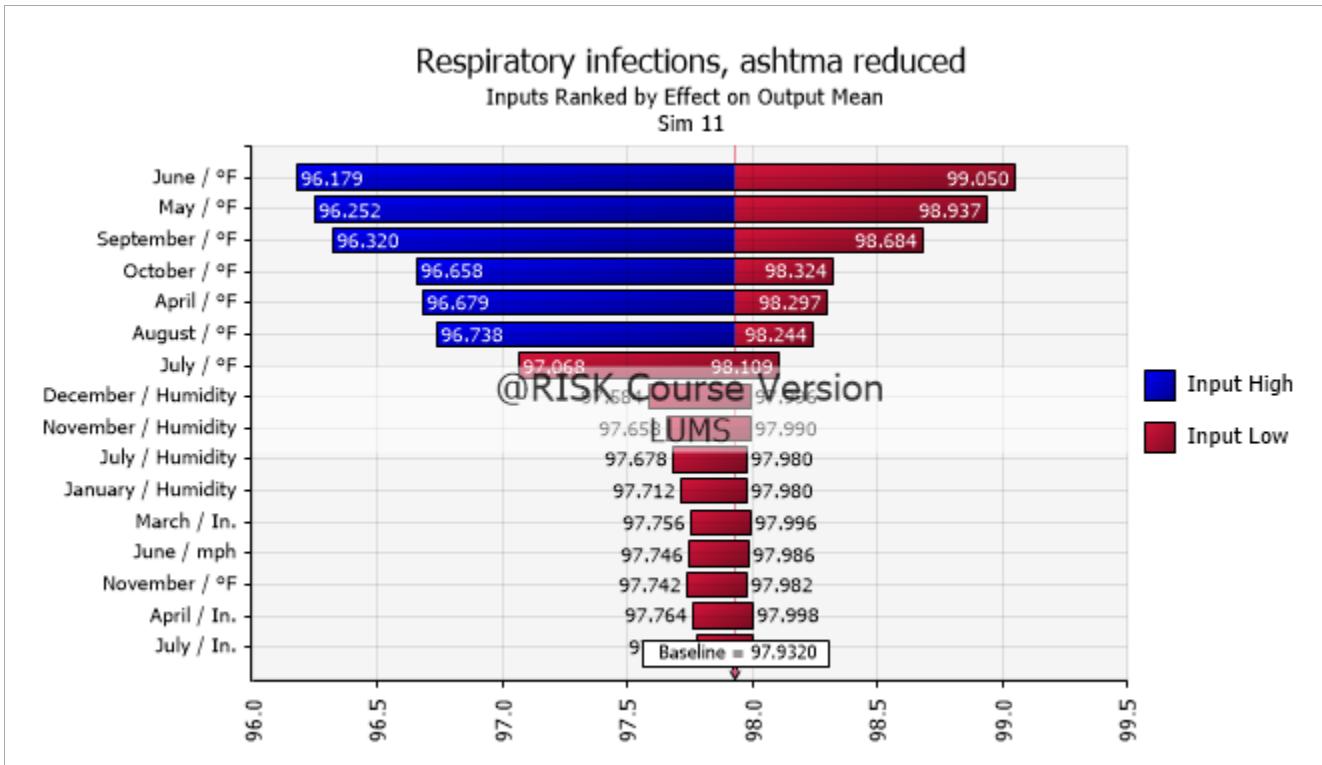
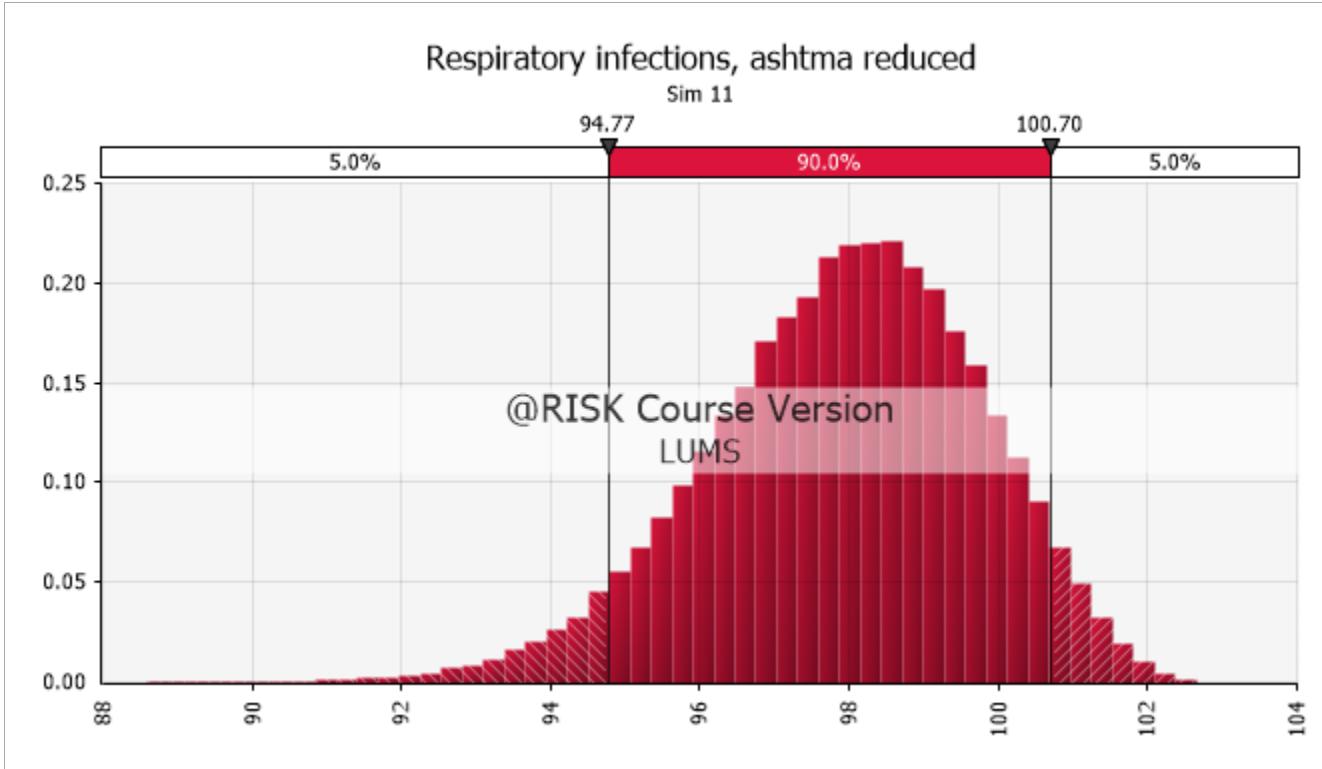
Friday, April 28, 2023

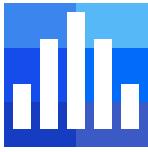




Respiratory infections, asthma reduced - Simulation!X21 (Sim 11)

Report: Graph Output Report
Performed By: ahmedehtisham
Date: Friday, April 28, 2023





Trachea, bronchus, lung cancers reduced - Simulation!Y21 (Sim 11)

Report:

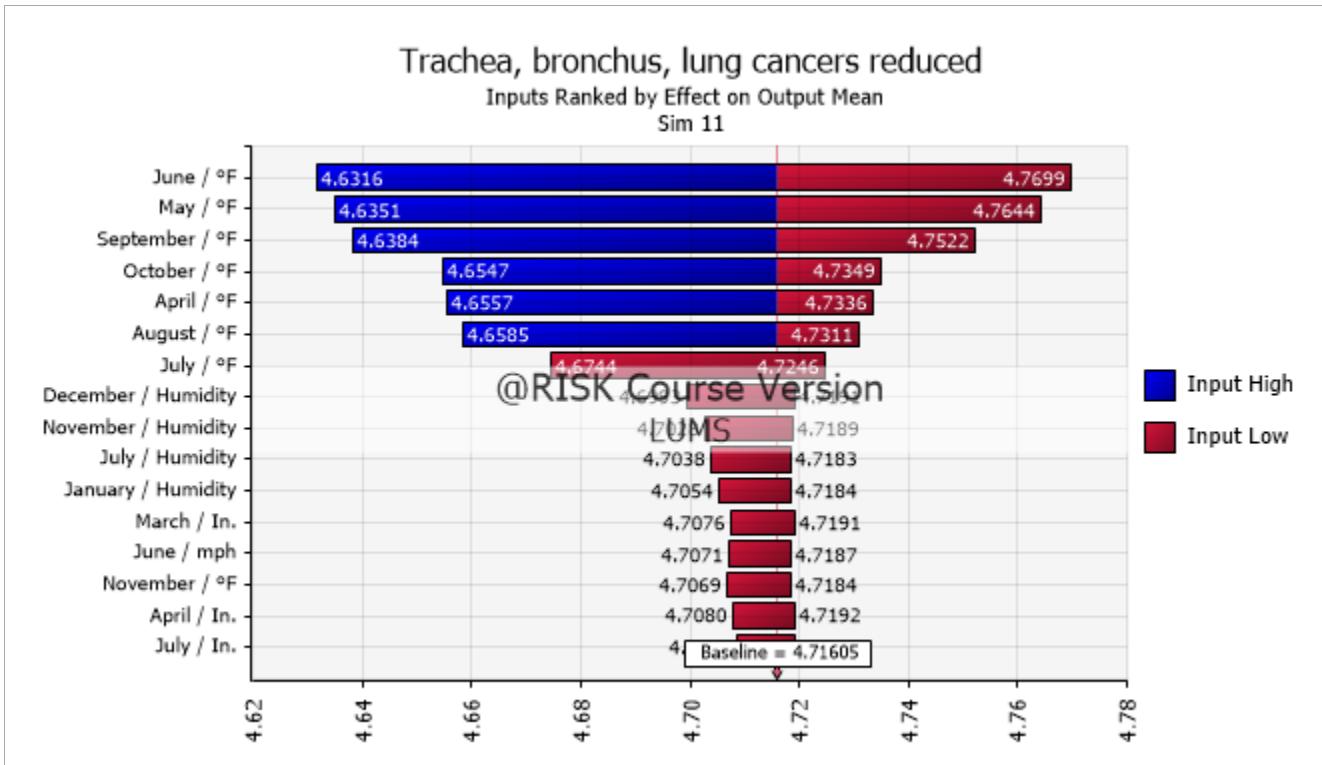
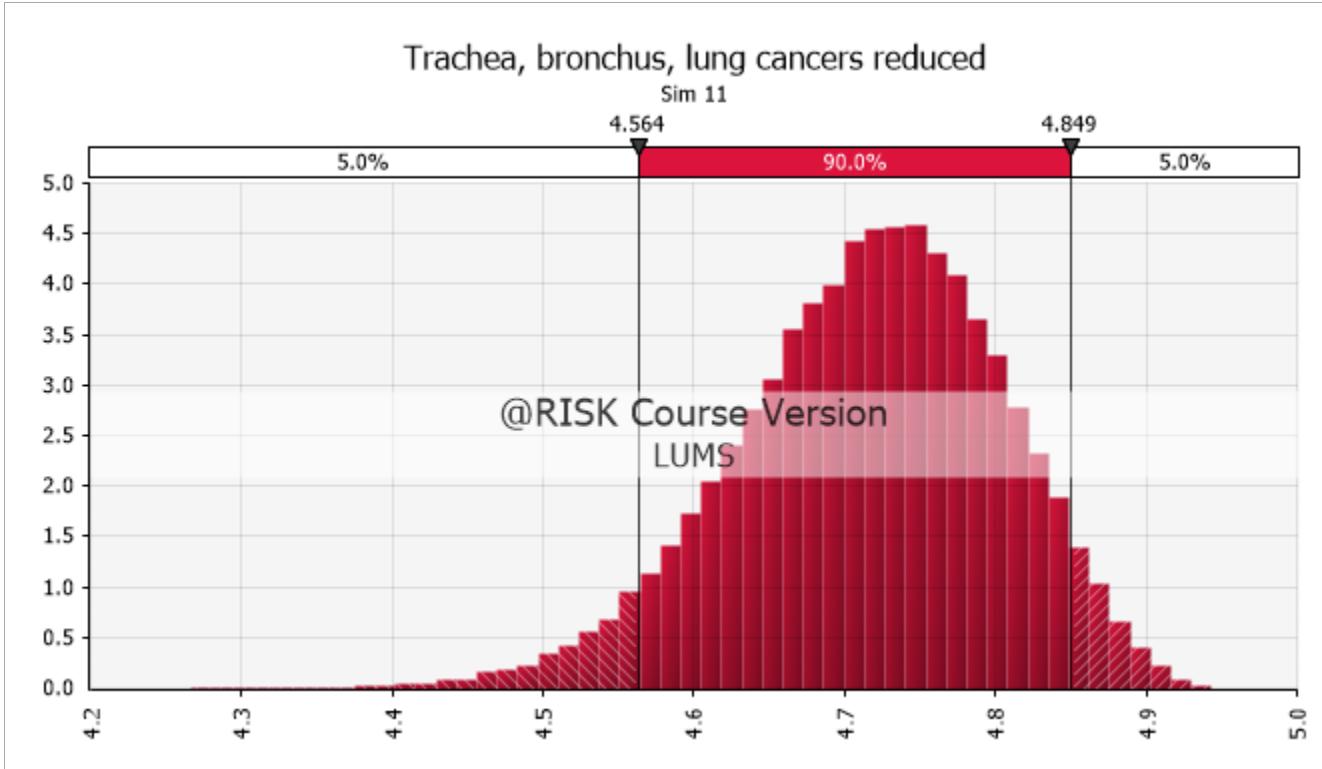
Graph Output Report

Performed By:

ahmedehtisham

Date:

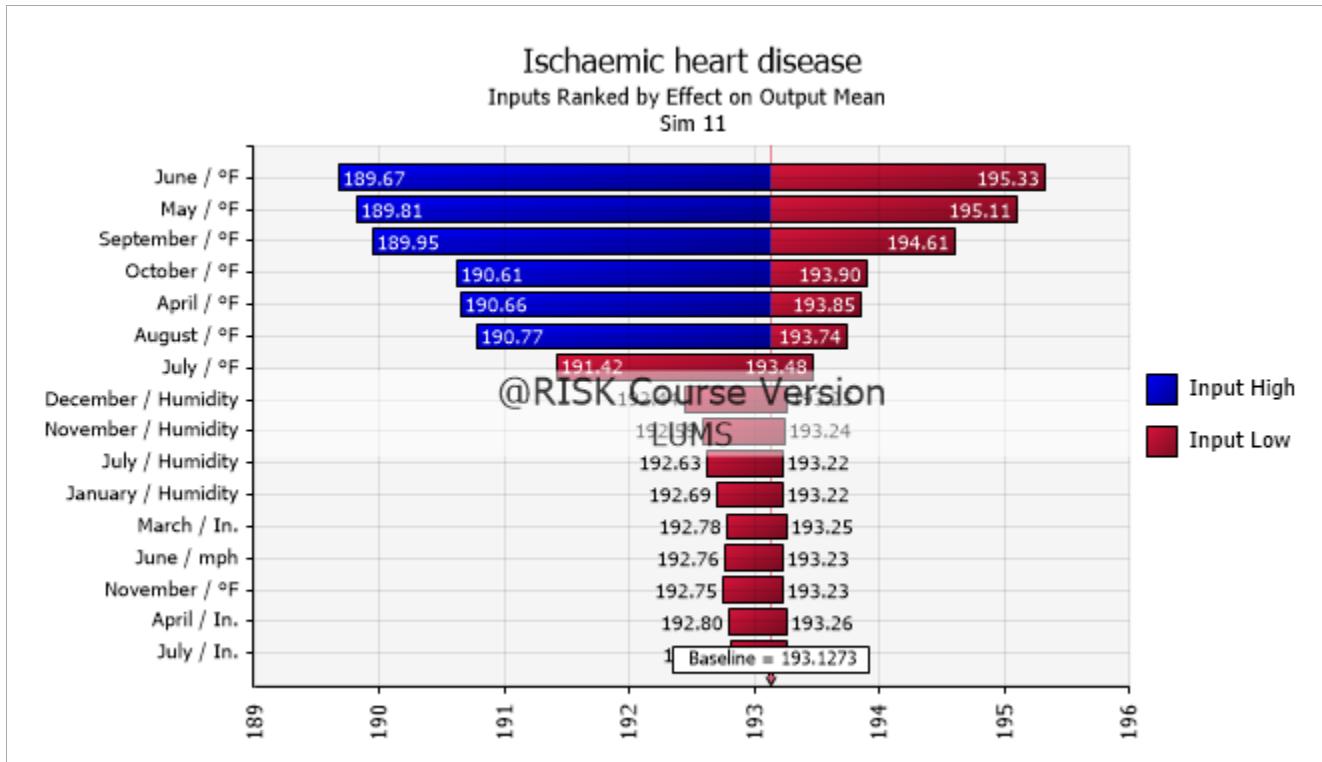
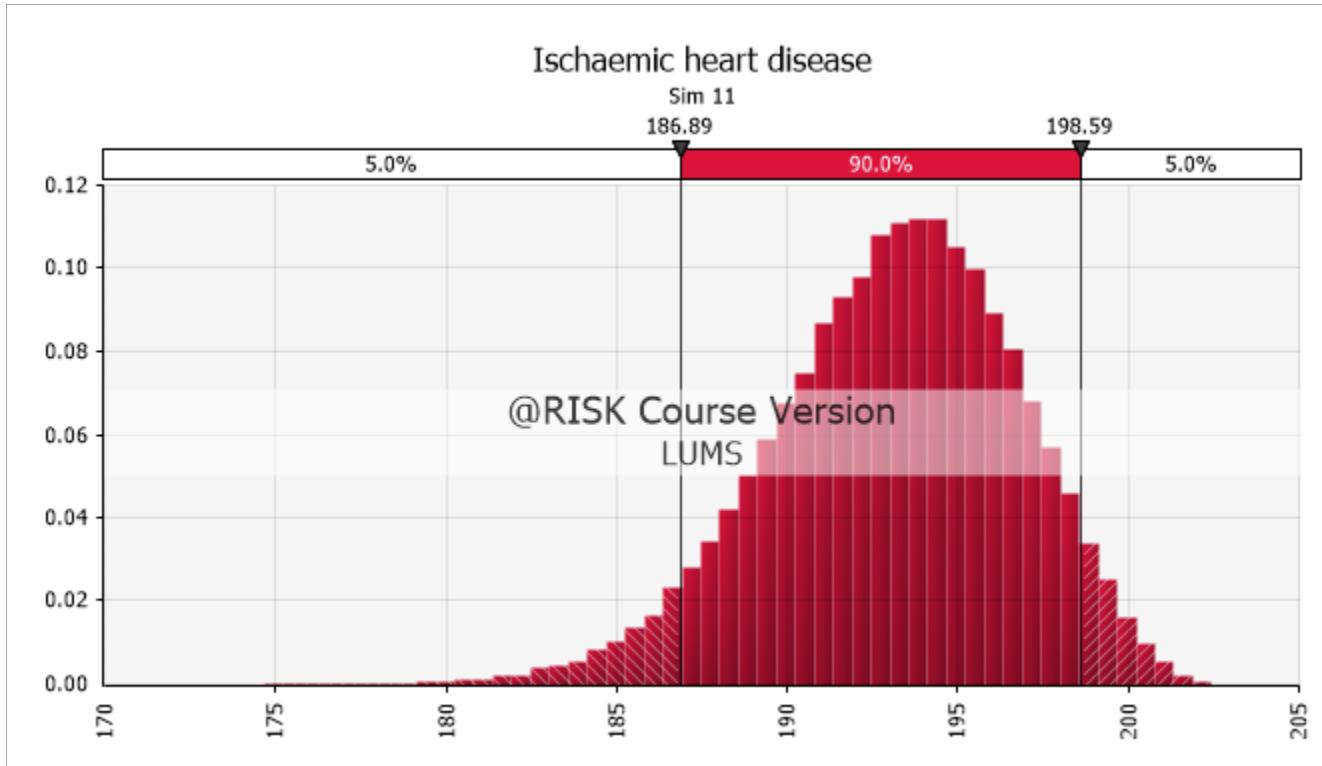
Friday, April 28, 2023





Ischaemic heart disease - Simulation!Z21 (Sim 11)

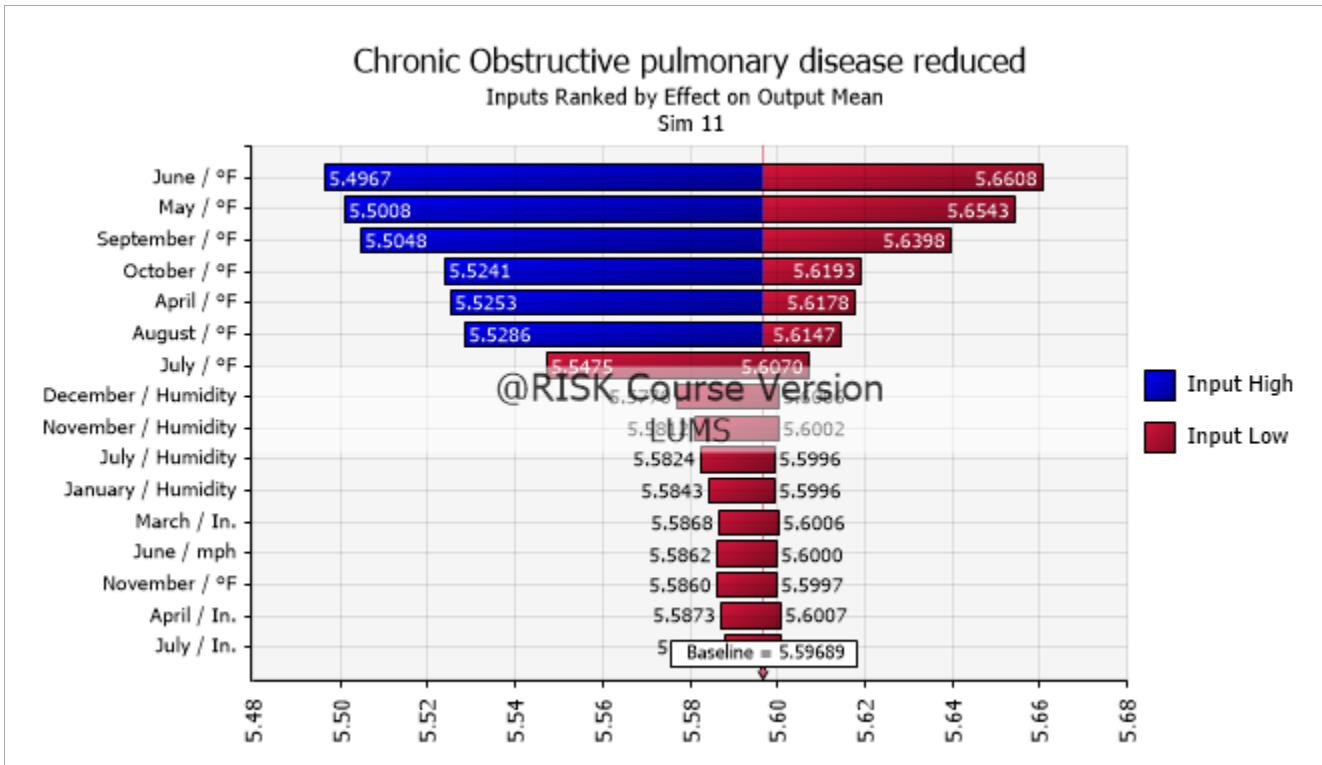
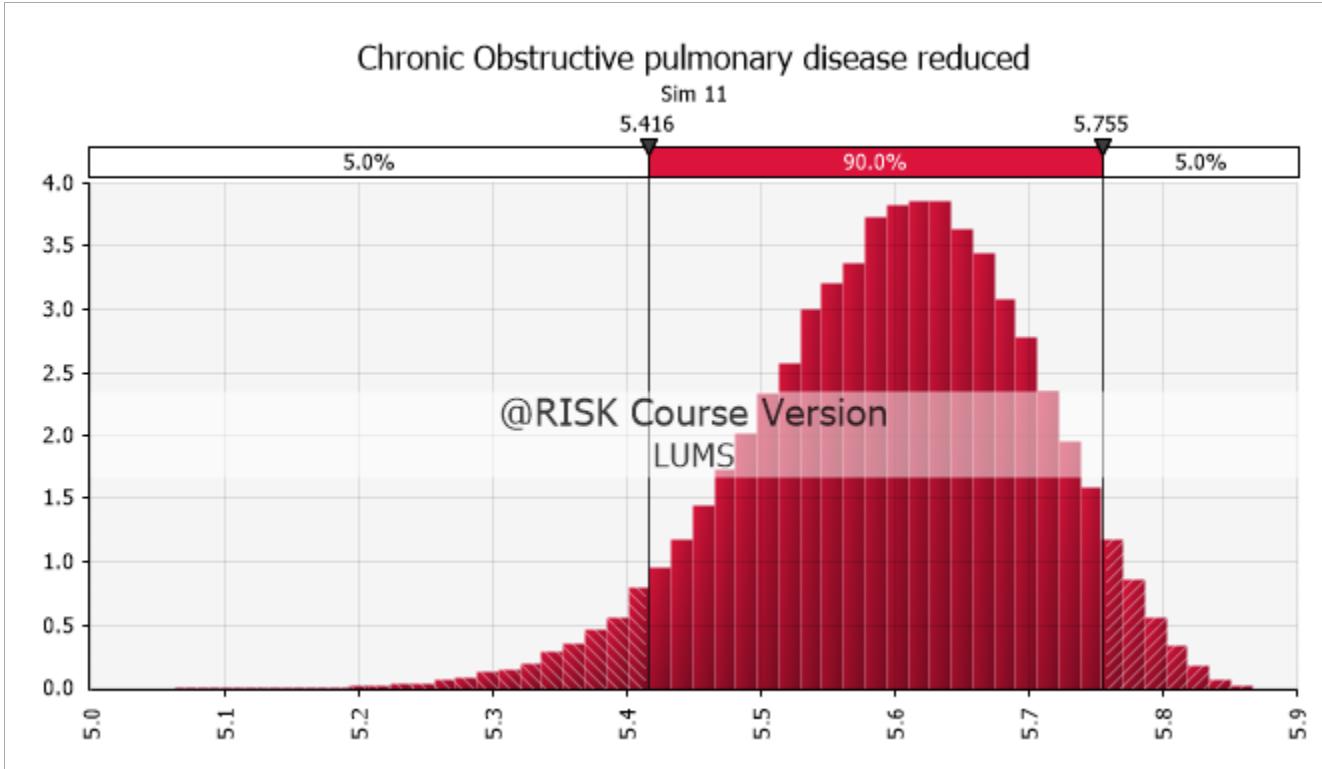
Report: Graph Output Report
Performed By: ahmedehtisham
Date: Friday, April 28, 2023





Chronic Obstructive pulmonary disease reduced - Simulation!AA21 (Sim)

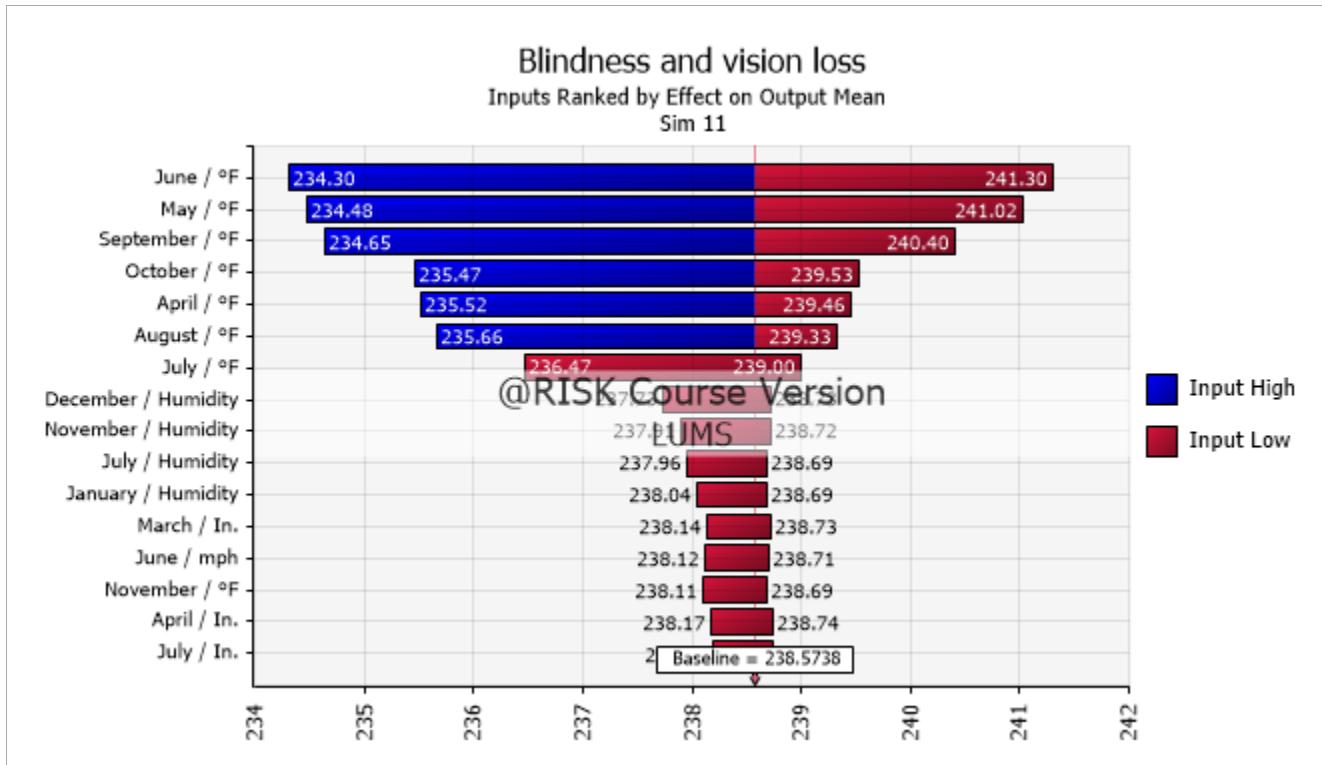
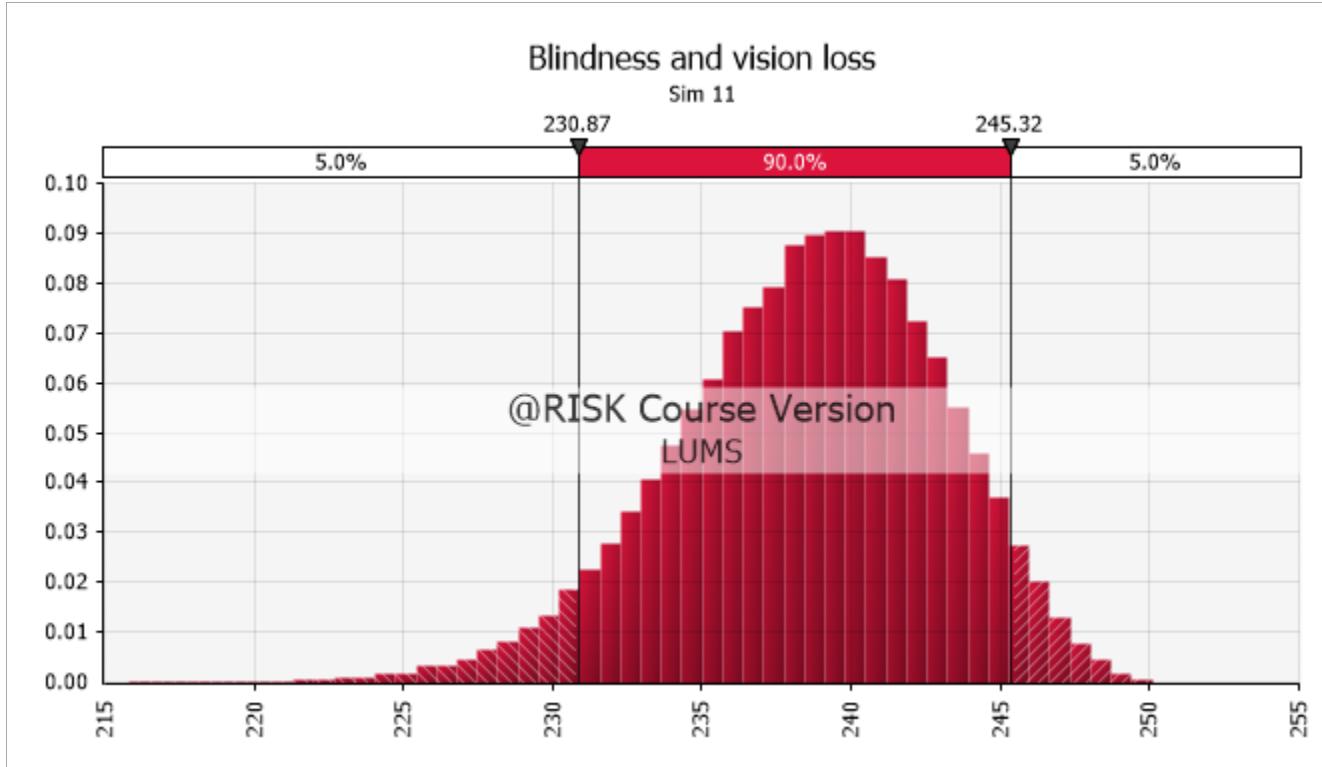
Report: Graph Output Report
Performed By: ahmedehtisham
Date: Friday, April 28, 2023





Blindness and vision loss - Simulation!AB21 (Sim 11)

Report: Graph Output Report
Performed By: ahmedehtisham
Date: Friday, April 28, 2023





2022 / US AQI Index - Simulation!S21

Report:

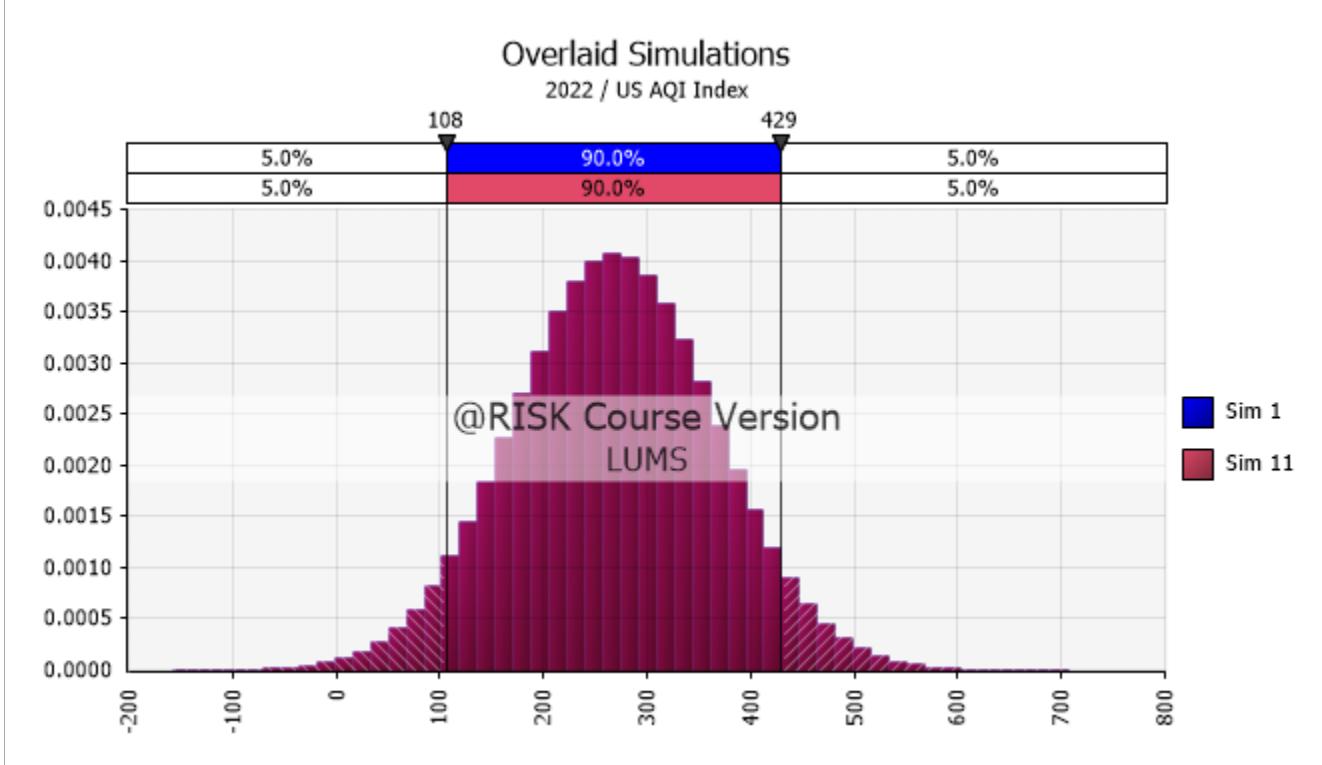
Overlaid Simulations Report (Inputs)

Performed By:

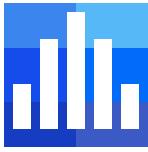
ahmedehtisham

Date:

Friday, April 28, 2023



| Summary Statistics for 2022 / US AQI Index | | |
|--|---------|---------|
| Statistic | Sim 1 | Sim 11 |
| Minimum | -156.93 | -156.93 |
| Maximum | 706.48 | 706.48 |
| Mean | 268.55 | 268.55 |
| Std. Deviation | 97.84 | 97.84 |
| Variance | 9,573 | 9,573 |
| Skewness | 0.0002 | 0.0002 |
| Kurtosis | 2.9995 | 2.9995 |
| Median | 268.55 | 268.55 |
| Mode | 269.77 | 269.77 |
| 1% | 40.92 | 40.92 |
| 2.5% | 76.77 | 76.77 |
| 5% | 107.60 | 107.60 |
| 10% | 143.16 | 143.16 |
| 20% | 186.20 | 186.20 |
| 25% | 202.55 | 202.55 |
| 50% | 268.55 | 268.55 |
| 75% | 334.54 | 334.54 |
| 80% | 350.89 | 350.89 |
| 90% | 393.93 | 393.93 |
| 95% | 429.48 | 429.48 |
| 97.5% | 460.31 | 460.31 |
| 99% | 496.13 | 496.13 |



January / In. - Simulation!D22

Report:

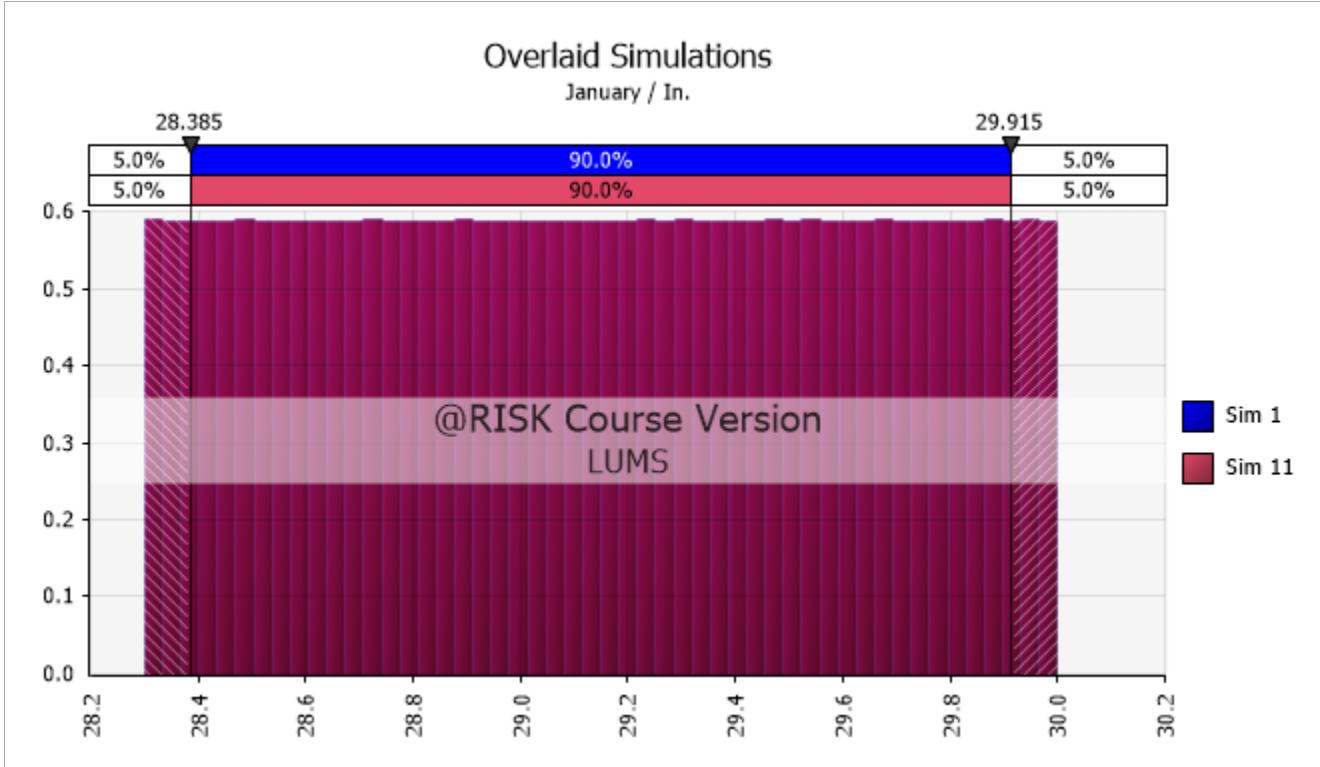
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



Summary Statistics for January / In.

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 28.3000 | 28.3000 |
| Maximum | 30.0000 | 30.0000 |
| Mean | 29.1500 | 29.1500 |
| Std. Deviation | 0.4908 | 0.4908 |
| Variance | 0.2408 | 0.2408 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 1.8000 | 1.8000 |
| Median | 29.1500 | 29.1500 |
| Mode | 29.5495 | 29.5495 |
| 1% | 28.3170 | 28.3170 |
| 2.5% | 28.3425 | 28.3425 |
| 5% | 28.3850 | 28.3850 |
| 10% | 28.4700 | 28.4700 |
| 20% | 28.6400 | 28.6400 |
| 25% | 28.7250 | 28.7250 |
| 50% | 29.1500 | 29.1500 |
| 75% | 29.5750 | 29.5750 |
| 80% | 29.6600 | 29.6600 |
| 90% | 29.8300 | 29.8300 |
| 95% | 29.9150 | 29.9150 |
| 97.5% | 29.9575 | 29.9575 |
| 99% | 29.9830 | 29.9830 |



January / mph - Simulation!E22

Report:

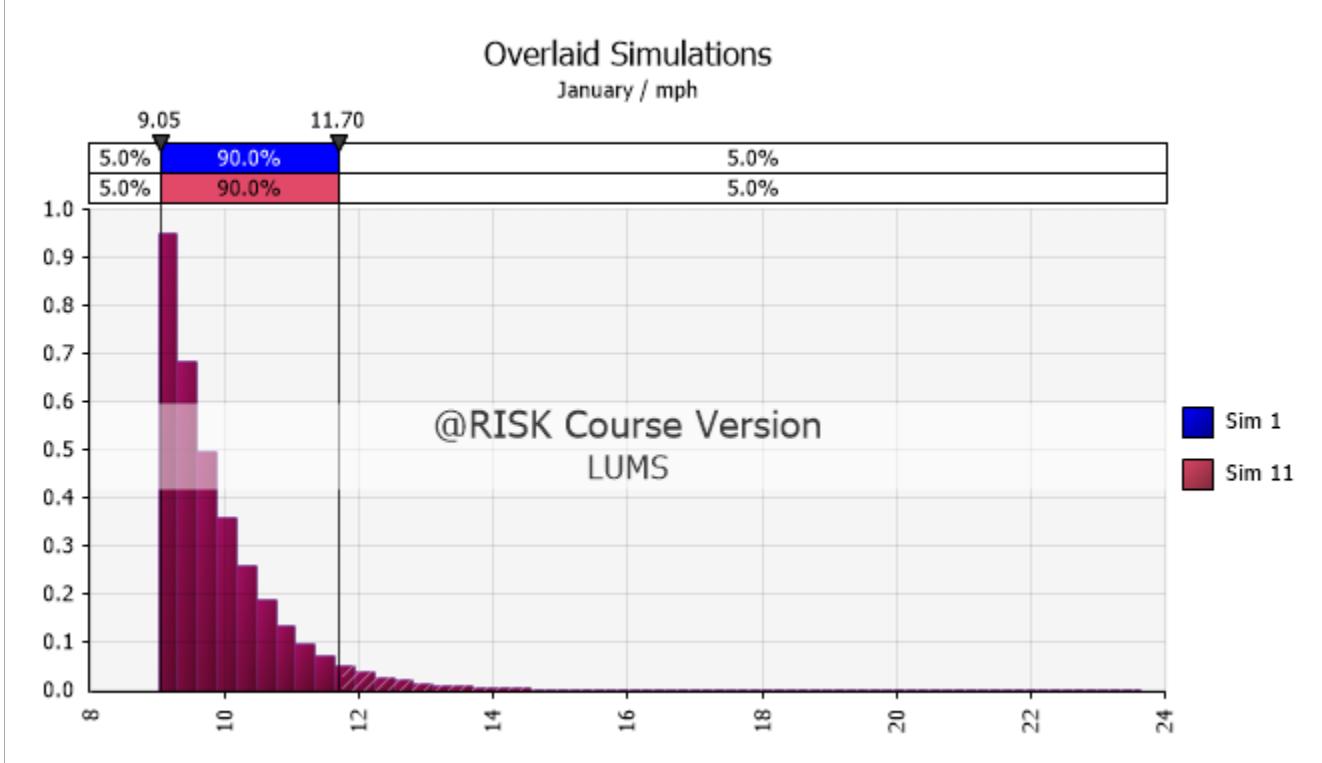
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



Summary Statistics for January / mph

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 9.0000 | 9.0000 |
| Maximum | 23.6450 | 23.6450 |
| Mean | 9.9000 | 9.9000 |
| Std. Deviation | 0.9004 | 0.9004 |
| Variance | 0.8108 | 0.8108 |
| Skewness | 2.0164 | 2.0164 |
| Kurtosis | 9.3333 | 9.3333 |
| Median | 9.6238 | 9.6238 |
| Mode | 9.0045 | 9.0045 |
| 1% | 9.0090 | 9.0090 |
| 2.5% | 9.0228 | 9.0228 |
| 5% | 9.0462 | 9.0462 |
| 10% | 9.0948 | 9.0948 |
| 20% | 9.2008 | 9.2008 |
| 25% | 9.2589 | 9.2589 |
| 50% | 9.6238 | 9.6238 |
| 75% | 10.2477 | 10.2477 |
| 80% | 10.4485 | 10.4485 |
| 90% | 11.0722 | 11.0722 |
| 95% | 11.6961 | 11.6961 |
| 97.5% | 12.3199 | 12.3199 |
| 99% | 13.1443 | 13.1443 |



January / °F - Simulation!F22

Report:

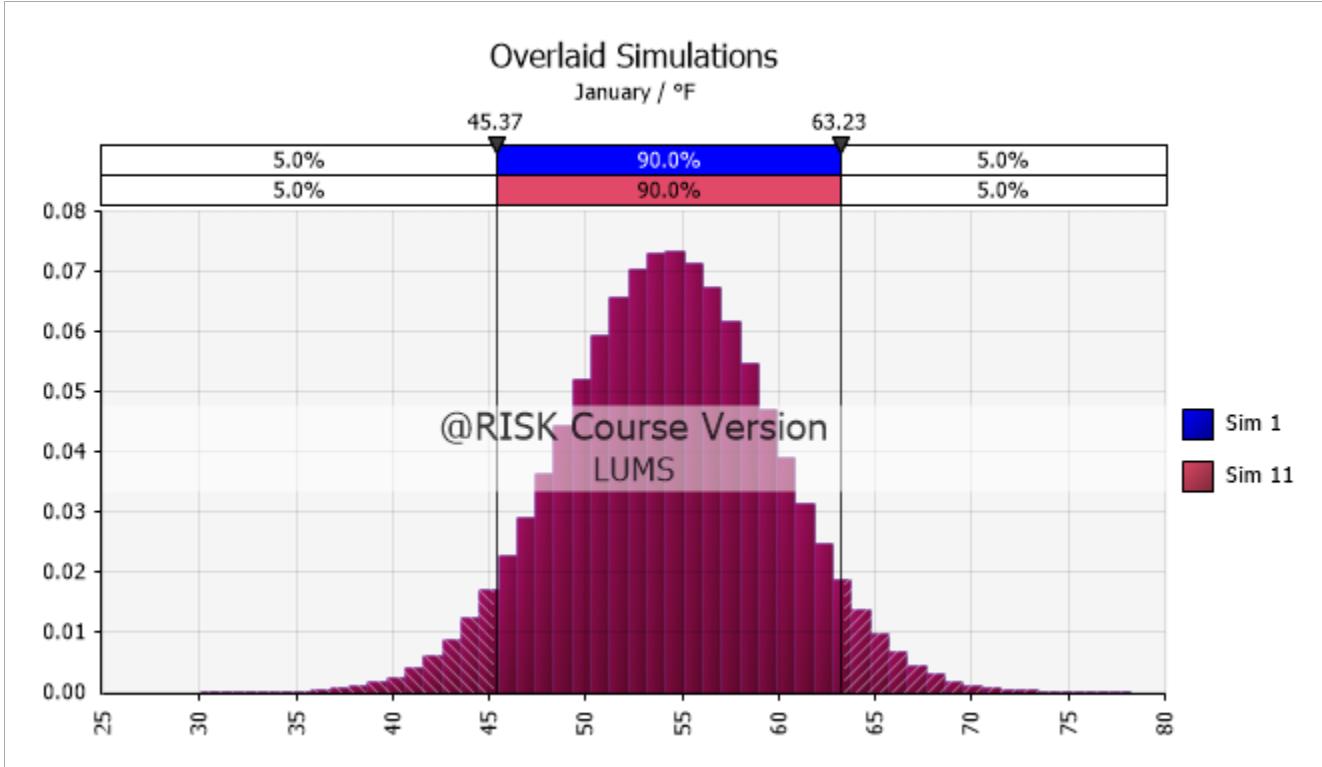
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



| Statistic | Sim 1 | Sim 11 |
|----------------|--------|--------|
| Minimum | 30.032 | 30.032 |
| Maximum | 78.247 | 78.247 |
| Mean | 54.300 | 54.300 |
| Std. Deviation | 5.430 | 5.430 |
| Variance | 29.49 | 29.49 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 2.9998 | 2.9998 |
| Median | 54.300 | 54.300 |
| Mode | 54.232 | 54.232 |
| 1% | 41.667 | 41.667 |
| 2.5% | 43.657 | 43.657 |
| 5% | 45.368 | 45.368 |
| 10% | 47.341 | 47.341 |
| 20% | 49.730 | 49.730 |
| 25% | 50.638 | 50.638 |
| 50% | 54.300 | 54.300 |
| 75% | 57.962 | 57.962 |
| 80% | 58.870 | 58.870 |
| 90% | 61.259 | 61.259 |
| 95% | 63.231 | 63.231 |
| 97.5% | 64.942 | 64.942 |
| 99% | 66.931 | 66.931 |



January / Humidity - Simulation!G22

Report:

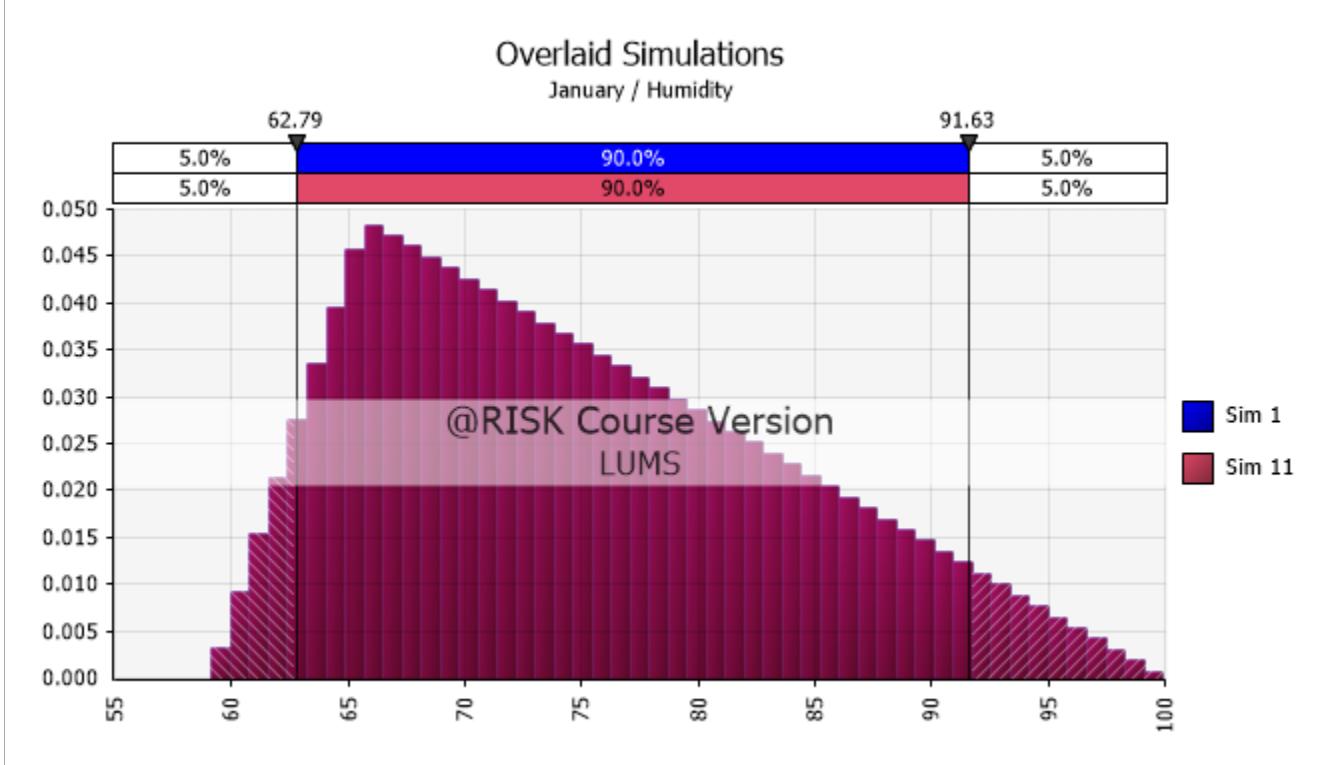
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



Summary Statistics for January / Humidity

| Statistic | Sim 1 | Sim 11 |
|----------------|--------|--------|
| Minimum | 59.153 | 59.153 |
| Maximum | 99.918 | 99.918 |
| Mean | 74.943 | 74.943 |
| Std. Deviation | 8.960 | 8.960 |
| Variance | 80.28 | 80.28 |
| Skewness | 0.5092 | 0.5092 |
| Kurtosis | 2.4000 | 2.4000 |
| Median | 73.525 | 73.525 |
| Mode | 65.787 | 65.787 |
| 1% | 60.768 | 60.768 |
| 2.5% | 61.721 | 61.721 |
| 5% | 62.794 | 62.794 |
| 10% | 64.312 | 64.312 |
| 20% | 66.512 | 66.512 |
| 25% | 67.575 | 67.575 |
| 50% | 73.525 | 73.525 |
| 75% | 81.279 | 81.279 |
| 80% | 83.256 | 83.256 |
| 90% | 88.160 | 88.160 |
| 95% | 91.627 | 91.627 |
| 97.5% | 94.079 | 94.079 |
| 99% | 96.256 | 96.256 |



January / US AQI Index - Simulation!S22

Report:

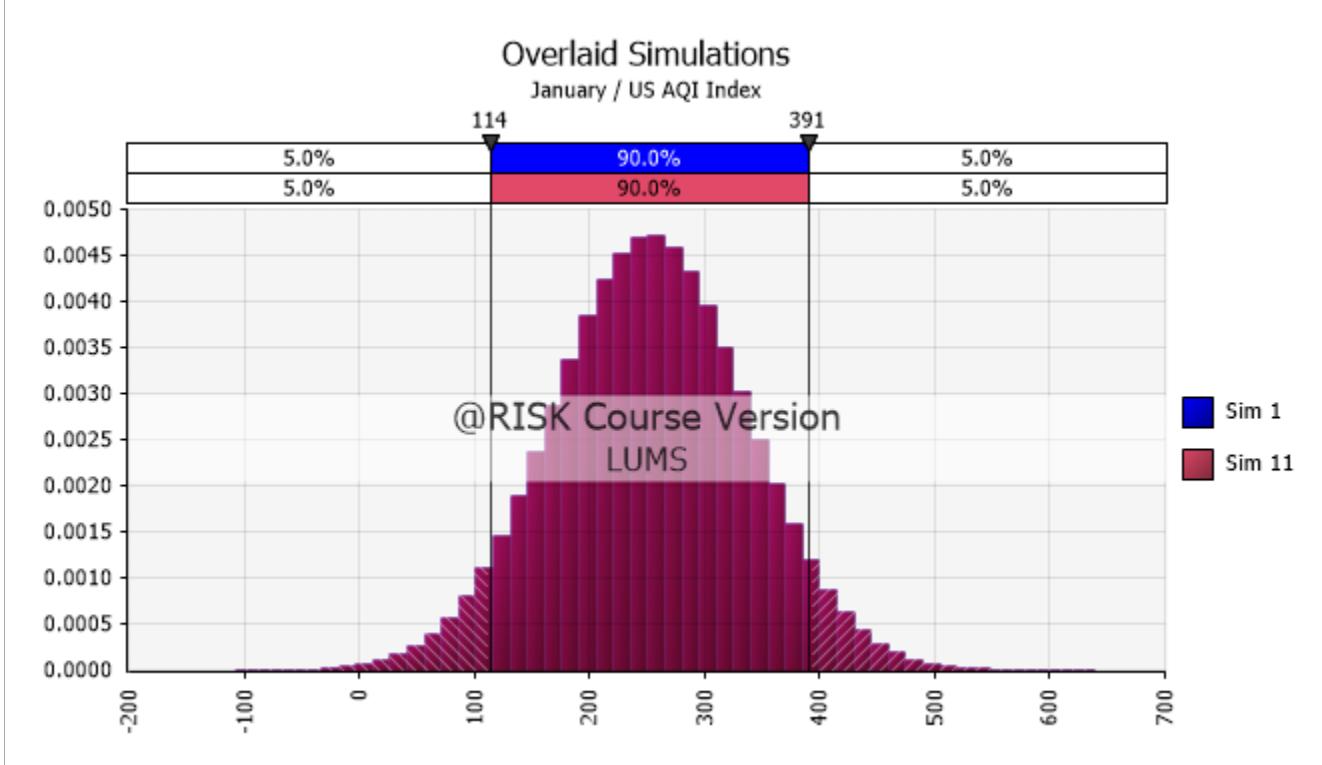
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



Summary Statistics for January / US AQI Index

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | -107.85 | -107.85 |
| Maximum | 639.15 | 639.15 |
| Mean | 252.82 | 252.82 |
| Std. Deviation | 84.27 | 84.27 |
| Variance | 7,102 | 7,102 |
| Skewness | 0.0001 | 0.0001 |
| Kurtosis | 3.0001 | 3.0001 |
| Median | 252.82 | 252.82 |
| Mode | 251.76 | 251.76 |
| 1% | 56.77 | 56.77 |
| 2.5% | 87.64 | 87.64 |
| 5% | 114.20 | 114.20 |
| 10% | 144.82 | 144.82 |
| 20% | 181.89 | 181.89 |
| 25% | 195.98 | 195.98 |
| 50% | 252.82 | 252.82 |
| 75% | 309.66 | 309.66 |
| 80% | 323.74 | 323.74 |
| 90% | 360.82 | 360.82 |
| 95% | 391.43 | 391.43 |
| 97.5% | 417.99 | 417.99 |
| 99% | 448.85 | 448.85 |



February / In. - Simulation!D23

Report:

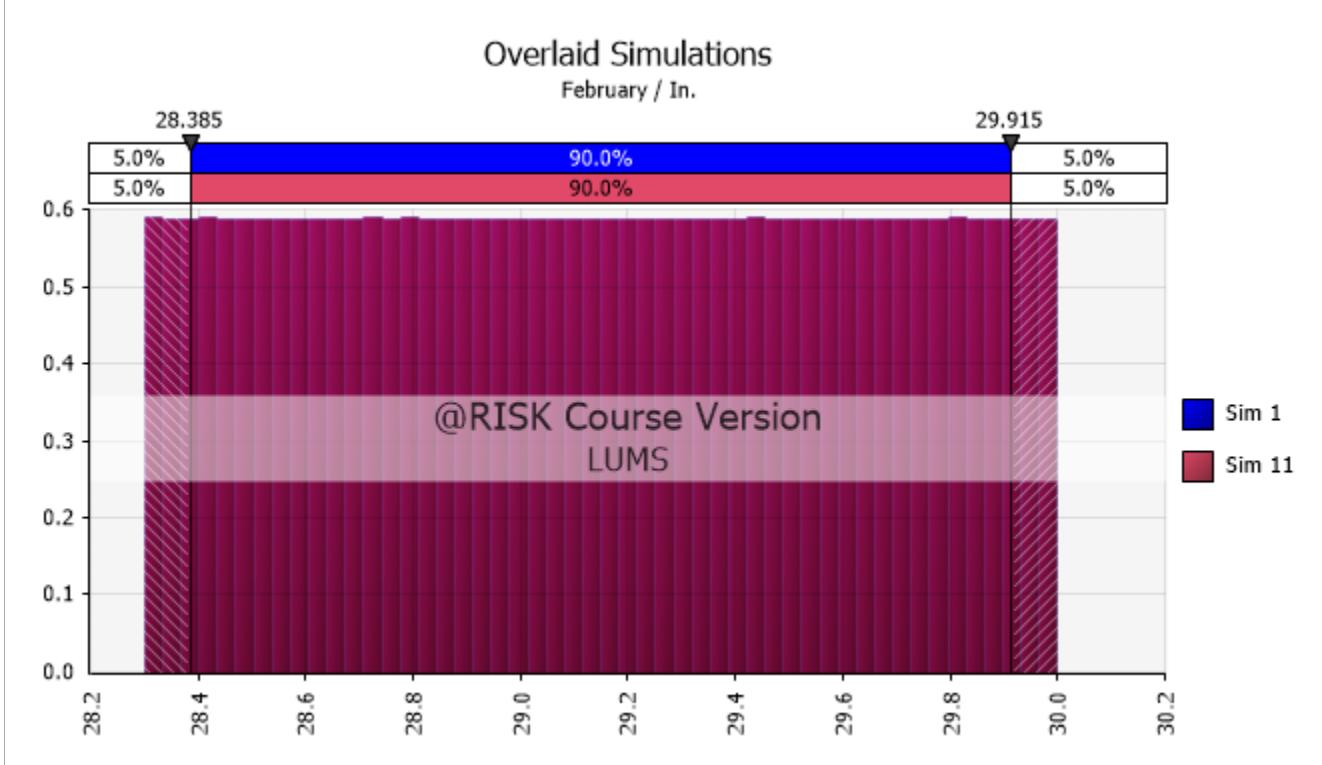
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



Summary Statistics for February / In.

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 28.3000 | 28.3000 |
| Maximum | 30.0000 | 30.0000 |
| Mean | 29.1500 | 29.1500 |
| Std. Deviation | 0.4908 | 0.4908 |
| Variance | 0.2408 | 0.2408 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 1.8000 | 1.8000 |
| Median | 29.1500 | 29.1500 |
| Mode | 29.8895 | 29.8895 |
| 1% | 28.3170 | 28.3170 |
| 2.5% | 28.3425 | 28.3425 |
| 5% | 28.3850 | 28.3850 |
| 10% | 28.4700 | 28.4700 |
| 20% | 28.6400 | 28.6400 |
| 25% | 28.7250 | 28.7250 |
| 50% | 29.1500 | 29.1500 |
| 75% | 29.5750 | 29.5750 |
| 80% | 29.6600 | 29.6600 |
| 90% | 29.8300 | 29.8300 |
| 95% | 29.9150 | 29.9150 |
| 97.5% | 29.9575 | 29.9575 |
| 99% | 29.9830 | 29.9830 |



February / mph - Simulation!E23

Report:

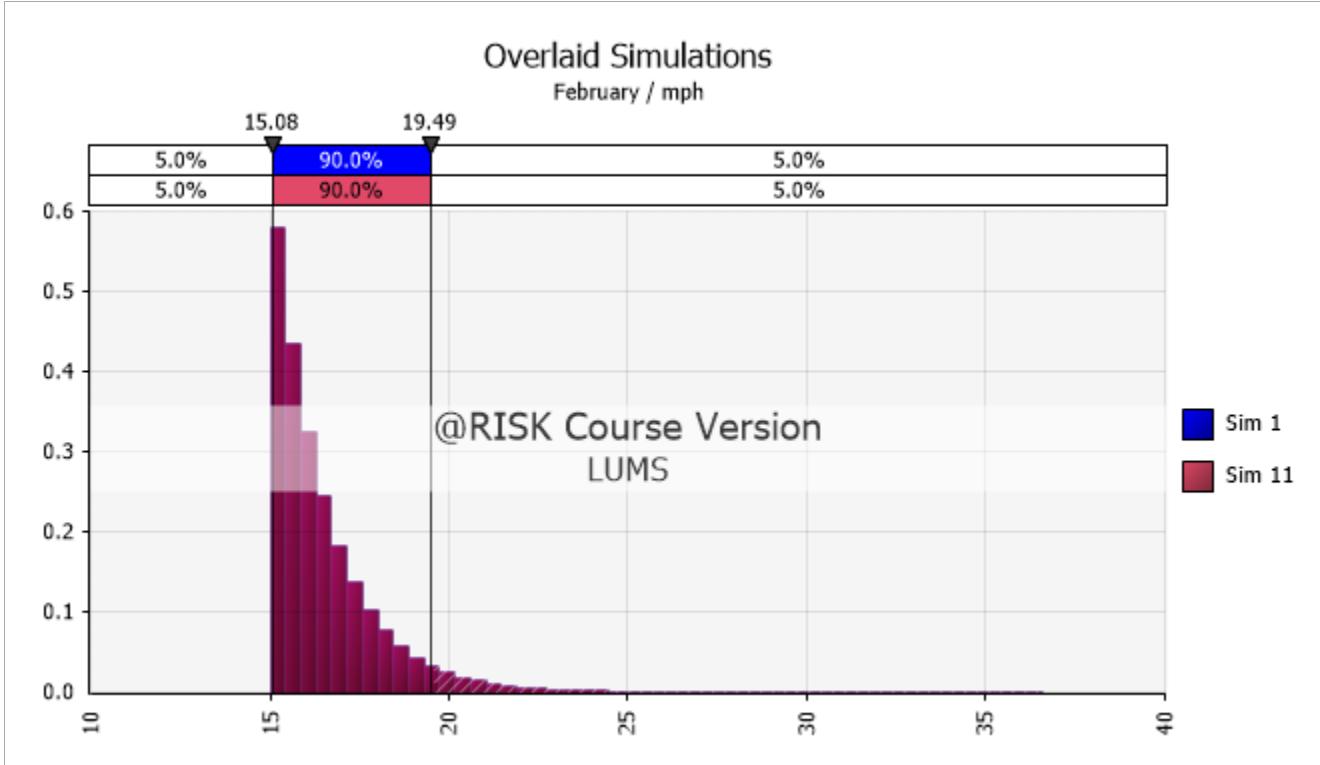
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



Summary Statistics for February / mph

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 15.0000 | 15.0000 |
| Maximum | 36.5686 | 36.5686 |
| Mean | 16.5000 | 16.5000 |
| Std. Deviation | 1.5004 | 1.5004 |
| Variance | 2.251 | 2.251 |
| Skewness | 2.0074 | 2.0074 |
| Kurtosis | 9.1346 | 9.1346 |
| Median | 16.0397 | 16.0397 |
| Mode | 15.0075 | 15.0075 |
| 1% | 15.0151 | 15.0151 |
| 2.5% | 15.0380 | 15.0380 |
| 5% | 15.0769 | 15.0769 |
| 10% | 15.1580 | 15.1580 |
| 20% | 15.3347 | 15.3347 |
| 25% | 15.4315 | 15.4315 |
| 50% | 16.0397 | 16.0397 |
| 75% | 17.0794 | 17.0794 |
| 80% | 17.4141 | 17.4141 |
| 90% | 18.4538 | 18.4538 |
| 95% | 19.4936 | 19.4936 |
| 97.5% | 20.5333 | 20.5333 |
| 99% | 21.9063 | 21.9063 |



February / °F - Simulation!F23

Report:

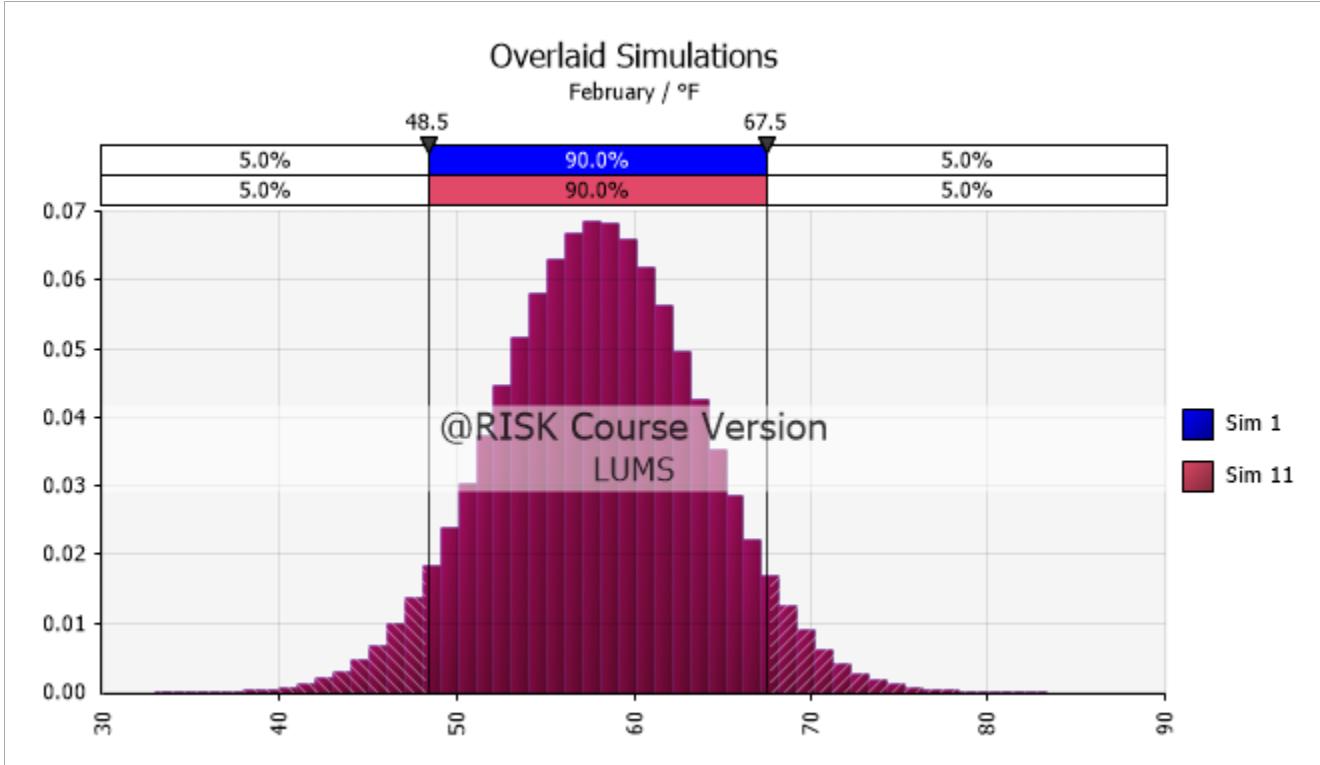
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023

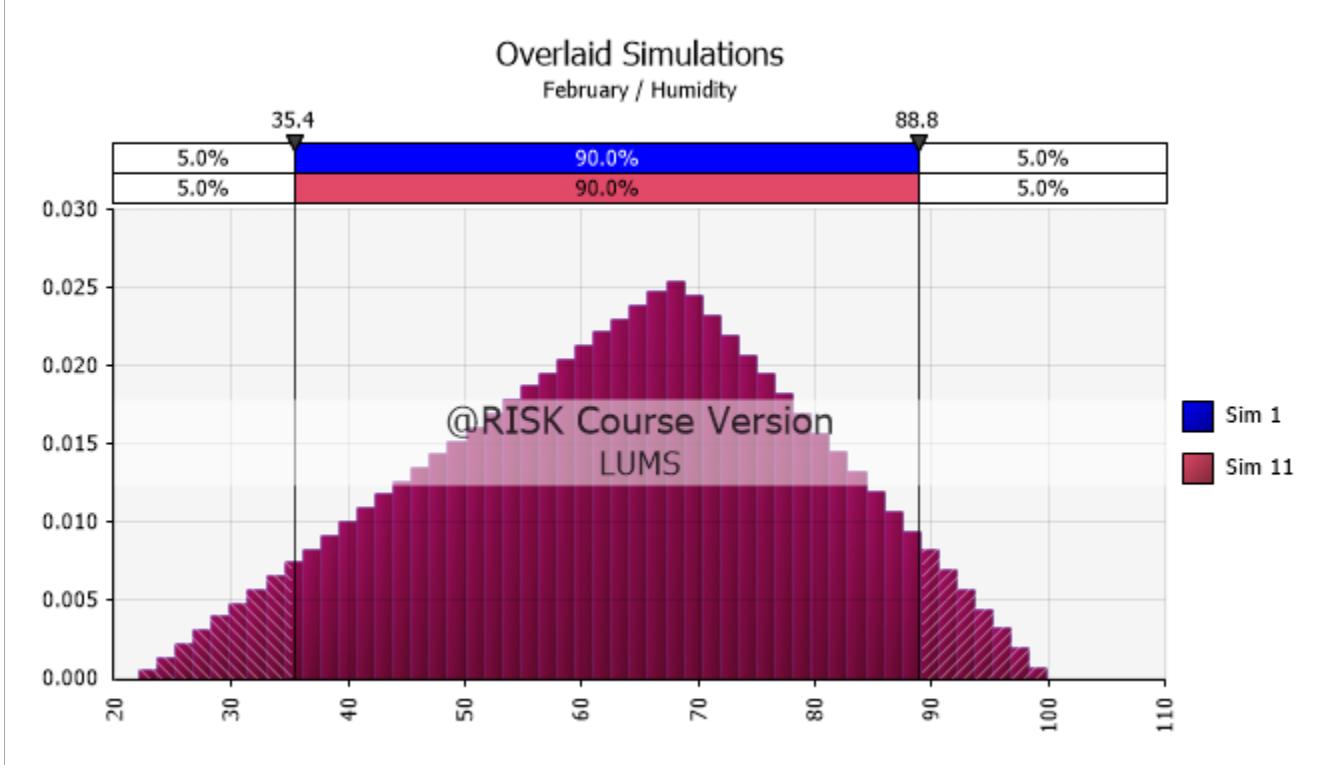


| Summary Statistics for February / °F | | |
|--------------------------------------|--------|--------|
| Statistic | Sim 1 | Sim 11 |
| Minimum | 32.913 | 32.913 |
| Maximum | 83.363 | 83.363 |
| Mean | 58.000 | 58.000 |
| Std. Deviation | 5.800 | 5.800 |
| Variance | 33.64 | 33.64 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 2.9991 | 2.9991 |
| Median | 58.000 | 58.000 |
| Mode | 57.927 | 57.927 |
| 1% | 44.506 | 44.506 |
| 2.5% | 46.631 | 46.631 |
| 5% | 48.459 | 48.459 |
| 10% | 50.567 | 50.567 |
| 20% | 53.119 | 53.119 |
| 25% | 54.088 | 54.088 |
| 50% | 58.000 | 58.000 |
| 75% | 61.912 | 61.912 |
| 80% | 62.881 | 62.881 |
| 90% | 65.433 | 65.433 |
| 95% | 67.540 | 67.540 |
| 97.5% | 69.368 | 69.368 |
| 99% | 71.492 | 71.492 |



February / Humidity - Simulation!G23

Report: Overlaid Simulations Report (Inputs)
Performed By: ahmedehtisham
Date: Friday, April 28, 2023



| Summary Statistics for February / Humidity | | |
|--|---------|---------|
| Statistic | Sim 1 | Sim 11 |
| Minimum | 22.051 | 22.051 |
| Maximum | 99.960 | 99.960 |
| Mean | 63.367 | 63.367 |
| Std. Deviation | 16.009 | 16.009 |
| Variance | 256.3 | 256.3 |
| Skewness | -0.1748 | -0.1748 |
| Kurtosis | 2.4000 | 2.4000 |
| Median | 64.401 | 64.401 |
| Mode | 68.256 | 68.256 |
| 1% | 27.994 | 27.994 |
| 2.5% | 31.480 | 31.480 |
| 5% | 35.408 | 35.408 |
| 10% | 40.962 | 40.962 |
| 20% | 48.817 | 48.817 |
| 25% | 51.982 | 51.982 |
| 50% | 64.401 | 64.401 |
| 75% | 75.059 | 75.059 |
| 80% | 77.692 | 77.692 |
| 90% | 84.225 | 84.225 |
| 95% | 88.846 | 88.846 |
| 97.5% | 92.113 | 92.113 |
| 99% | 95.011 | 95.011 |



February / US AQI Index - Simulation!S23

Report:

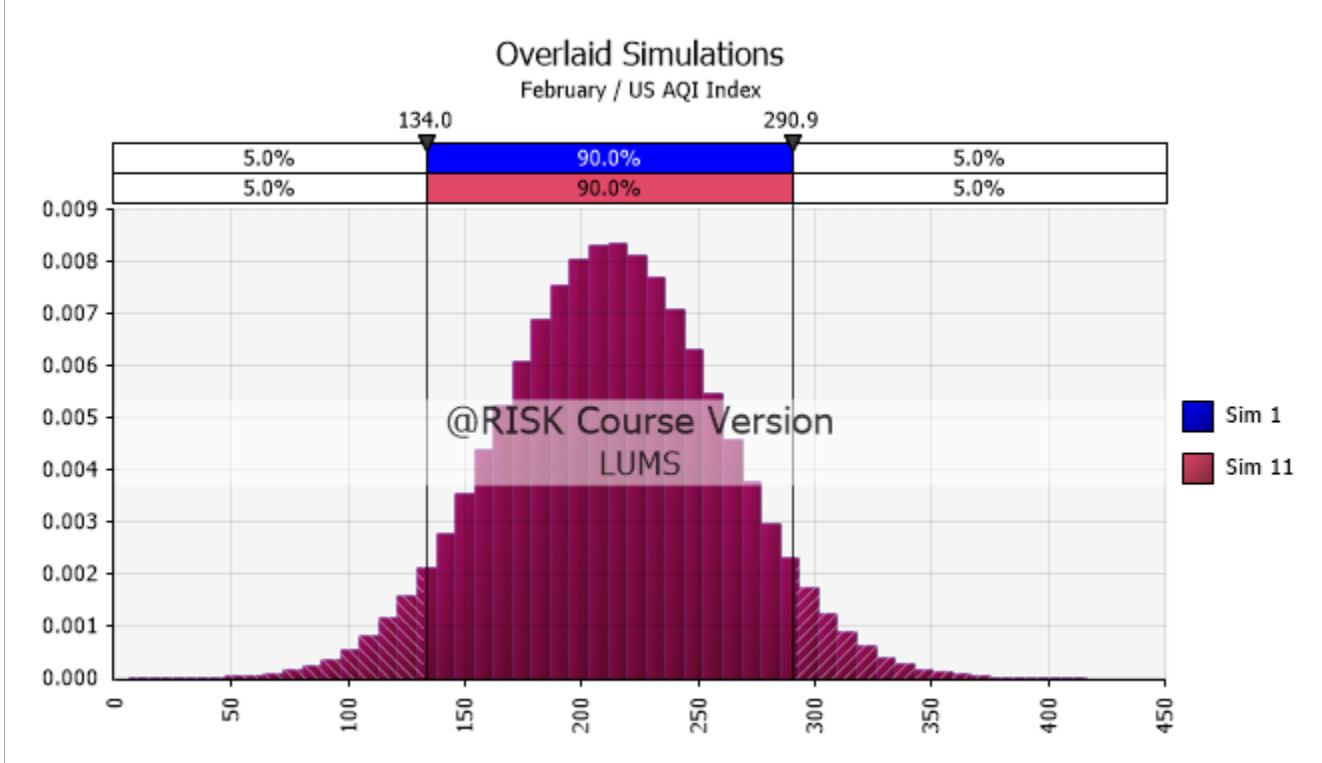
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

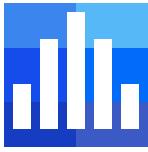
Date:

Friday, April 28, 2023



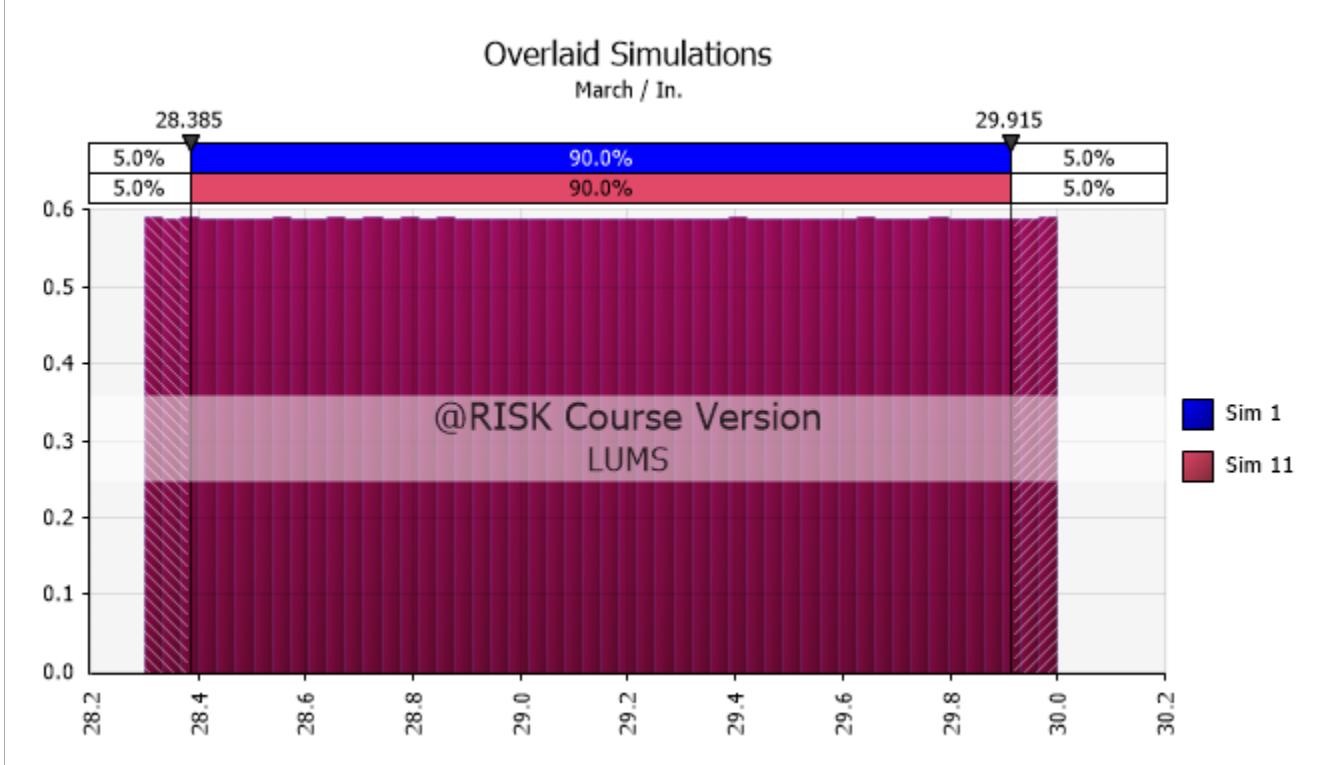
Summary Statistics for February / US AQI Index

| Statistic | Sim 1 | Sim 11 |
|----------------|--------|--------|
| Minimum | 6.38 | 6.38 |
| Maximum | 416.36 | 416.36 |
| Mean | 212.46 | 212.46 |
| Std. Deviation | 47.70 | 47.70 |
| Variance | 2,275 | 2,275 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 2.9988 | 2.9988 |
| Median | 212.45 | 212.45 |
| Mode | 211.86 | 211.86 |
| 1% | 101.47 | 101.47 |
| 2.5% | 118.96 | 118.96 |
| 5% | 133.99 | 133.99 |
| 10% | 151.32 | 151.32 |
| 20% | 172.31 | 172.31 |
| 25% | 180.28 | 180.28 |
| 50% | 212.45 | 212.45 |
| 75% | 244.63 | 244.63 |
| 80% | 252.60 | 252.60 |
| 90% | 273.58 | 273.58 |
| 95% | 290.91 | 290.91 |
| 97.5% | 305.94 | 305.94 |
| 99% | 323.42 | 323.42 |



March / In. - Simulation!D24

Report: Overlaid Simulations Report (Inputs)
Performed By: ahmedehtisham
Date: Friday, April 28, 2023



Summary Statistics for March / In.

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 28.3000 | 28.3000 |
| Maximum | 30.0000 | 30.0000 |
| Mean | 29.1500 | 29.1500 |
| Std. Deviation | 0.4908 | 0.4908 |
| Variance | 0.2408 | 0.2408 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 1.8000 | 1.8000 |
| Median | 29.1500 | 29.1500 |
| Mode | 28.5465 | 28.5465 |
| 1% | 28.3170 | 28.3170 |
| 2.5% | 28.3425 | 28.3425 |
| 5% | 28.3850 | 28.3850 |
| 10% | 28.4700 | 28.4700 |
| 20% | 28.6400 | 28.6400 |
| 25% | 28.7250 | 28.7250 |
| 50% | 29.1500 | 29.1500 |
| 75% | 29.5750 | 29.5750 |
| 80% | 29.6600 | 29.6600 |
| 90% | 29.8300 | 29.8300 |
| 95% | 29.9150 | 29.9150 |
| 97.5% | 29.9575 | 29.9575 |
| 99% | 29.9830 | 29.9830 |



March / mph - Simulation!E24

Report:

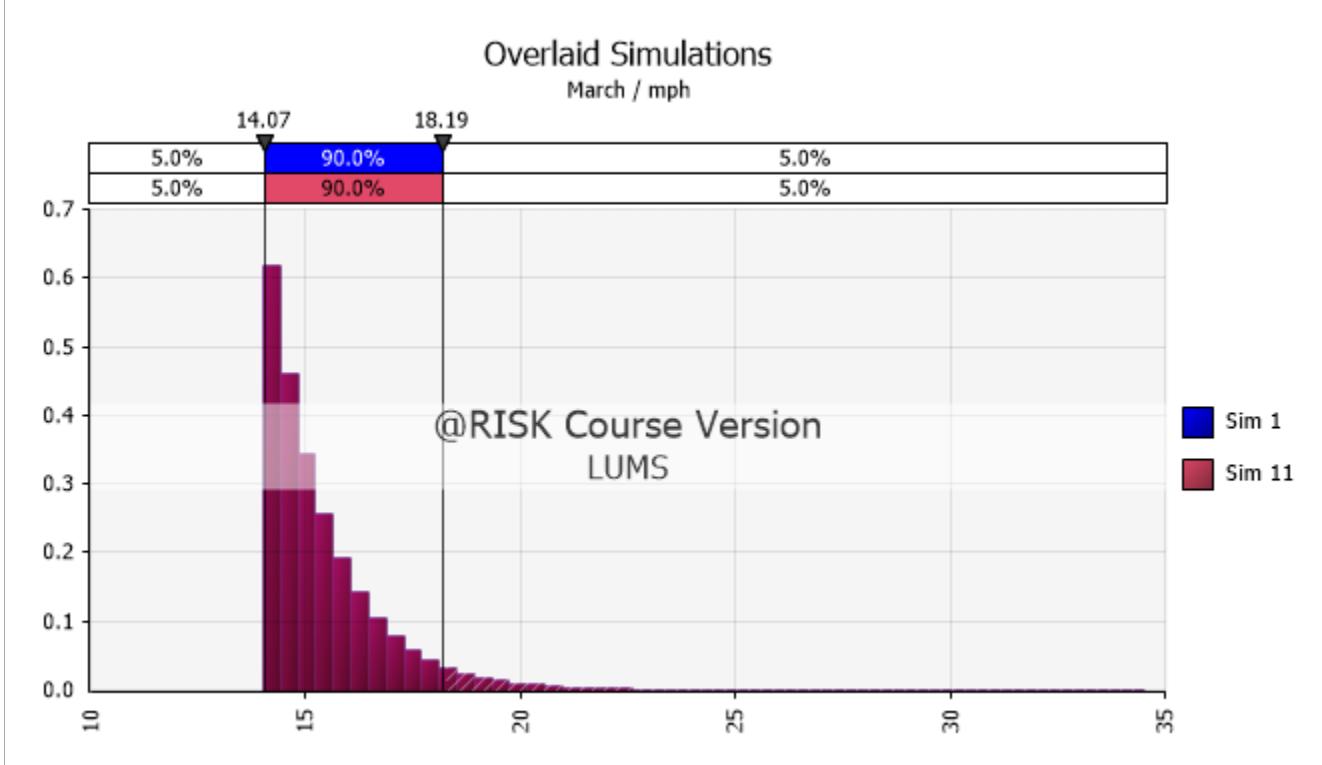
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



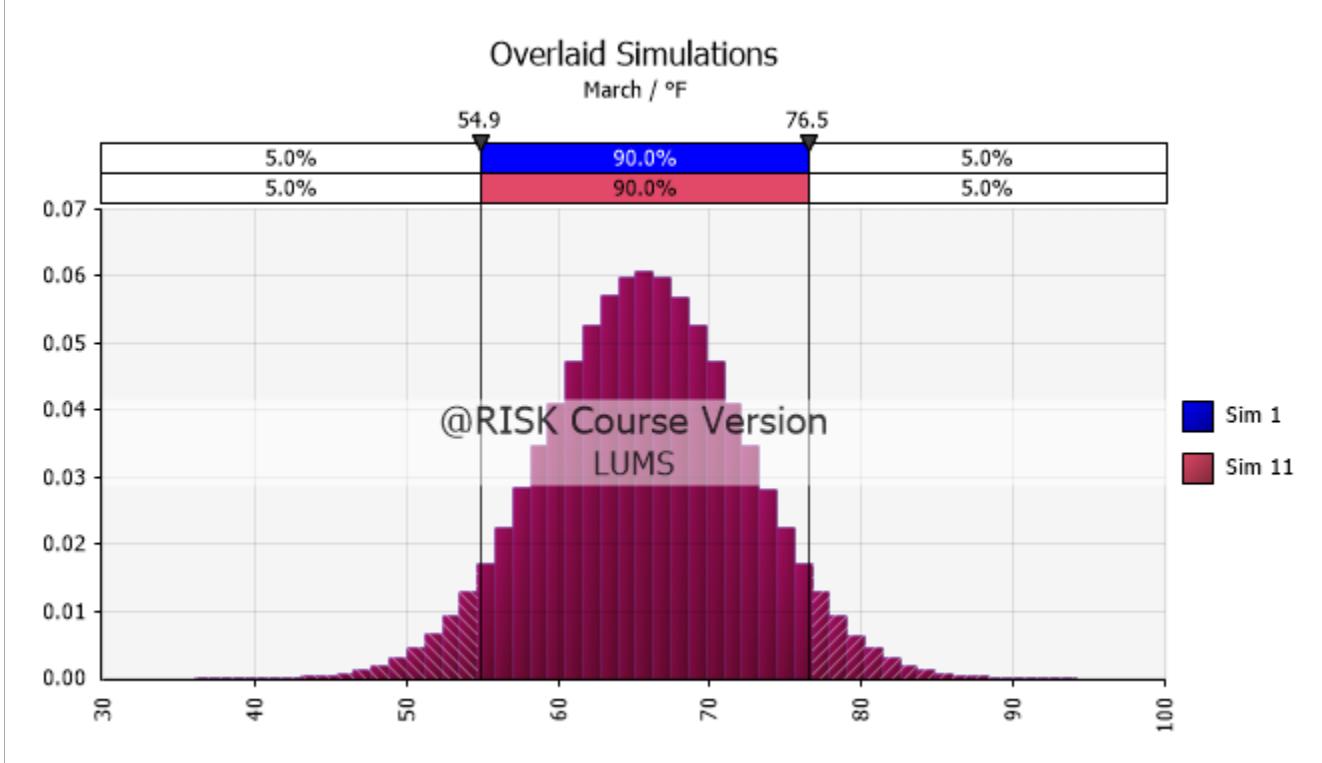
Summary Statistics for March / mph

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 14.0000 | 14.0000 |
| Maximum | 34.5436 | 34.5436 |
| Mean | 15.4000 | 15.4000 |
| Std. Deviation | 1.4004 | 1.4004 |
| Variance | 1.961 | 1.961 |
| Skewness | 2.0094 | 2.0094 |
| Kurtosis | 9.1710 | 9.1710 |
| Median | 14.9704 | 14.9704 |
| Mode | 14.0070 | 14.0070 |
| 1% | 14.0141 | 14.0141 |
| 2.5% | 14.0354 | 14.0354 |
| 5% | 14.0718 | 14.0718 |
| 10% | 14.1475 | 14.1475 |
| 20% | 14.3124 | 14.3124 |
| 25% | 14.4027 | 14.4027 |
| 50% | 14.9704 | 14.9704 |
| 75% | 15.9408 | 15.9408 |
| 80% | 16.2532 | 16.2532 |
| 90% | 17.2236 | 17.2236 |
| 95% | 18.1940 | 18.1940 |
| 97.5% | 19.1640 | 19.1640 |
| 99% | 20.4459 | 20.4459 |



March / °F - Simulation!F24

Report: Overlaid Simulations Report (Inputs)
Performed By: ahmedehtisham
Date: Friday, April 28, 2023



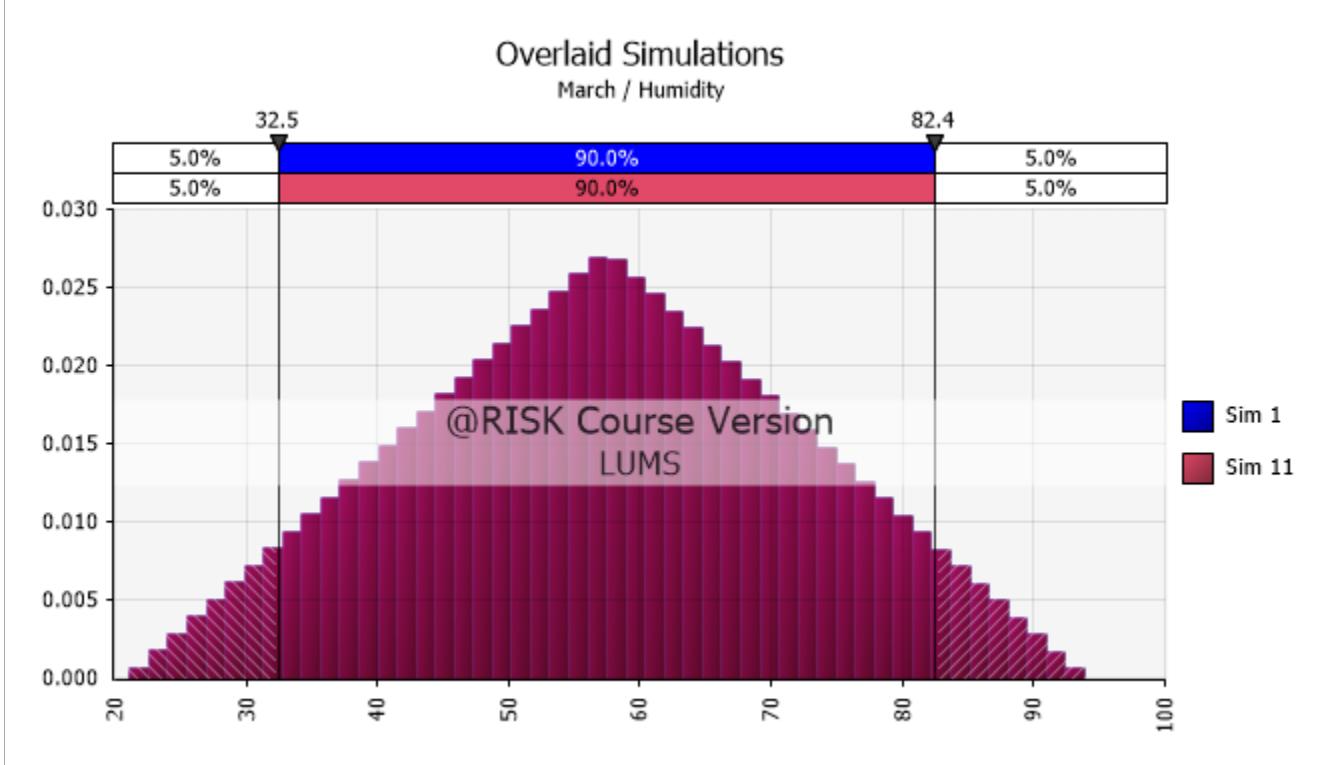
Summary Statistics for March / °F

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 36.085 | 36.085 |
| Maximum | 94.164 | 94.164 |
| Mean | 65.700 | 65.700 |
| Std. Deviation | 6.570 | 6.570 |
| Variance | 43.16 | 43.16 |
| Skewness | -0.0001 | -0.0001 |
| Kurtosis | 2.9993 | 2.9993 |
| Median | 65.700 | 65.700 |
| Mode | 65.618 | 65.618 |
| 1% | 50.415 | 50.415 |
| 2.5% | 52.823 | 52.823 |
| 5% | 54.893 | 54.893 |
| 10% | 57.280 | 57.280 |
| 20% | 60.170 | 60.170 |
| 25% | 61.268 | 61.268 |
| 50% | 65.700 | 65.700 |
| 75% | 70.131 | 70.131 |
| 80% | 71.229 | 71.229 |
| 90% | 74.119 | 74.119 |
| 95% | 76.506 | 76.506 |
| 97.5% | 78.576 | 78.576 |
| 99% | 80.982 | 80.982 |



March / Humidity - Simulation!G24

Report: Overlaid Simulations Report (Inputs)
Performed By: ahmedehtisham
Date: Friday, April 28, 2023



Summary Statistics for March / Humidity

| Statistic | Sim 1 | Sim 11 |
|----------------|--------|--------|
| Minimum | 21.119 | 21.119 |
| Maximum | 93.886 | 93.886 |
| Mean | 57.467 | 57.467 |
| Std. Deviation | 14.901 | 14.901 |
| Variance | 222.0 | 222.0 |
| Skewness | 0.0027 | 0.0027 |
| Kurtosis | 2.4000 | 2.4000 |
| Median | 57.450 | 57.450 |
| Mode | 57.267 | 57.267 |
| 1% | 26.153 | 26.153 |
| 2.5% | 29.149 | 29.149 |
| 5% | 32.526 | 32.526 |
| 10% | 37.300 | 37.300 |
| 20% | 44.053 | 44.053 |
| 25% | 46.774 | 46.774 |
| 50% | 57.450 | 57.450 |
| 75% | 68.155 | 68.155 |
| 80% | 70.884 | 70.884 |
| 90% | 77.654 | 77.654 |
| 95% | 82.442 | 82.442 |
| 97.5% | 85.827 | 85.827 |
| 99% | 88.829 | 88.829 |



March / US AQI Index - Simulation!S24

Report:

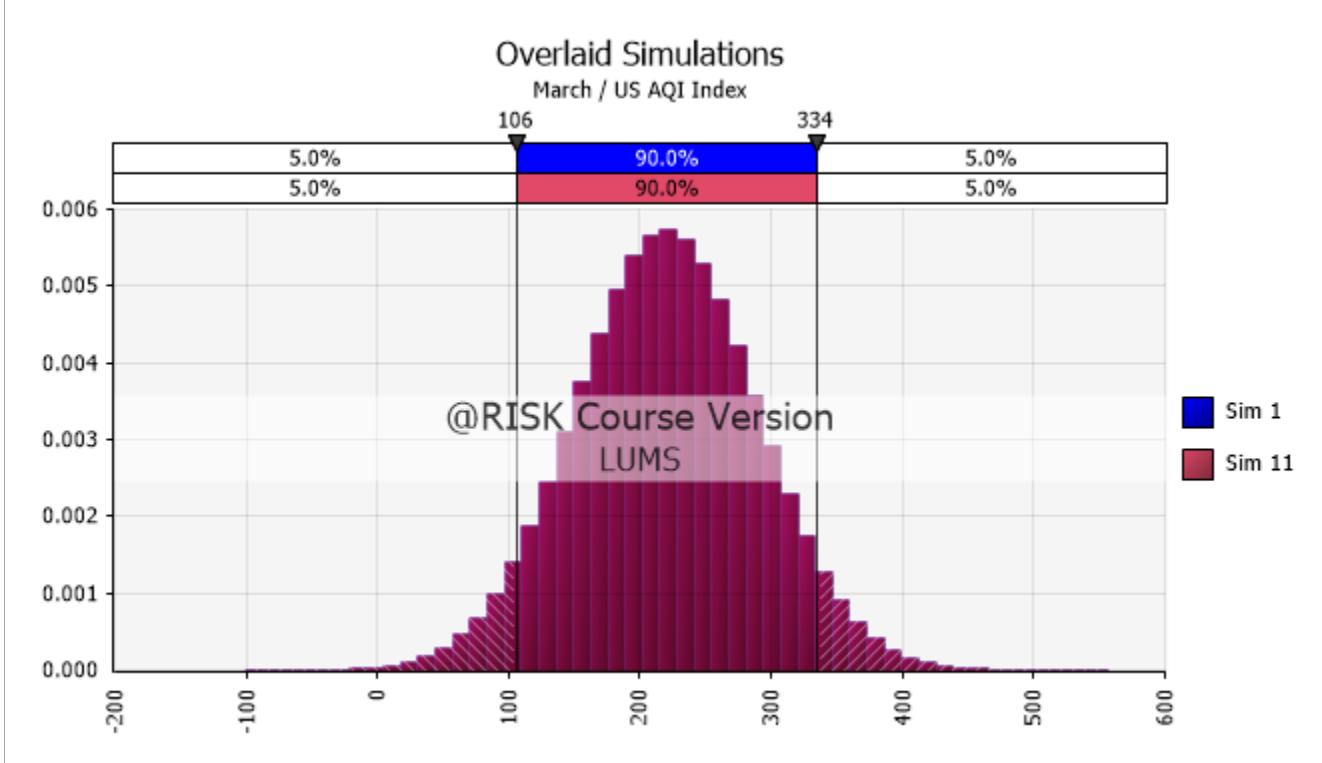
Overlaid Simulations Report (Inputs)

Performed By:

ahmedetisham

Date:

Friday, April 28, 2023



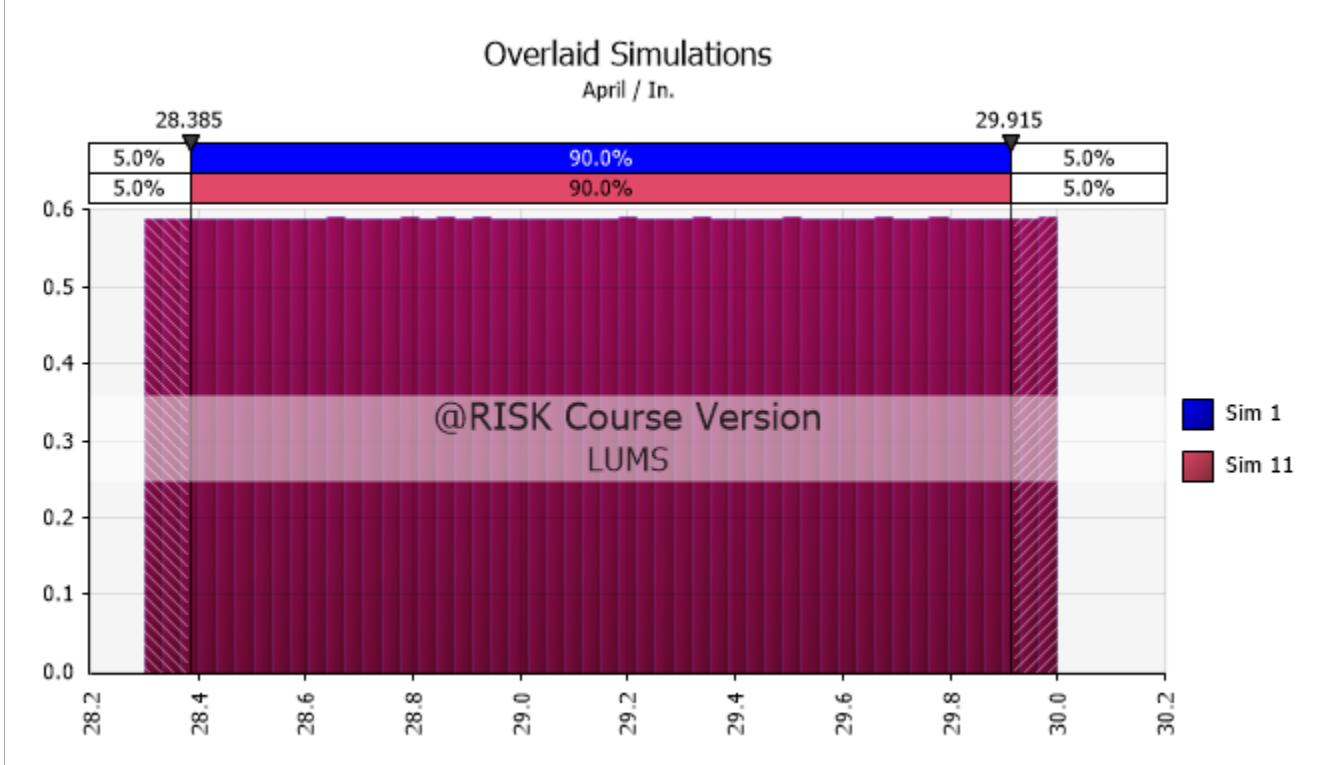
Summary Statistics for March / US AQI Index

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | -100.78 | -100.78 |
| Maximum | 557.34 | 557.34 |
| Mean | 220.03 | 220.03 |
| Std. Deviation | 69.36 | 69.36 |
| Variance | 4,811 | 4,811 |
| Skewness | 0.0001 | 0.0001 |
| Kurtosis | 3.0017 | 3.0017 |
| Median | 220.03 | 220.03 |
| Mode | 220.90 | 220.90 |
| 1% | 58.66 | 58.66 |
| 2.5% | 84.08 | 84.08 |
| 5% | 105.94 | 105.94 |
| 10% | 131.14 | 131.14 |
| 20% | 161.66 | 161.66 |
| 25% | 173.25 | 173.25 |
| 50% | 220.03 | 220.03 |
| 75% | 266.81 | 266.81 |
| 80% | 278.41 | 278.41 |
| 90% | 308.92 | 308.92 |
| 95% | 334.12 | 334.12 |
| 97.5% | 355.97 | 355.97 |
| 99% | 381.39 | 381.39 |



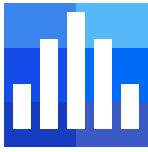
April / In. - Simulation!D25

Report: Overlaid Simulations Report (Inputs)
Performed By: ahmedehtisham
Date: Friday, April 28, 2023



Summary Statistics for April / In.

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 28.3000 | 28.3000 |
| Maximum | 30.0000 | 30.0000 |
| Mean | 29.1500 | 29.1500 |
| Std. Deviation | 0.4908 | 0.4908 |
| Variance | 0.2408 | 0.2408 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 1.8000 | 1.8000 |
| Median | 29.1500 | 29.1500 |
| Mode | 28.9715 | 28.9715 |
| 1% | 28.3170 | 28.3170 |
| 2.5% | 28.3425 | 28.3425 |
| 5% | 28.3850 | 28.3850 |
| 10% | 28.4700 | 28.4700 |
| 20% | 28.6400 | 28.6400 |
| 25% | 28.7250 | 28.7250 |
| 50% | 29.1500 | 29.1500 |
| 75% | 29.5750 | 29.5750 |
| 80% | 29.6600 | 29.6600 |
| 90% | 29.8300 | 29.8300 |
| 95% | 29.9150 | 29.9150 |
| 97.5% | 29.9575 | 29.9575 |
| 99% | 29.9830 | 29.9830 |



April / mph - Simulation!E25

Report:

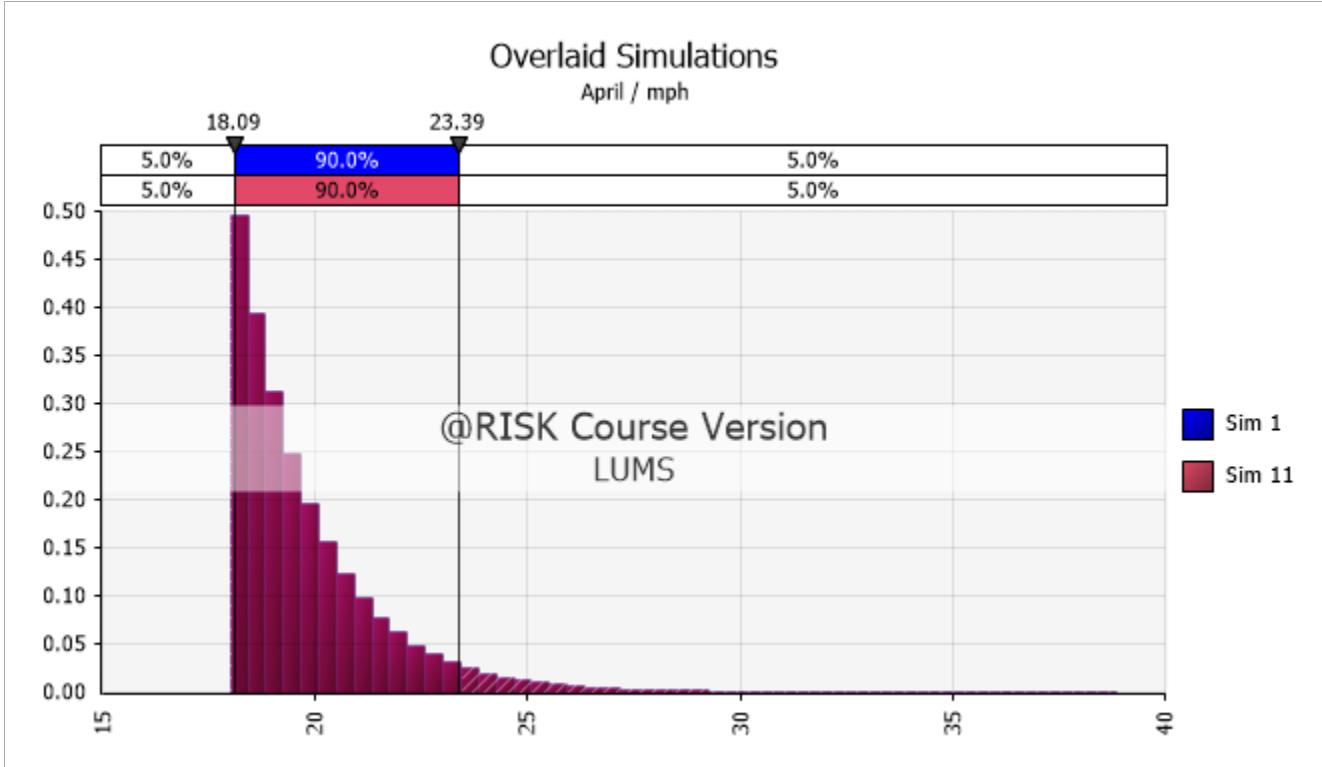
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



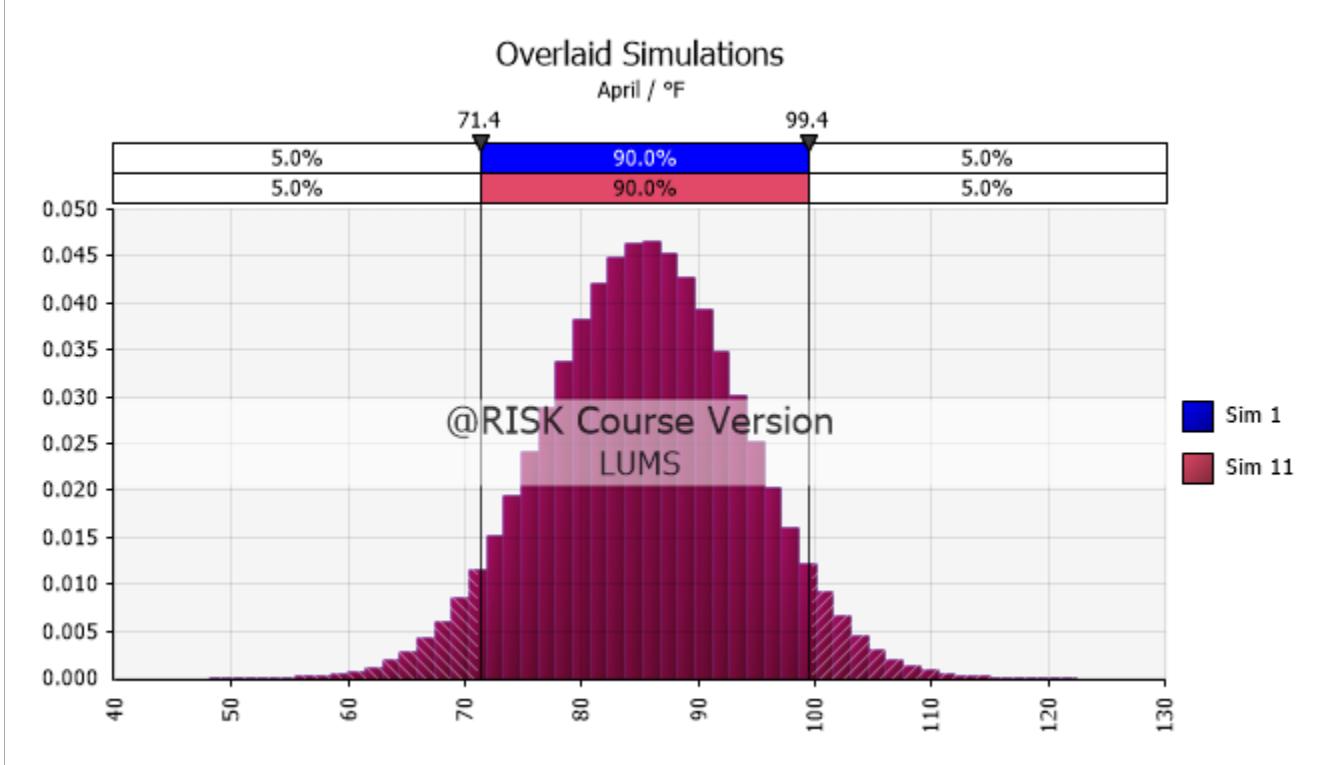
Summary Statistics for April / mph

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 18.0000 | 18.0000 |
| Maximum | 38.8610 | 38.8610 |
| Mean | 19.8000 | 19.8000 |
| Std. Deviation | 1.7999 | 1.7999 |
| Variance | 3.239 | 3.239 |
| Skewness | 1.9974 | 1.9974 |
| Kurtosis | 8.9513 | 8.9513 |
| Median | 19.2476 | 19.2476 |
| Mode | 18.0090 | 18.0090 |
| 1% | 18.0181 | 18.0181 |
| 2.5% | 18.0456 | 18.0456 |
| 5% | 18.0923 | 18.0923 |
| 10% | 18.1896 | 18.1896 |
| 20% | 18.4016 | 18.4016 |
| 25% | 18.5178 | 18.5178 |
| 50% | 19.2476 | 19.2476 |
| 75% | 20.4953 | 20.4953 |
| 80% | 20.8969 | 20.8969 |
| 90% | 22.1446 | 22.1446 |
| 95% | 23.3920 | 23.3920 |
| 97.5% | 24.6394 | 24.6394 |
| 99% | 26.2876 | 26.2876 |



April / °F - Simulation!F25

Report: Overlaid Simulations Report (Inputs)
Performed By: ahmedehtisham
Date: Friday, April 28, 2023



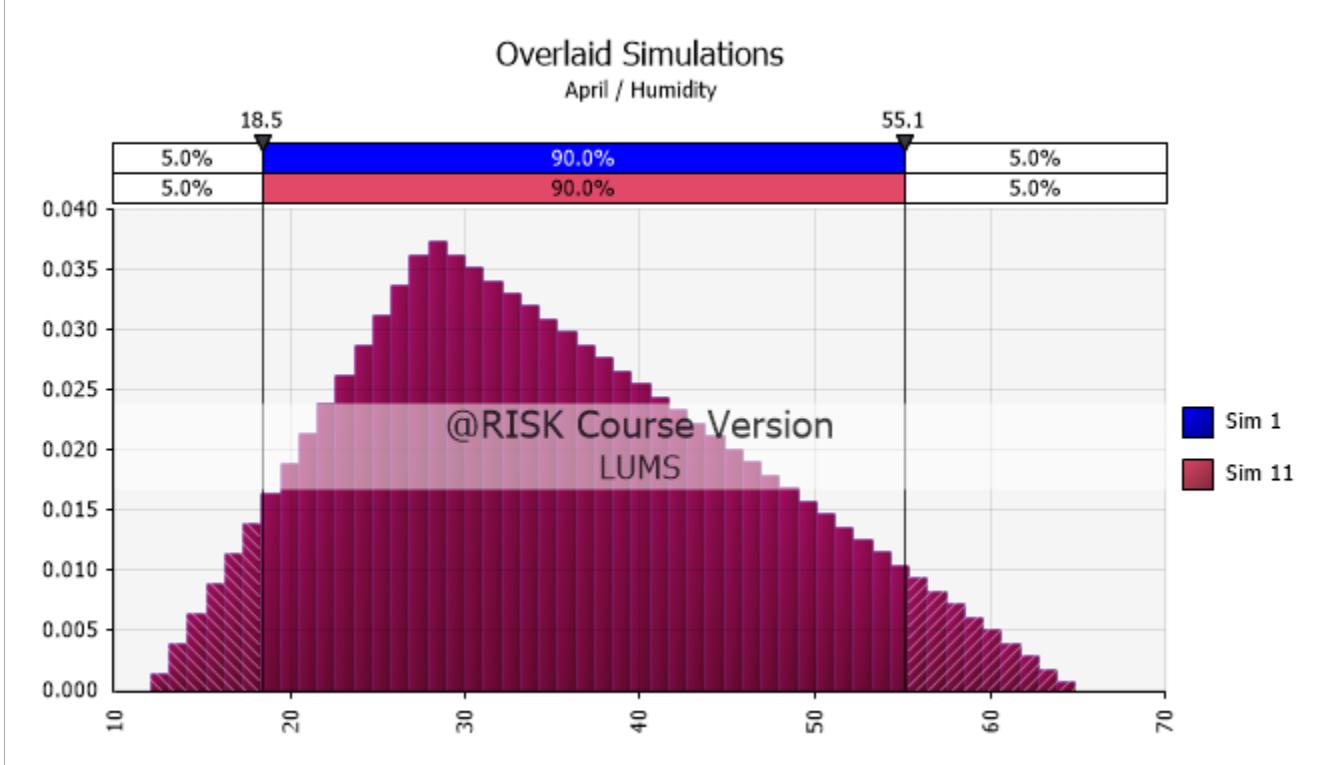
Summary Statistics for April / °F

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 48.009 | 48.009 |
| Maximum | 122.454 | 122.454 |
| Mean | 85.400 | 85.400 |
| Std. Deviation | 8.540 | 8.540 |
| Variance | 72.93 | 72.93 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 2.9995 | 2.9995 |
| Median | 85.400 | 85.400 |
| Mode | 85.507 | 85.507 |
| 1% | 65.532 | 65.532 |
| 2.5% | 68.661 | 68.661 |
| 5% | 71.352 | 71.352 |
| 10% | 74.455 | 74.455 |
| 20% | 78.212 | 78.212 |
| 25% | 79.640 | 79.640 |
| 50% | 85.400 | 85.400 |
| 75% | 91.160 | 91.160 |
| 80% | 92.587 | 92.587 |
| 90% | 96.344 | 96.344 |
| 95% | 99.447 | 99.447 |
| 97.5% | 102.137 | 102.137 |
| 99% | 105.266 | 105.266 |



April / Humidity - Simulation!G25

Report: Overlaid Simulations Report (Inputs)
Performed By: ahmedehtisham
Date: Friday, April 28, 2023



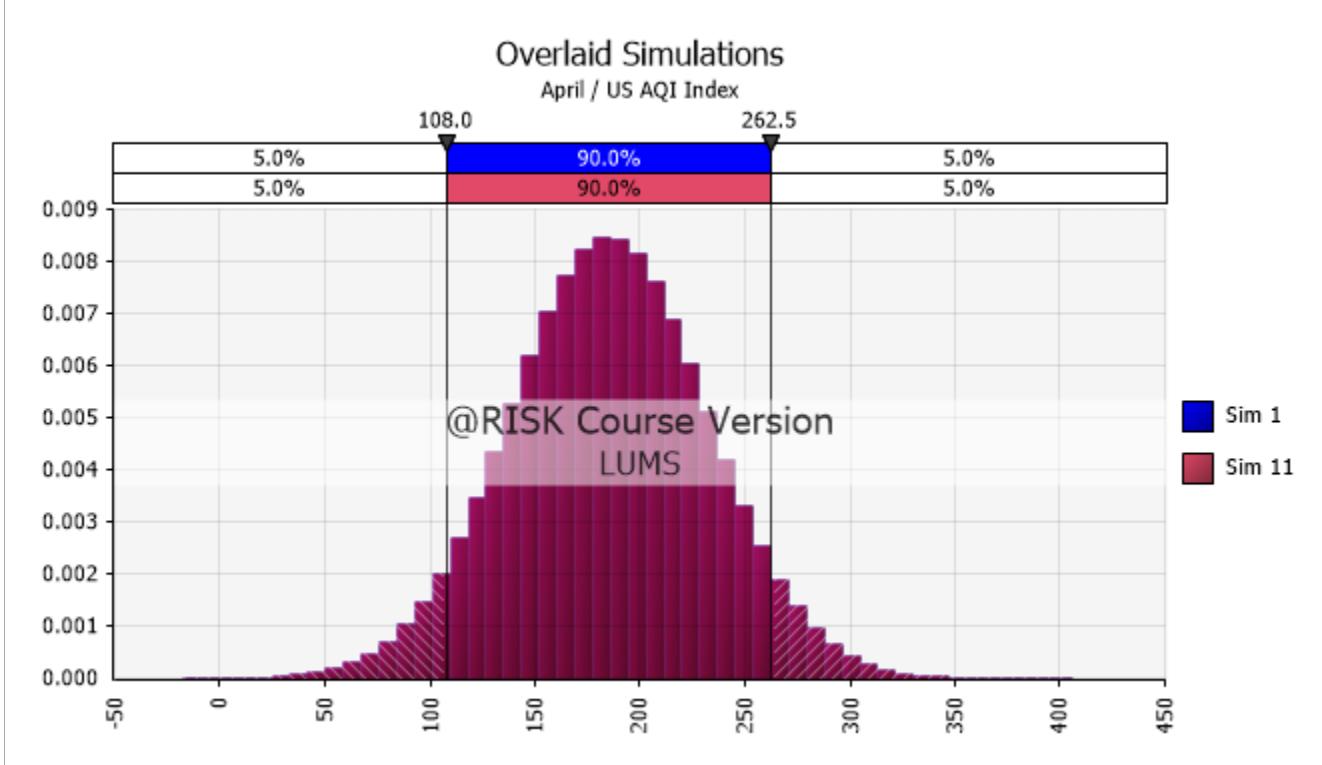
Summary Statistics for April / Humidity

| Statistic | Sim 1 | Sim 11 |
|----------------|--------|--------|
| Minimum | 12.030 | 12.030 |
| Maximum | 64.890 | 64.890 |
| Mean | 35.000 | 35.000 |
| Std. Deviation | 11.098 | 11.098 |
| Variance | 123.2 | 123.2 |
| Skewness | 0.3534 | 0.3534 |
| Kurtosis | 2.4000 | 2.4000 |
| Median | 33.687 | 33.687 |
| Mode | 28.083 | 28.083 |
| 1% | 14.912 | 14.912 |
| 2.5% | 16.604 | 16.604 |
| 5% | 18.511 | 18.511 |
| 10% | 21.208 | 21.208 |
| 20% | 25.023 | 25.023 |
| 25% | 26.560 | 26.560 |
| 50% | 33.687 | 33.687 |
| 75% | 42.858 | 42.858 |
| 80% | 45.196 | 45.196 |
| 90% | 50.996 | 50.996 |
| 95% | 55.097 | 55.097 |
| 97.5% | 57.998 | 57.998 |
| 99% | 60.570 | 60.570 |



April / US AQI Index - Simulation!S25

Report: Overlaid Simulations Report (Inputs)
Performed By: ahmedehtisham
Date: Friday, April 28, 2023



Summary Statistics for April / US AQI Index

| Statistic | Sim 1 | Sim 11 |
|----------------|--------|--------|
| Minimum | -17.57 | -17.57 |
| Maximum | 406.58 | 406.58 |
| Mean | 185.26 | 185.26 |
| Std. Deviation | 46.97 | 46.97 |
| Variance | 2,206 | 2,206 |
| Skewness | 0.0003 | 0.0003 |
| Kurtosis | 3.0003 | 3.0003 |
| Median | 185.26 | 185.26 |
| Mode | 184.67 | 184.67 |
| 1% | 75.97 | 75.97 |
| 2.5% | 93.19 | 93.19 |
| 5% | 107.99 | 107.99 |
| 10% | 125.06 | 125.06 |
| 20% | 145.73 | 145.73 |
| 25% | 153.58 | 153.58 |
| 50% | 185.26 | 185.26 |
| 75% | 216.94 | 216.94 |
| 80% | 224.79 | 224.79 |
| 90% | 245.45 | 245.45 |
| 95% | 262.52 | 262.52 |
| 97.5% | 277.32 | 277.32 |
| 99% | 294.52 | 294.52 |



May / In. - Simulation!D26

Report:

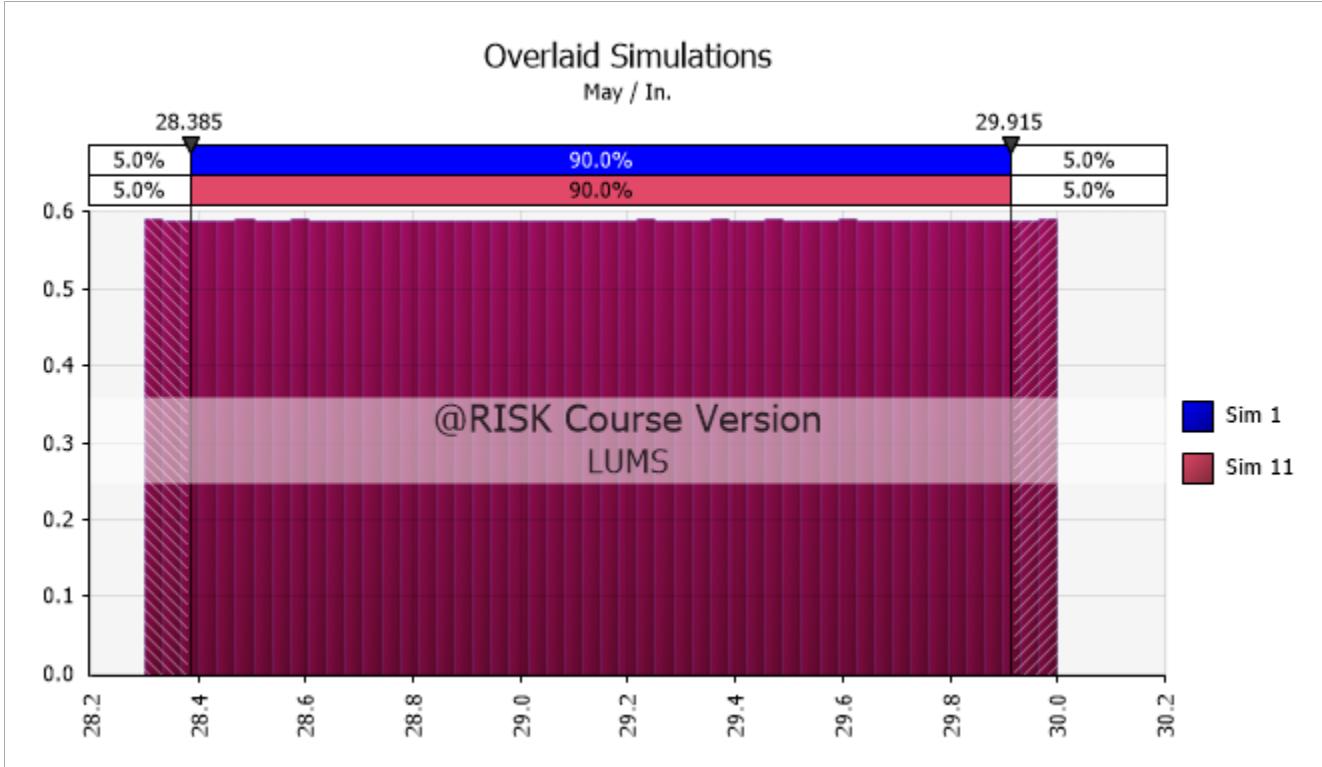
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

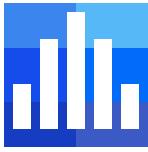
Date:

Friday, April 28, 2023



Summary Statistics for May / In.

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 28.3000 | 28.3000 |
| Maximum | 30.0000 | 30.0000 |
| Mean | 29.1500 | 29.1500 |
| Std. Deviation | 0.4908 | 0.4908 |
| Variance | 0.2408 | 0.2408 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 1.8000 | 1.8000 |
| Median | 29.1500 | 29.1500 |
| Mode | 28.8185 | 28.8185 |
| 1% | 28.3170 | 28.3170 |
| 2.5% | 28.3425 | 28.3425 |
| 5% | 28.3850 | 28.3850 |
| 10% | 28.4700 | 28.4700 |
| 20% | 28.6400 | 28.6400 |
| 25% | 28.7250 | 28.7250 |
| 50% | 29.1500 | 29.1500 |
| 75% | 29.5750 | 29.5750 |
| 80% | 29.6600 | 29.6600 |
| 90% | 29.8300 | 29.8300 |
| 95% | 29.9150 | 29.9150 |
| 97.5% | 29.9575 | 29.9575 |
| 99% | 29.9830 | 29.9830 |



May / mph - Simulation!E26

Report:

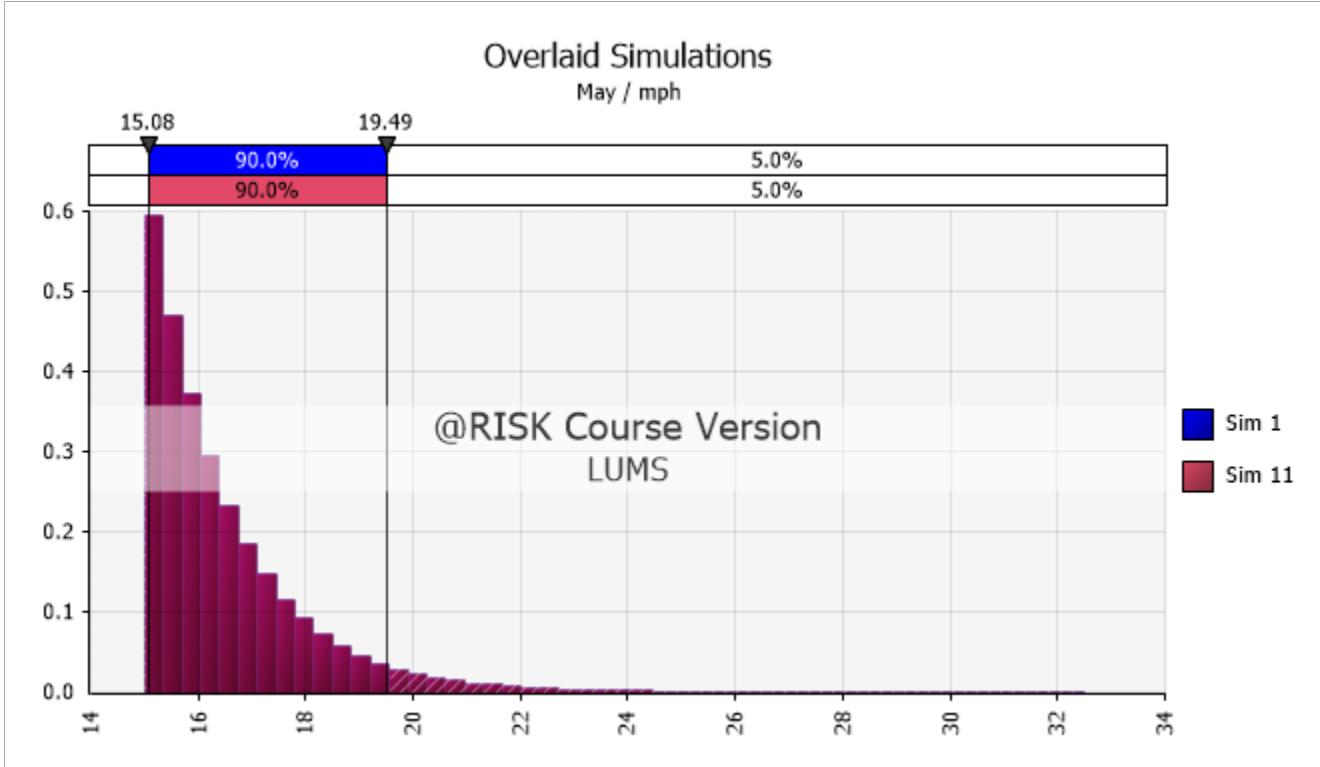
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



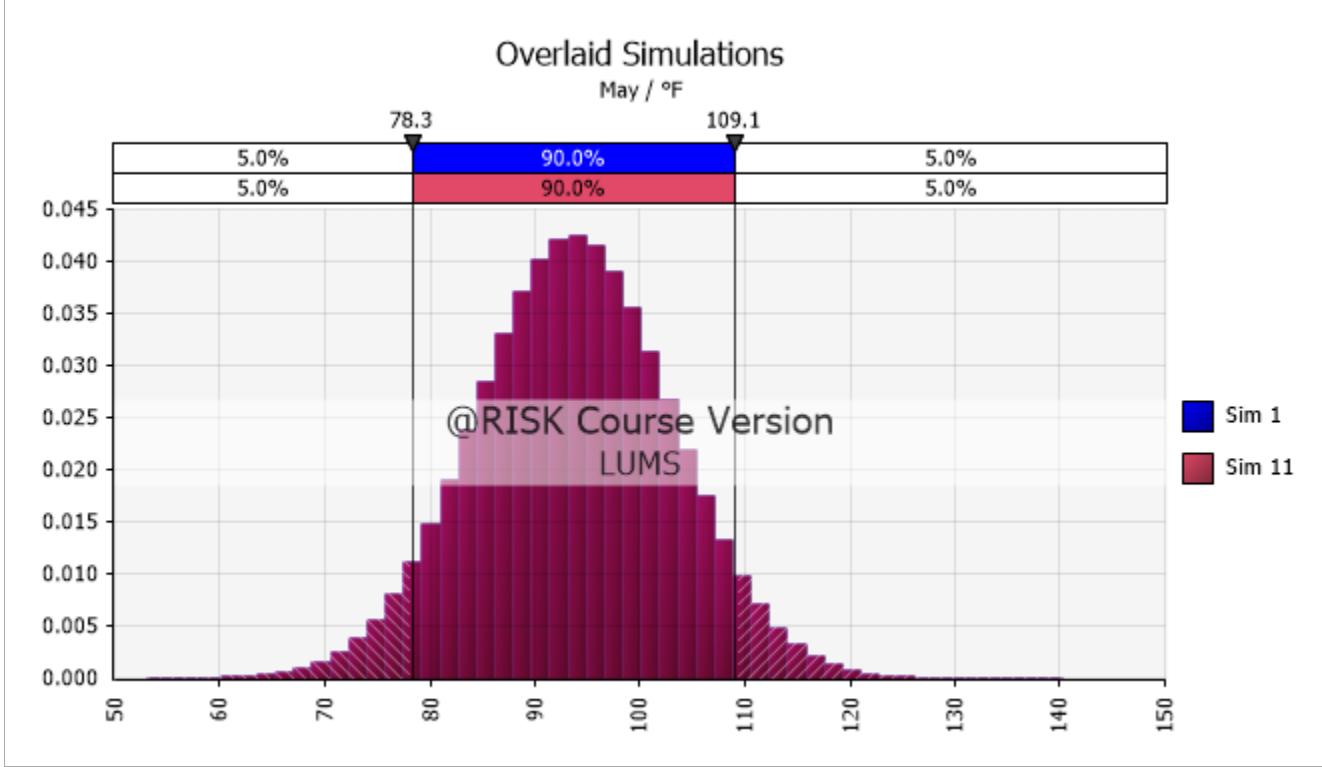
Summary Statistics for May / mph

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 15.0000 | 15.0000 |
| Maximum | 32.5146 | 32.5146 |
| Mean | 16.5000 | 16.5000 |
| Std. Deviation | 1.4998 | 1.4998 |
| Variance | 2.249 | 2.249 |
| Skewness | 1.9964 | 1.9964 |
| Kurtosis | 8.9388 | 8.9388 |
| Median | 16.0397 | 16.0397 |
| Mode | 15.0075 | 15.0075 |
| 1% | 15.0151 | 15.0151 |
| 2.5% | 15.0380 | 15.0380 |
| 5% | 15.0769 | 15.0769 |
| 10% | 15.1580 | 15.1580 |
| 20% | 15.3347 | 15.3347 |
| 25% | 15.4315 | 15.4315 |
| 50% | 16.0397 | 16.0397 |
| 75% | 17.0794 | 17.0794 |
| 80% | 17.4141 | 17.4141 |
| 90% | 18.4538 | 18.4538 |
| 95% | 19.4935 | 19.4935 |
| 97.5% | 20.5333 | 20.5333 |
| 99% | 21.9076 | 21.9076 |



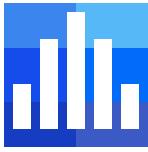
May / °F - Simulation!F26

Report: Overlaid Simulations Report (Inputs)
Performed By: ahmedehtisham
Date: Friday, April 28, 2023



Summary Statistics for May / °F

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 53.069 | 53.069 |
| Maximum | 140.229 | 140.229 |
| Mean | 93.700 | 93.700 |
| Std. Deviation | 9.370 | 9.370 |
| Variance | 87.80 | 87.80 |
| Skewness | 0.0004 | 0.0004 |
| Kurtosis | 3.0014 | 3.0014 |
| Median | 93.700 | 93.700 |
| Mode | 93.583 | 93.583 |
| 1% | 71.900 | 71.900 |
| 2.5% | 75.334 | 75.334 |
| 5% | 78.287 | 78.287 |
| 10% | 81.691 | 81.691 |
| 20% | 85.814 | 85.814 |
| 25% | 87.380 | 87.380 |
| 50% | 93.700 | 93.700 |
| 75% | 100.020 | 100.020 |
| 80% | 101.586 | 101.586 |
| 90% | 105.708 | 105.708 |
| 95% | 109.112 | 109.112 |
| 97.5% | 112.064 | 112.064 |
| 99% | 115.495 | 115.495 |



May / Humidity - Simulation!G26

Report:

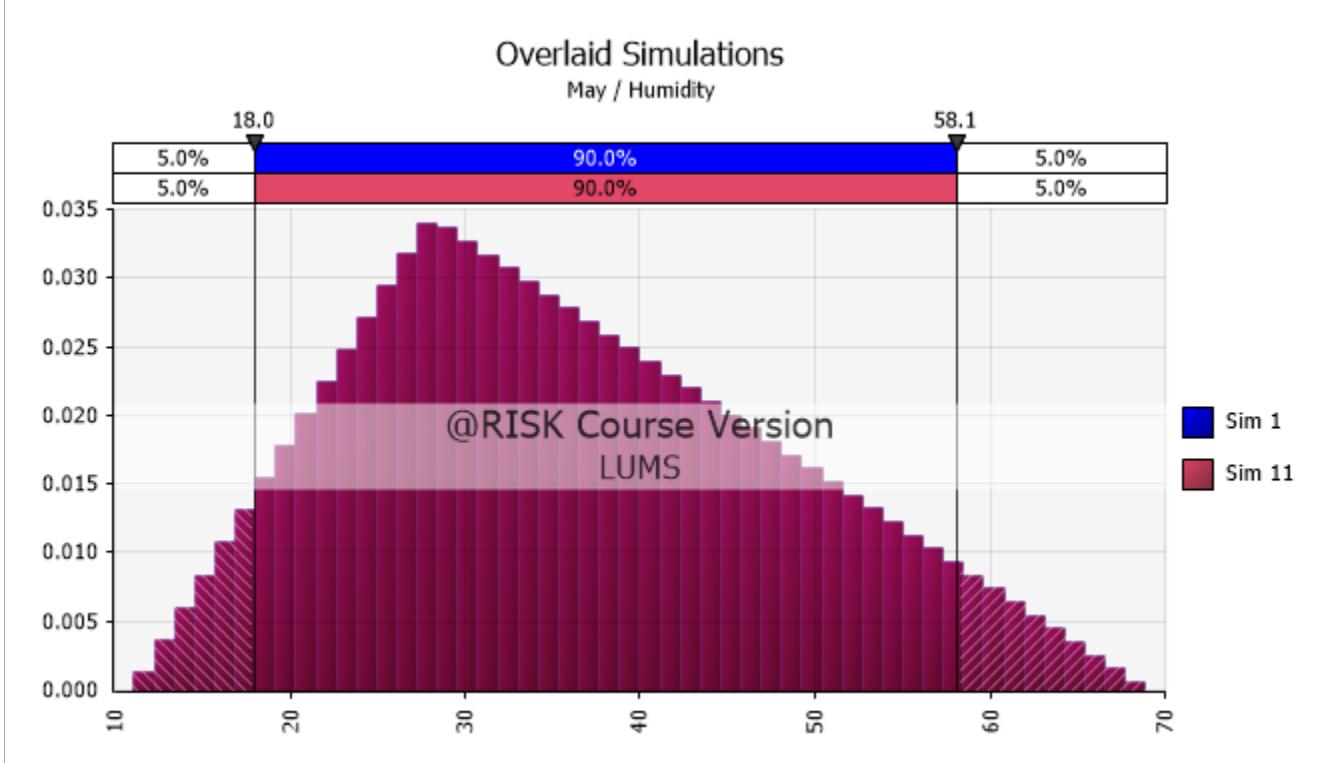
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



Summary Statistics for May / Humidity

| Statistic | Sim 1 | Sim 11 |
|----------------|--------|--------|
| Minimum | 11.079 | 11.079 |
| Maximum | 68.905 | 68.905 |
| Mean | 36.000 | 36.000 |
| Std. Deviation | 12.172 | 12.172 |
| Variance | 148.2 | 148.2 |
| Skewness | 0.3660 | 0.3660 |
| Kurtosis | 2.4000 | 2.4000 |
| Median | 34.518 | 34.518 |
| Mode | 28.055 | 28.055 |
| 1% | 14.140 | 14.140 |
| 2.5% | 15.964 | 15.964 |
| 5% | 18.021 | 18.021 |
| 10% | 20.929 | 20.929 |
| 20% | 25.043 | 25.043 |
| 25% | 26.700 | 26.700 |
| 50% | 34.518 | 34.518 |
| 75% | 44.617 | 44.617 |
| 80% | 47.191 | 47.191 |
| 90% | 53.579 | 53.579 |
| 95% | 58.095 | 58.095 |
| 97.5% | 61.289 | 61.289 |
| 99% | 64.122 | 64.122 |



May / US AQI Index - Simulation!S26

Report:

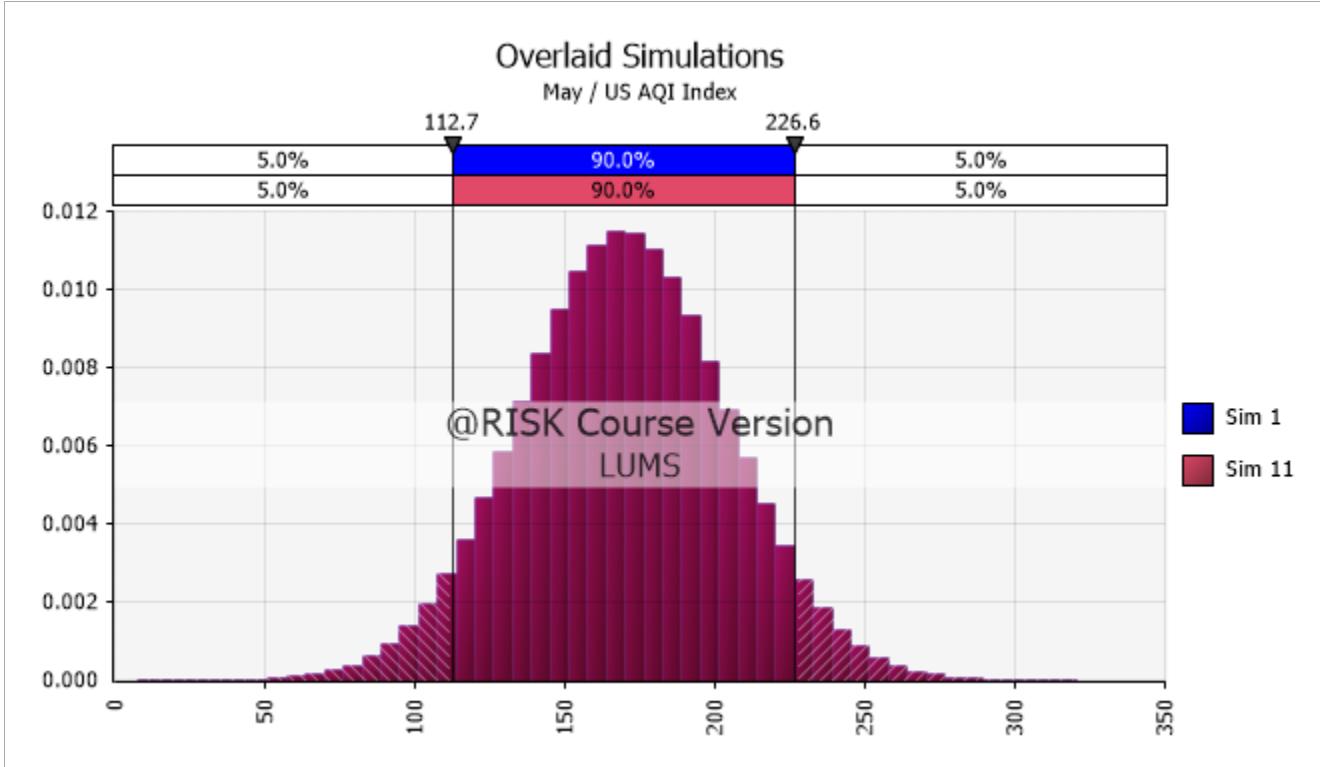
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

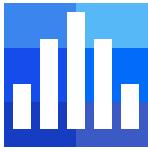
Date:

Friday, April 28, 2023



Summary Statistics for May / US AQI Index

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 7.09 | 7.09 |
| Maximum | 320.62 | 320.62 |
| Mean | 169.67 | 169.67 |
| Std. Deviation | 34.64 | 34.64 |
| Variance | 1,200 | 1,200 |
| Skewness | -0.0002 | -0.0002 |
| Kurtosis | 3.0003 | 3.0003 |
| Median | 169.67 | 169.67 |
| Mode | 169.23 | 169.23 |
| 1% | 89.06 | 89.06 |
| 2.5% | 101.76 | 101.76 |
| 5% | 112.68 | 112.68 |
| 10% | 125.27 | 125.27 |
| 20% | 140.51 | 140.51 |
| 25% | 146.30 | 146.30 |
| 50% | 169.67 | 169.67 |
| 75% | 193.03 | 193.03 |
| 80% | 198.82 | 198.82 |
| 90% | 214.06 | 214.06 |
| 95% | 226.65 | 226.65 |
| 97.5% | 237.56 | 237.56 |
| 99% | 250.25 | 250.25 |



June / In. - Simulation!D27

Report:

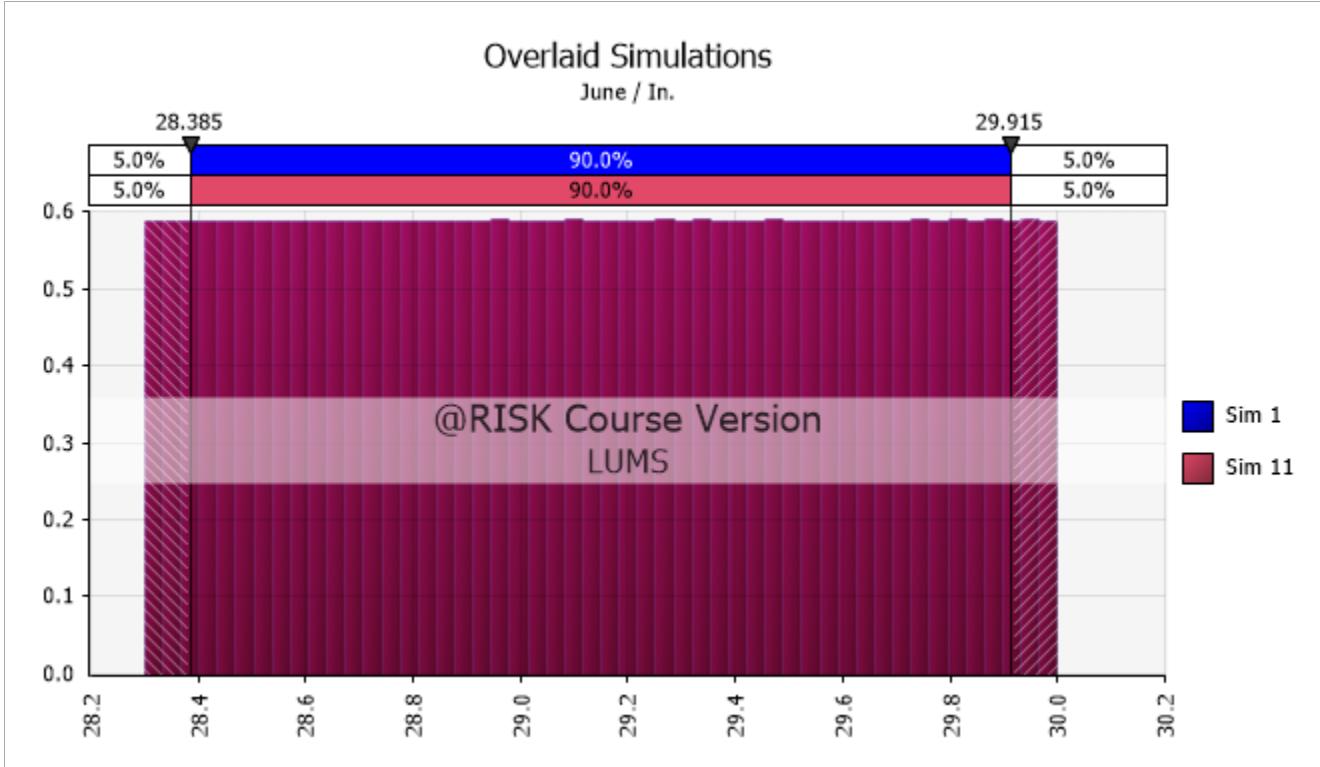
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



Summary Statistics for June / In.

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 28.3000 | 28.3000 |
| Maximum | 30.0000 | 30.0000 |
| Mean | 29.1500 | 29.1500 |
| Std. Deviation | 0.4908 | 0.4908 |
| Variance | 0.2408 | 0.2408 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 1.8000 | 1.8000 |
| Median | 29.1500 | 29.1500 |
| Mode | 28.9545 | 28.9545 |
| 1% | 28.3170 | 28.3170 |
| 2.5% | 28.3425 | 28.3425 |
| 5% | 28.3850 | 28.3850 |
| 10% | 28.4700 | 28.4700 |
| 20% | 28.6400 | 28.6400 |
| 25% | 28.7250 | 28.7250 |
| 50% | 29.1500 | 29.1500 |
| 75% | 29.5750 | 29.5750 |
| 80% | 29.6600 | 29.6600 |
| 90% | 29.8300 | 29.8300 |
| 95% | 29.9150 | 29.9150 |
| 97.5% | 29.9575 | 29.9575 |
| 99% | 29.9830 | 29.9830 |



June / mph - Simulation!E27

Report:

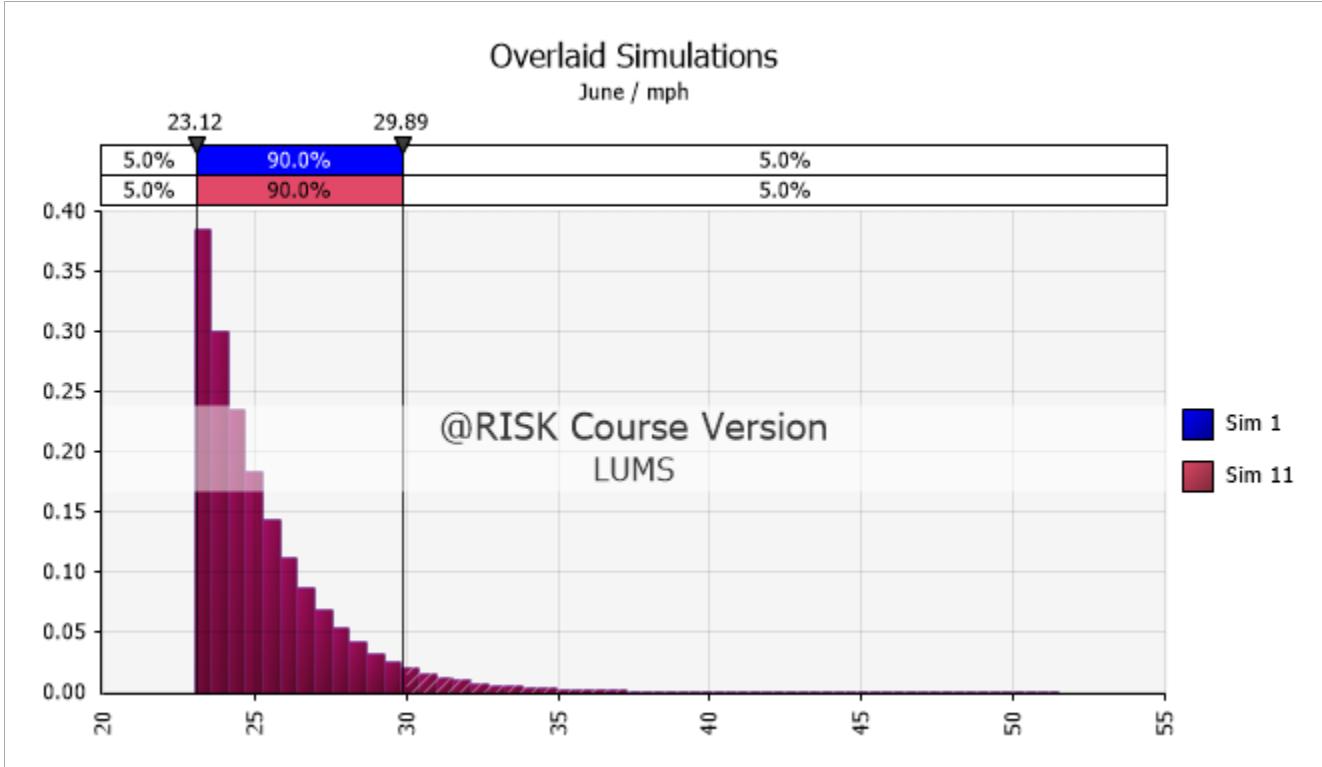
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



Summary Statistics for June / mph

| Statistic | Sim 1 | Sim 11 |
|----------------|--------|--------|
| Minimum | 23.000 | 23.000 |
| Maximum | 51.508 | 51.508 |
| Mean | 25.300 | 25.300 |
| Std. Deviation | 2.300 | 2.300 |
| Variance | 5.290 | 5.290 |
| Skewness | 1.9991 | 1.9991 |
| Kurtosis | 8.9809 | 8.9809 |
| Median | 24.594 | 24.594 |
| Mode | 23.012 | 23.012 |
| 1% | 23.023 | 23.023 |
| 2.5% | 23.058 | 23.058 |
| 5% | 23.118 | 23.118 |
| 10% | 23.242 | 23.242 |
| 20% | 23.513 | 23.513 |
| 25% | 23.662 | 23.662 |
| 50% | 24.594 | 24.594 |
| 75% | 26.188 | 26.188 |
| 80% | 26.702 | 26.702 |
| 90% | 28.296 | 28.296 |
| 95% | 29.890 | 29.890 |
| 97.5% | 31.484 | 31.484 |
| 99% | 33.591 | 33.591 |



June / °F - Simulation!F27

Report:

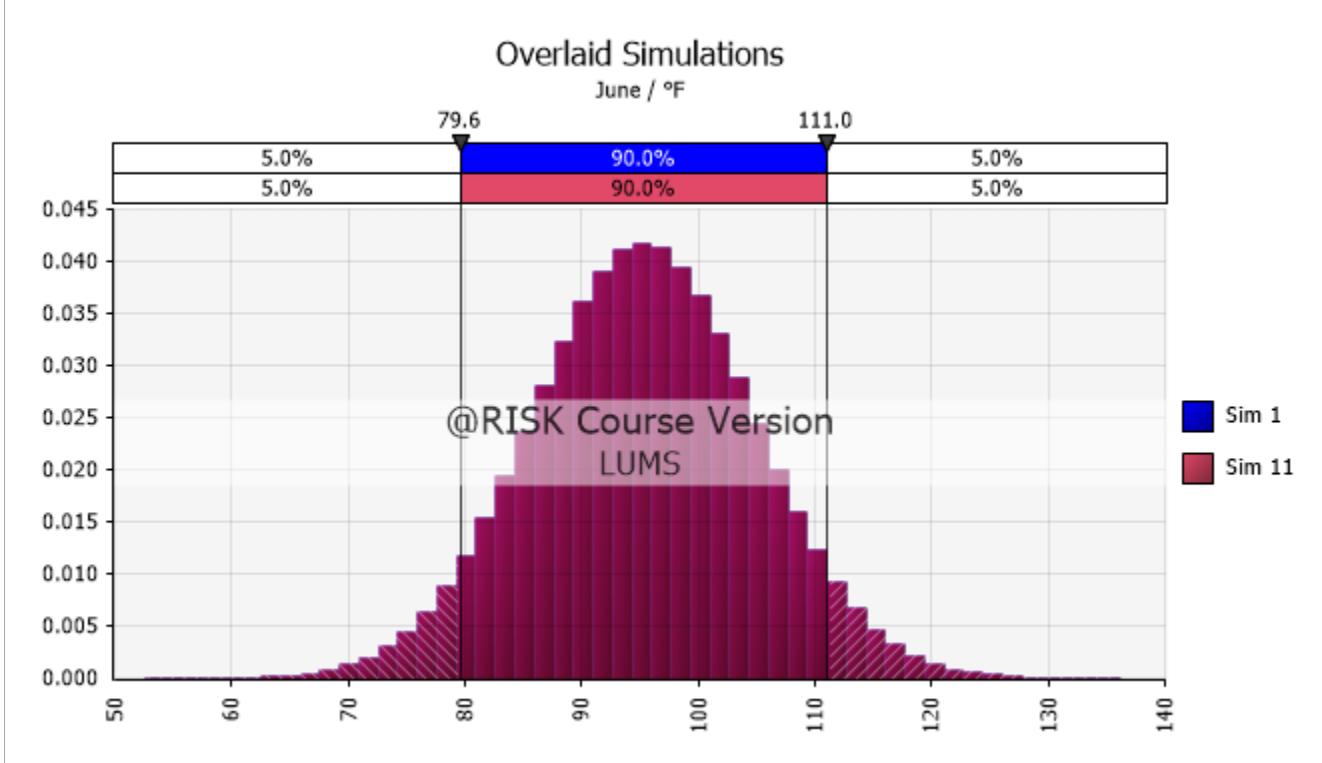
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



Summary Statistics for June / °F

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 52.499 | 52.499 |
| Maximum | 136.154 | 136.154 |
| Mean | 95.300 | 95.300 |
| Std. Deviation | 9.530 | 9.530 |
| Variance | 90.82 | 90.82 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 2.9997 | 2.9997 |
| Median | 95.300 | 95.300 |
| Mode | 95.419 | 95.419 |
| 1% | 73.128 | 73.128 |
| 2.5% | 76.621 | 76.621 |
| 5% | 79.624 | 79.624 |
| 10% | 83.086 | 83.086 |
| 20% | 87.279 | 87.279 |
| 25% | 88.872 | 88.872 |
| 50% | 95.300 | 95.300 |
| 75% | 101.728 | 101.728 |
| 80% | 103.321 | 103.321 |
| 90% | 107.513 | 107.513 |
| 95% | 110.975 | 110.975 |
| 97.5% | 113.977 | 113.977 |
| 99% | 117.469 | 117.469 |



June / Humidity - Simulation!G27

Report:

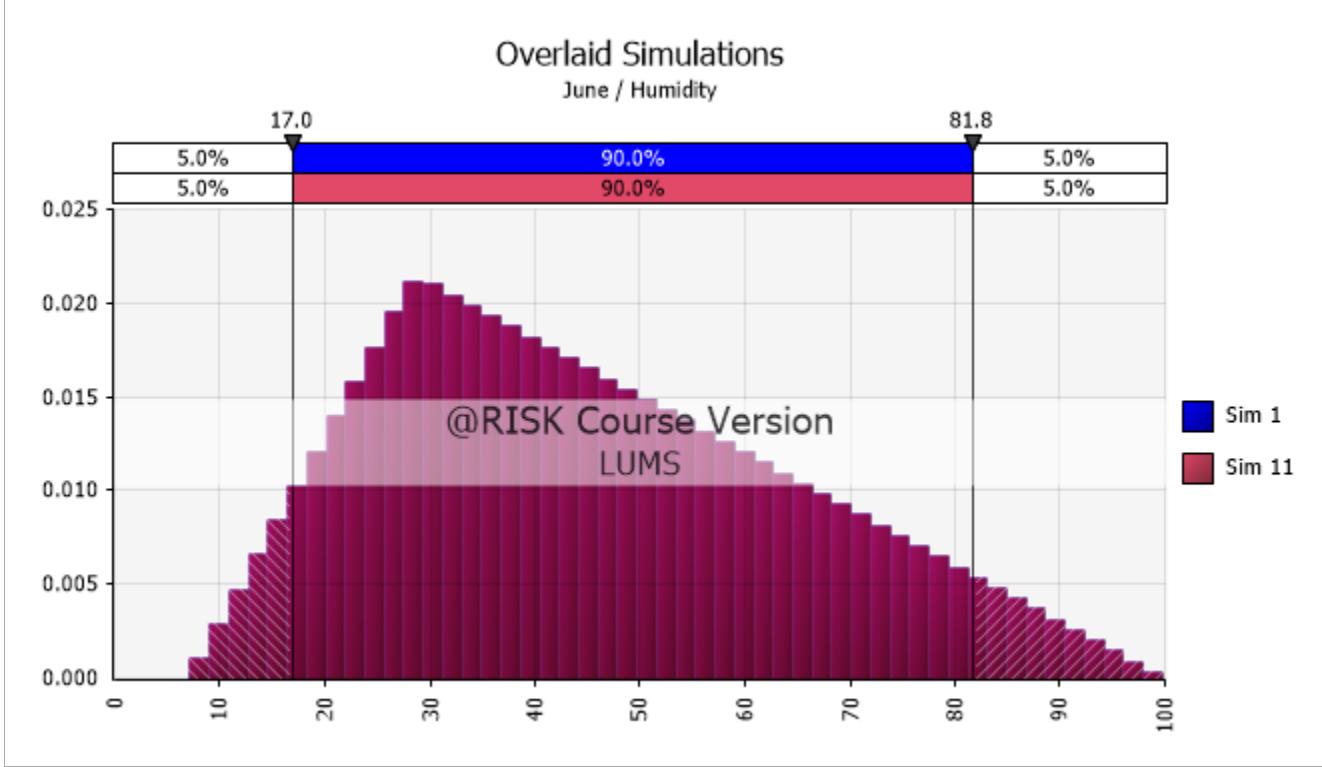
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



Summary Statistics for June / Humidity

| Statistic | Sim 1 | Sim 11 |
|----------------|--------|--------|
| Minimum | 7.130 | 7.130 |
| Maximum | 99.777 | 99.777 |
| Mean | 45.200 | 45.200 |
| Std. Deviation | 19.870 | 19.870 |
| Variance | 394.8 | 394.8 |
| Skewness | 0.4430 | 0.4430 |
| Kurtosis | 2.4000 | 2.4000 |
| Median | 42.379 | 42.379 |
| Mode | 28.728 | 28.728 |
| 1% | 11.481 | 11.481 |
| 2.5% | 14.085 | 14.085 |
| 5% | 17.021 | 17.021 |
| 10% | 21.173 | 21.173 |
| 20% | 27.044 | 27.044 |
| 25% | 29.430 | 29.430 |
| 50% | 42.379 | 42.379 |
| 75% | 59.256 | 59.256 |
| 80% | 63.557 | 63.557 |
| 90% | 74.230 | 74.230 |
| 95% | 81.778 | 81.778 |
| 97.5% | 87.115 | 87.115 |
| 99% | 91.849 | 91.849 |



June / US AQI Index - Simulation!S27

Report:

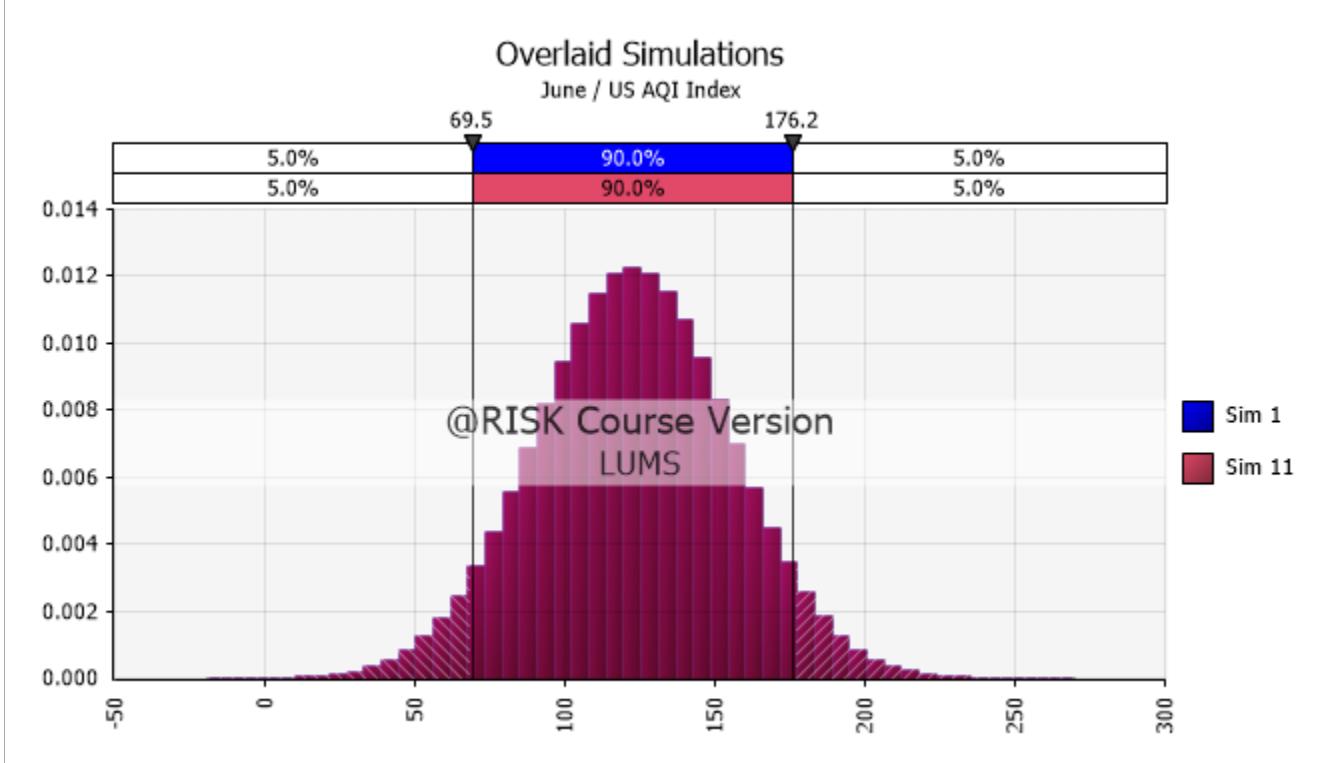
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



Summary Statistics for June / US AQI Index

| Statistic | Sim 1 | Sim 11 |
|----------------|--------|--------|
| Minimum | -19.15 | -19.15 |
| Maximum | 270.03 | 270.03 |
| Mean | 122.84 | 122.84 |
| Std. Deviation | 32.44 | 32.44 |
| Variance | 1,053 | 1,053 |
| Skewness | 0.0001 | 0.0001 |
| Kurtosis | 2.9998 | 2.9998 |
| Median | 122.84 | 122.84 |
| Mode | 123.25 | 123.25 |
| 1% | 47.36 | 47.36 |
| 2.5% | 59.25 | 59.25 |
| 5% | 69.47 | 69.47 |
| 10% | 81.26 | 81.26 |
| 20% | 95.53 | 95.53 |
| 25% | 100.96 | 100.96 |
| 50% | 122.84 | 122.84 |
| 75% | 144.72 | 144.72 |
| 80% | 150.14 | 150.14 |
| 90% | 164.42 | 164.42 |
| 95% | 176.20 | 176.20 |
| 97.5% | 186.43 | 186.43 |
| 99% | 198.31 | 198.31 |



July / In. - Simulation!D28

Report:

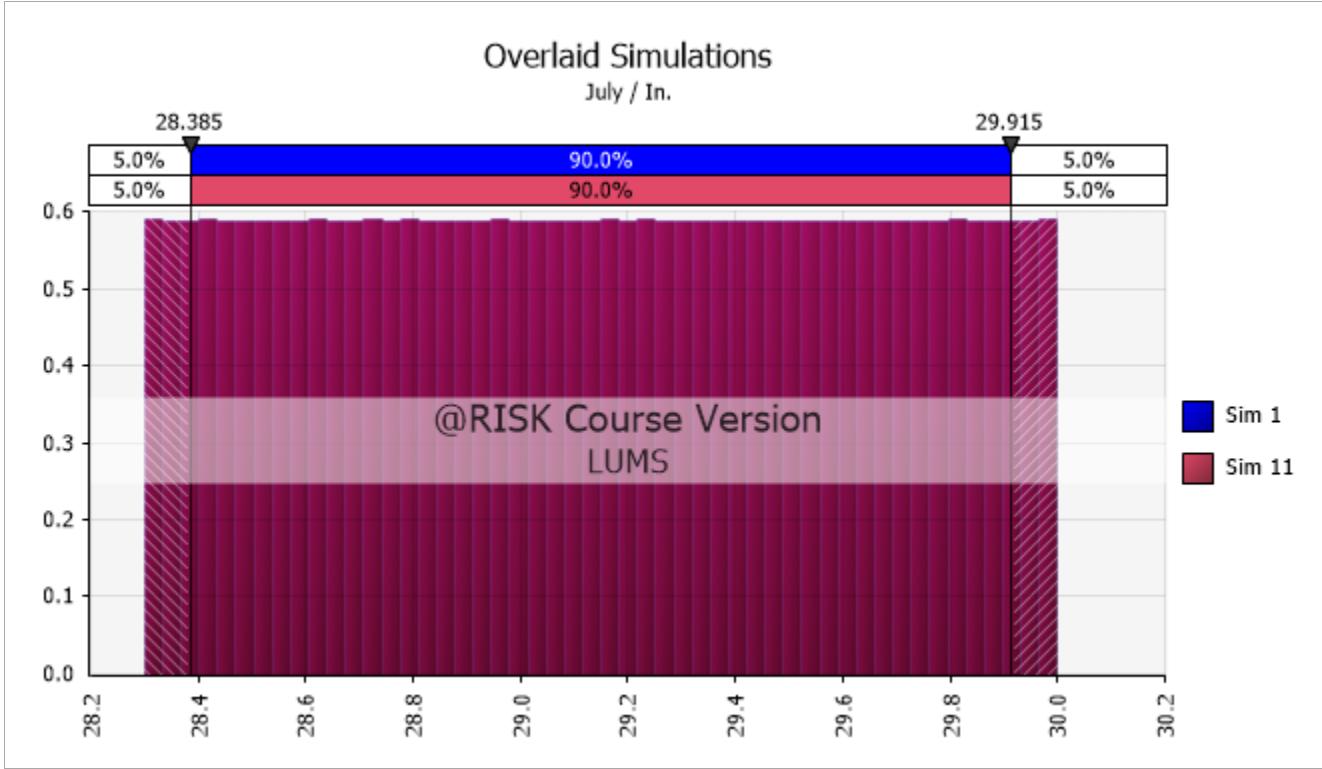
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



Summary Statistics for July / In.

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 28.3000 | 28.3000 |
| Maximum | 30.0000 | 30.0000 |
| Mean | 29.1500 | 29.1500 |
| Std. Deviation | 0.4908 | 0.4908 |
| Variance | 0.2408 | 0.2408 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 1.8000 | 1.8000 |
| Median | 29.1500 | 29.1500 |
| Mode | 29.2265 | 29.2265 |
| 1% | 28.3170 | 28.3170 |
| 2.5% | 28.3425 | 28.3425 |
| 5% | 28.3850 | 28.3850 |
| 10% | 28.4700 | 28.4700 |
| 20% | 28.6400 | 28.6400 |
| 25% | 28.7250 | 28.7250 |
| 50% | 29.1500 | 29.1500 |
| 75% | 29.5750 | 29.5750 |
| 80% | 29.6600 | 29.6600 |
| 90% | 29.8300 | 29.8300 |
| 95% | 29.9150 | 29.9150 |
| 97.5% | 29.9575 | 29.9575 |
| 99% | 29.9830 | 29.9830 |



July / mph - Simulation!E28

Report:

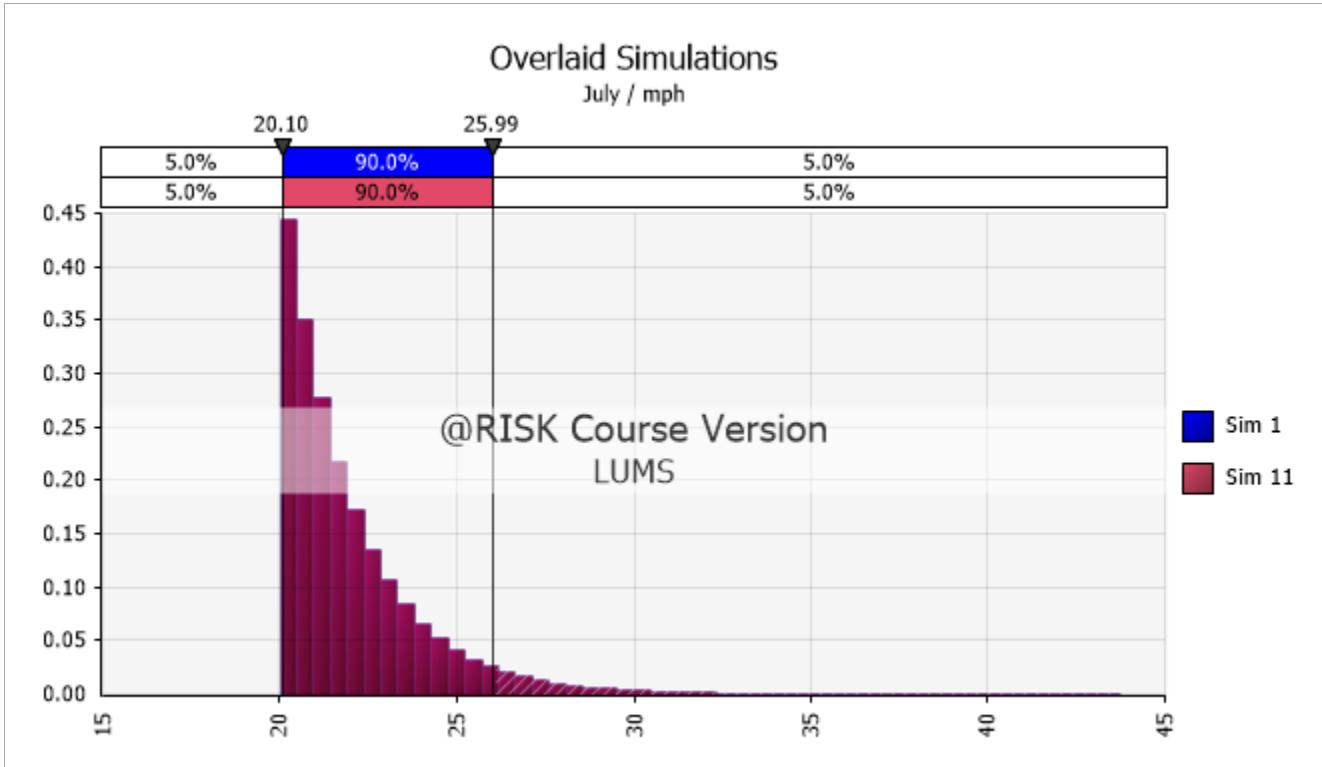
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



Summary Statistics for July / mph

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 20.0000 | 20.0000 |
| Maximum | 43.7765 | 43.7765 |
| Mean | 22.0000 | 22.0000 |
| Std. Deviation | 1.9998 | 1.9998 |
| Variance | 3.999 | 3.999 |
| Skewness | 1.9977 | 1.9977 |
| Kurtosis | 8.9575 | 8.9575 |
| Median | 21.3863 | 21.3863 |
| Mode | 20.0100 | 20.0100 |
| 1% | 20.0201 | 20.0201 |
| 2.5% | 20.0506 | 20.0506 |
| 5% | 20.1026 | 20.1026 |
| 10% | 20.2107 | 20.2107 |
| 20% | 20.4463 | 20.4463 |
| 25% | 20.5754 | 20.5754 |
| 50% | 21.3863 | 21.3863 |
| 75% | 22.7726 | 22.7726 |
| 80% | 23.2188 | 23.2188 |
| 90% | 24.6051 | 24.6051 |
| 95% | 25.9914 | 25.9914 |
| 97.5% | 27.3774 | 27.3774 |
| 99% | 29.2096 | 29.2096 |



July / °F - Simulation!F28

Report:

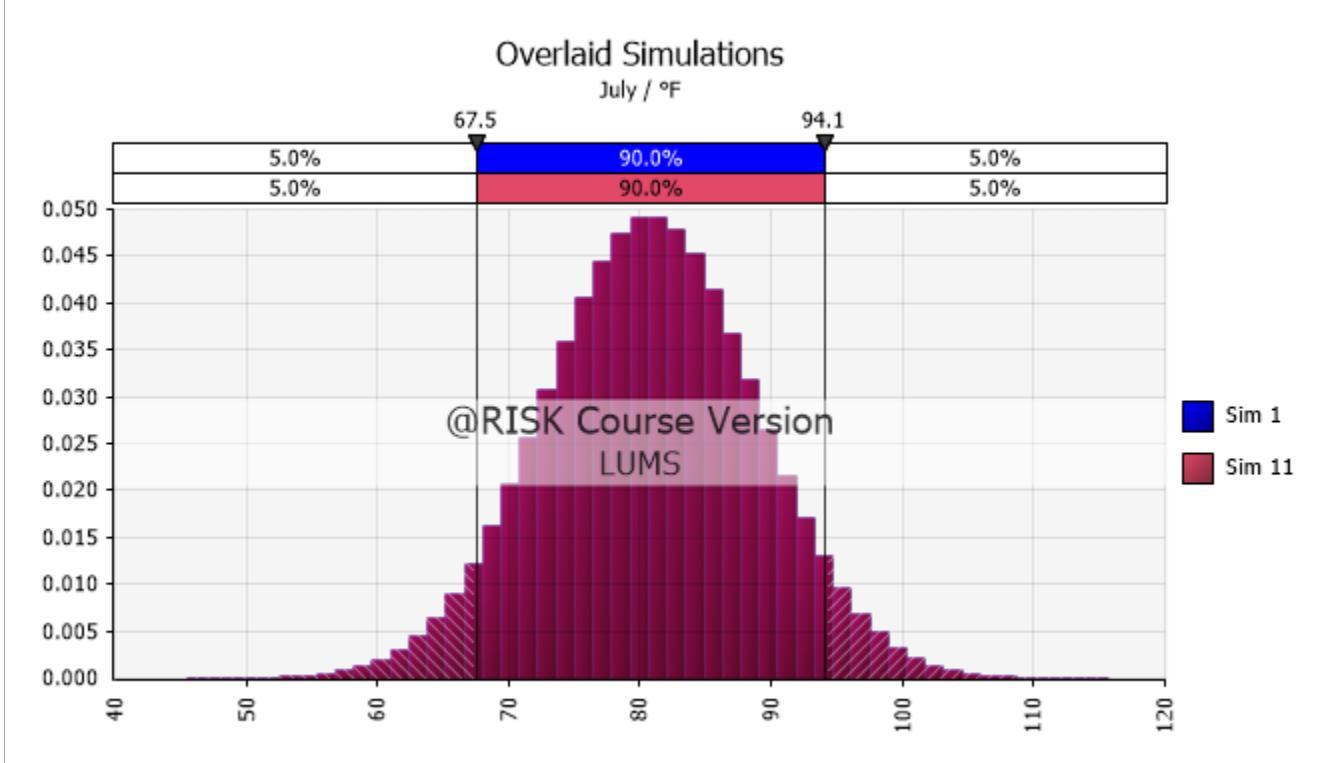
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



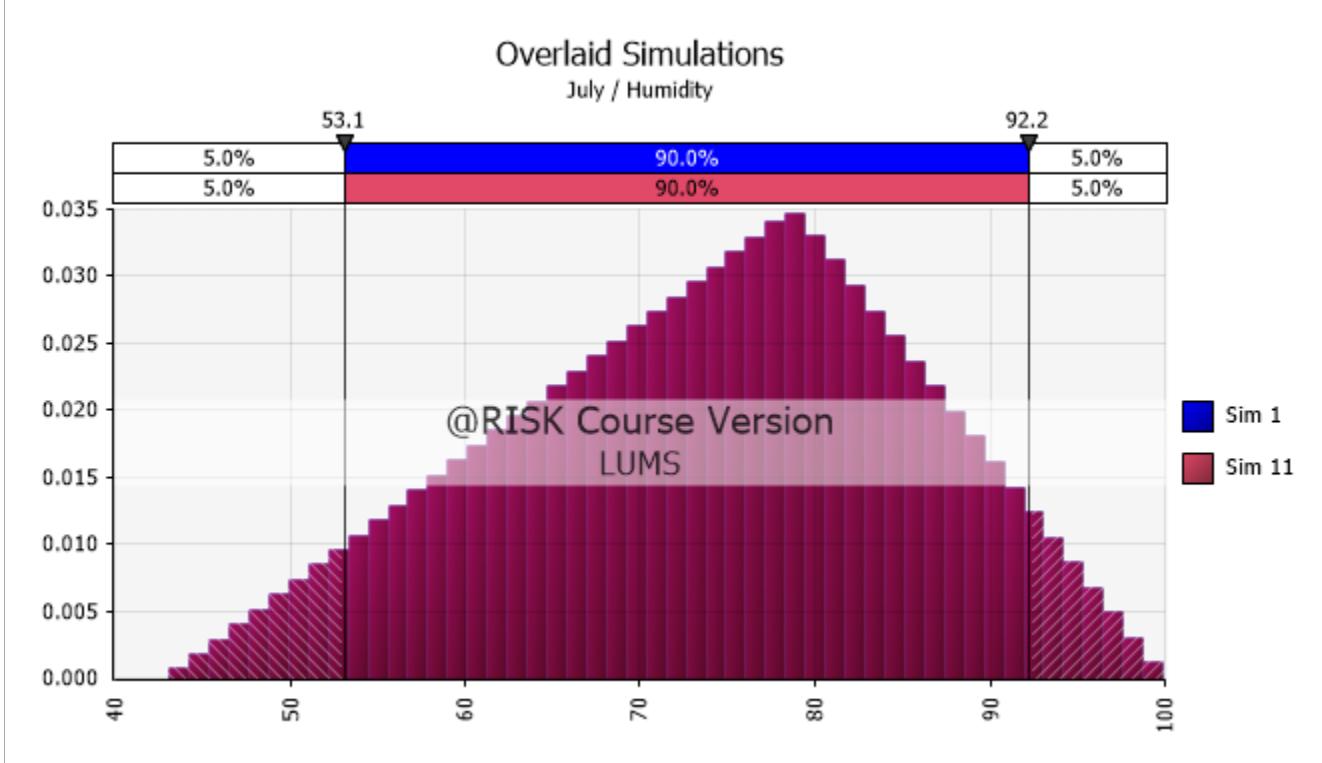
Summary Statistics for July / °F

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 45.516 | 45.516 |
| Maximum | 115.804 | 115.804 |
| Mean | 80.800 | 80.800 |
| Std. Deviation | 8.080 | 8.080 |
| Variance | 65.29 | 65.29 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 2.9995 | 2.9995 |
| Median | 80.800 | 80.800 |
| Mode | 80.699 | 80.699 |
| 1% | 62.001 | 62.001 |
| 2.5% | 64.963 | 64.963 |
| 5% | 67.509 | 67.509 |
| 10% | 70.445 | 70.445 |
| 20% | 74.000 | 74.000 |
| 25% | 75.350 | 75.350 |
| 50% | 80.800 | 80.800 |
| 75% | 86.250 | 86.250 |
| 80% | 87.600 | 87.600 |
| 90% | 91.155 | 91.155 |
| 95% | 94.090 | 94.090 |
| 97.5% | 96.636 | 96.636 |
| 99% | 99.597 | 99.597 |



July / Humidity - Simulation!G28

Report: Overlaid Simulations Report (Inputs)
Performed By: ahmedehtisham
Date: Friday, April 28, 2023



Summary Statistics for July / Humidity

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 43.112 | 43.112 |
| Maximum | 99.893 | 99.893 |
| Mean | 73.933 | 73.933 |
| Std. Deviation | 11.762 | 11.762 |
| Variance | 138.3 | 138.3 |
| Skewness | -0.2412 | -0.2412 |
| Kurtosis | 2.4000 | 2.4000 |
| Median | 74.942 | 74.942 |
| Mode | 78.712 | 78.712 |
| 1% | 47.517 | 47.517 |
| 2.5% | 50.142 | 50.142 |
| 5% | 53.100 | 53.100 |
| 10% | 57.284 | 57.284 |
| 20% | 63.202 | 63.202 |
| 25% | 65.586 | 65.586 |
| 50% | 74.942 | 74.942 |
| 75% | 82.619 | 82.619 |
| 80% | 84.454 | 84.454 |
| 90% | 89.007 | 89.007 |
| 95% | 92.227 | 92.227 |
| 97.5% | 94.503 | 94.503 |
| 99% | 96.523 | 96.523 |



July / US AQI Index - Simulation!S28

Report:

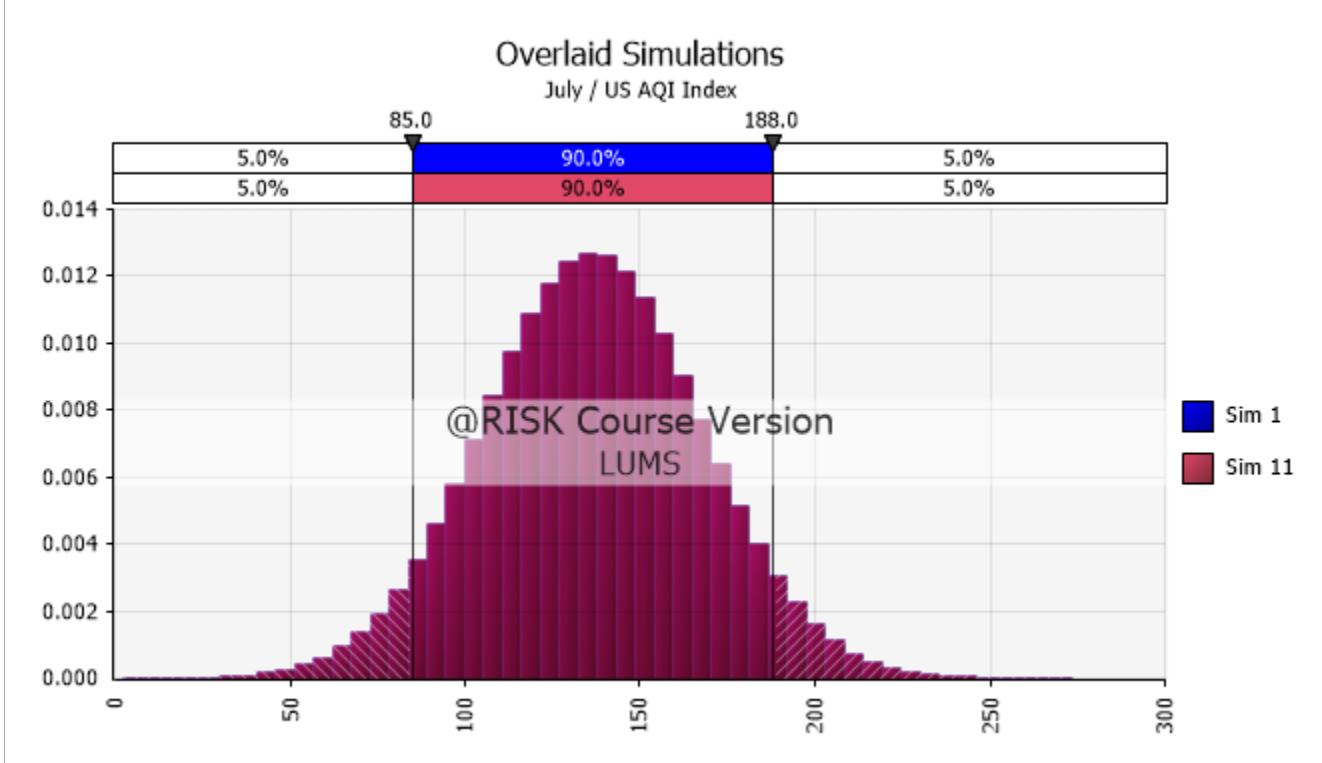
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

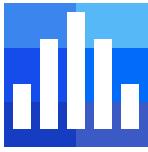
Date:

Friday, April 28, 2023



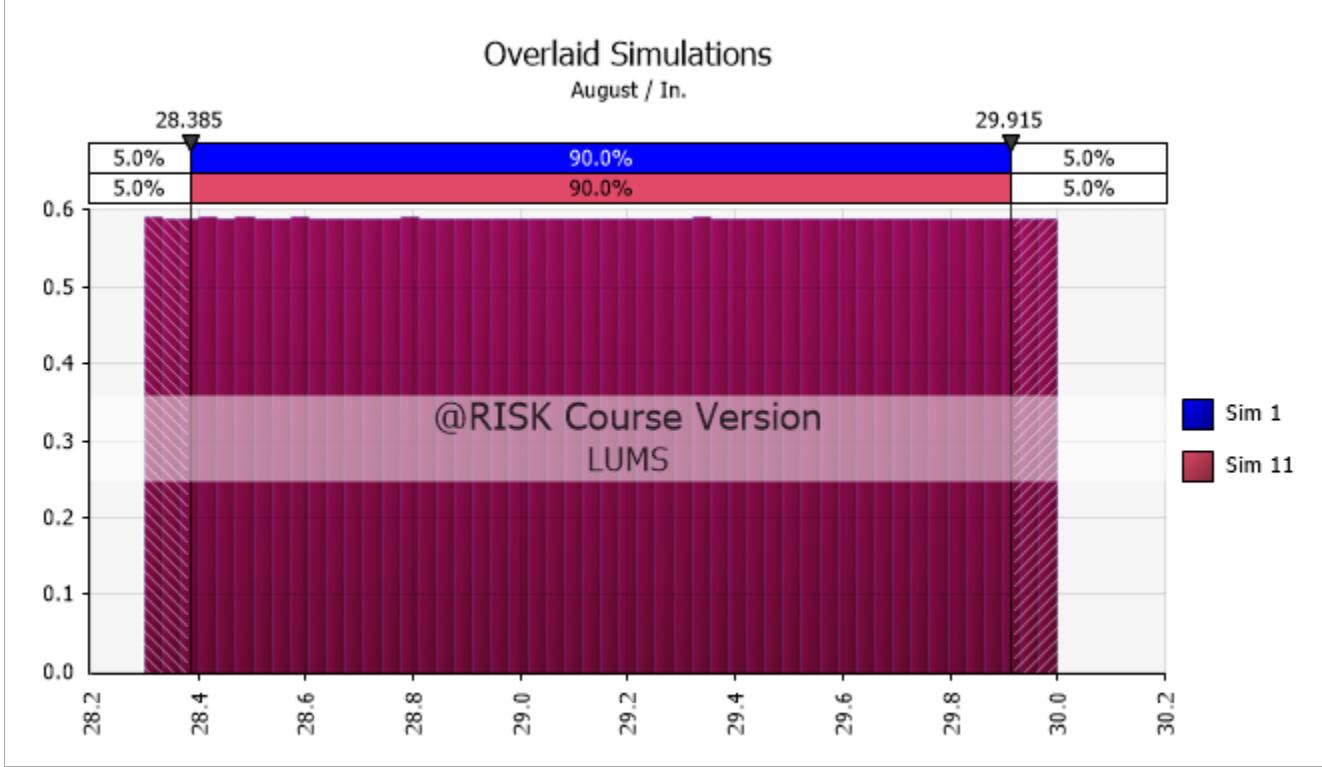
Summary Statistics for July / US AQI Index

| Statistic | Sim 1 | Sim 11 |
|----------------|--------|--------|
| Minimum | 2.37 | 2.37 |
| Maximum | 273.54 | 273.54 |
| Mean | 136.50 | 136.50 |
| Std. Deviation | 31.32 | 31.32 |
| Variance | 981.0 | 981.0 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 2.9994 | 2.9994 |
| Median | 136.50 | 136.50 |
| Mode | 136.11 | 136.11 |
| 1% | 63.64 | 63.64 |
| 2.5% | 75.11 | 75.11 |
| 5% | 84.98 | 84.98 |
| 10% | 96.36 | 96.36 |
| 20% | 110.14 | 110.14 |
| 25% | 115.37 | 115.37 |
| 50% | 136.50 | 136.50 |
| 75% | 157.63 | 157.63 |
| 80% | 162.86 | 162.86 |
| 90% | 176.64 | 176.64 |
| 95% | 188.02 | 188.02 |
| 97.5% | 197.89 | 197.89 |
| 99% | 209.36 | 209.36 |



August / In. - Simulation!D29

Report: Overlaid Simulations Report (Inputs)
Performed By: ahmedehtisham
Date: Friday, April 28, 2023



Summary Statistics for August / In.

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 28.3000 | 28.3000 |
| Maximum | 30.0000 | 30.0000 |
| Mean | 29.1500 | 29.1500 |
| Std. Deviation | 0.4908 | 0.4908 |
| Variance | 0.2408 | 0.2408 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 1.8000 | 1.8000 |
| Median | 29.1500 | 29.1500 |
| Mode | 29.7705 | 29.7705 |
| 1% | 28.3170 | 28.3170 |
| 2.5% | 28.3425 | 28.3425 |
| 5% | 28.3850 | 28.3850 |
| 10% | 28.4700 | 28.4700 |
| 20% | 28.6400 | 28.6400 |
| 25% | 28.7250 | 28.7250 |
| 50% | 29.1500 | 29.1500 |
| 75% | 29.5750 | 29.5750 |
| 80% | 29.6600 | 29.6600 |
| 90% | 29.8300 | 29.8300 |
| 95% | 29.9150 | 29.9150 |
| 97.5% | 29.9575 | 29.9575 |
| 99% | 29.9830 | 29.9830 |



August / mph - Simulation!E29

Report:

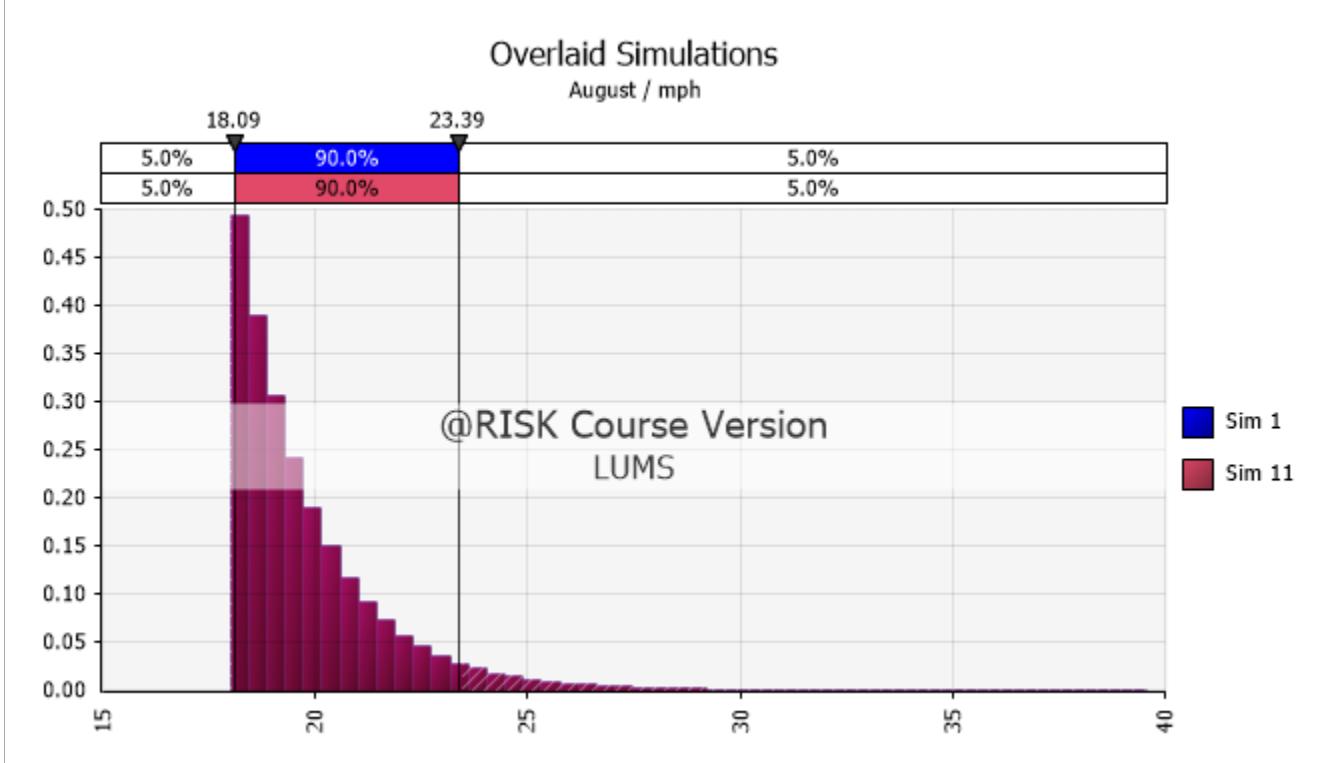
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



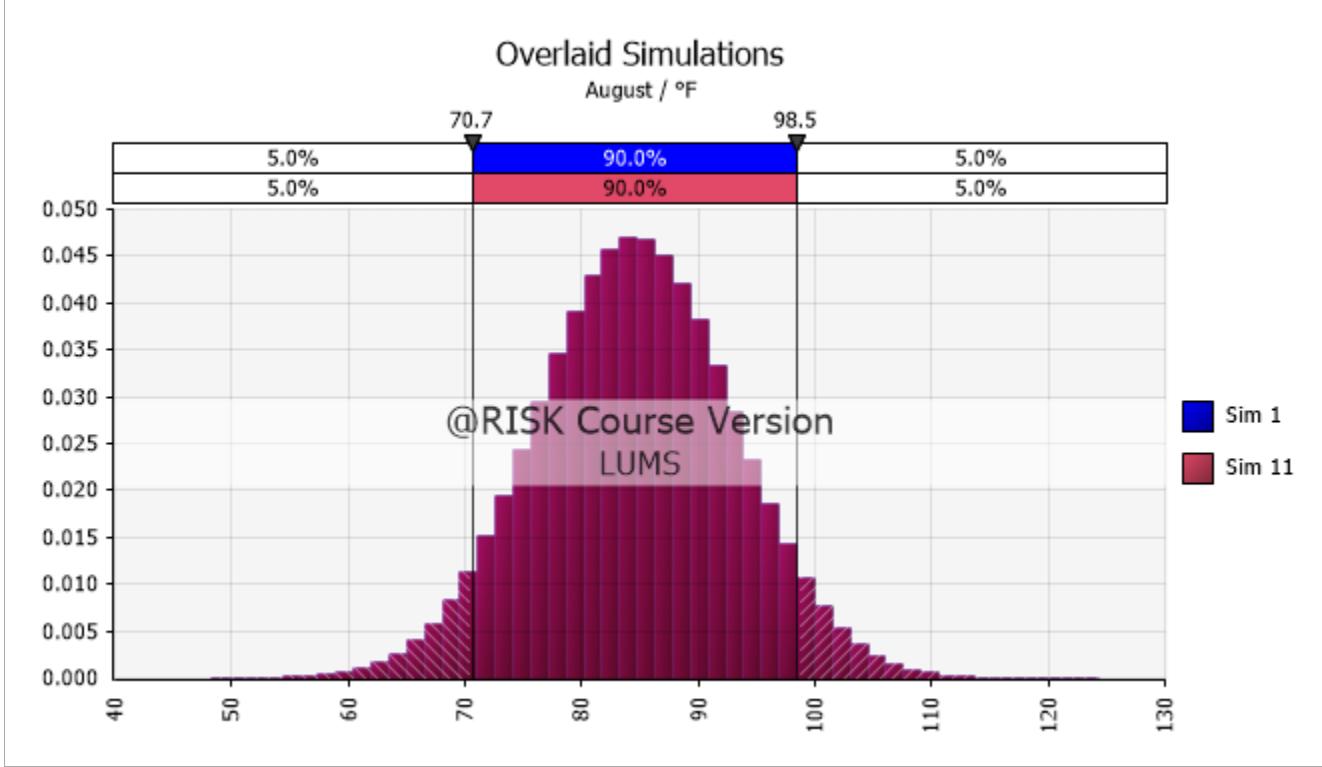
Summary Statistics for August / mph

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 18.0000 | 18.0000 |
| Maximum | 39.5534 | 39.5534 |
| Mean | 19.8000 | 19.8000 |
| Std. Deviation | 1.8000 | 1.8000 |
| Variance | 3.240 | 3.240 |
| Skewness | 1.9992 | 1.9992 |
| Kurtosis | 8.9809 | 8.9809 |
| Median | 19.2477 | 19.2477 |
| Mode | 18.0090 | 18.0090 |
| 1% | 18.0181 | 18.0181 |
| 2.5% | 18.0456 | 18.0456 |
| 5% | 18.0923 | 18.0923 |
| 10% | 18.1896 | 18.1896 |
| 20% | 18.4017 | 18.4017 |
| 25% | 18.5178 | 18.5178 |
| 50% | 19.2477 | 19.2477 |
| 75% | 20.4953 | 20.4953 |
| 80% | 20.8969 | 20.8969 |
| 90% | 22.1445 | 22.1445 |
| 95% | 23.3920 | 23.3920 |
| 97.5% | 24.6393 | 24.6393 |
| 99% | 26.2890 | 26.2890 |



August / °F - Simulation!F29

Report: Overlaid Simulations Report (Inputs)
Performed By: ahmedehtisham
Date: Friday, April 28, 2023



Summary Statistics for August / °F

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 48.247 | 48.247 |
| Maximum | 124.340 | 124.340 |
| Mean | 84.600 | 84.600 |
| Std. Deviation | 8.460 | 8.460 |
| Variance | 71.57 | 71.57 |
| Skewness | 0.0002 | 0.0002 |
| Kurtosis | 3.0004 | 3.0004 |
| Median | 84.600 | 84.600 |
| Mode | 84.706 | 84.706 |
| 1% | 64.916 | 64.916 |
| 2.5% | 68.018 | 68.018 |
| 5% | 70.684 | 70.684 |
| 10% | 73.758 | 73.758 |
| 20% | 77.480 | 77.480 |
| 25% | 78.894 | 78.894 |
| 50% | 84.600 | 84.600 |
| 75% | 90.306 | 90.306 |
| 80% | 91.720 | 91.720 |
| 90% | 95.442 | 95.442 |
| 95% | 98.515 | 98.515 |
| 97.5% | 101.181 | 101.181 |
| 99% | 104.280 | 104.280 |



August / Humidity - Simulation!G29

Report:

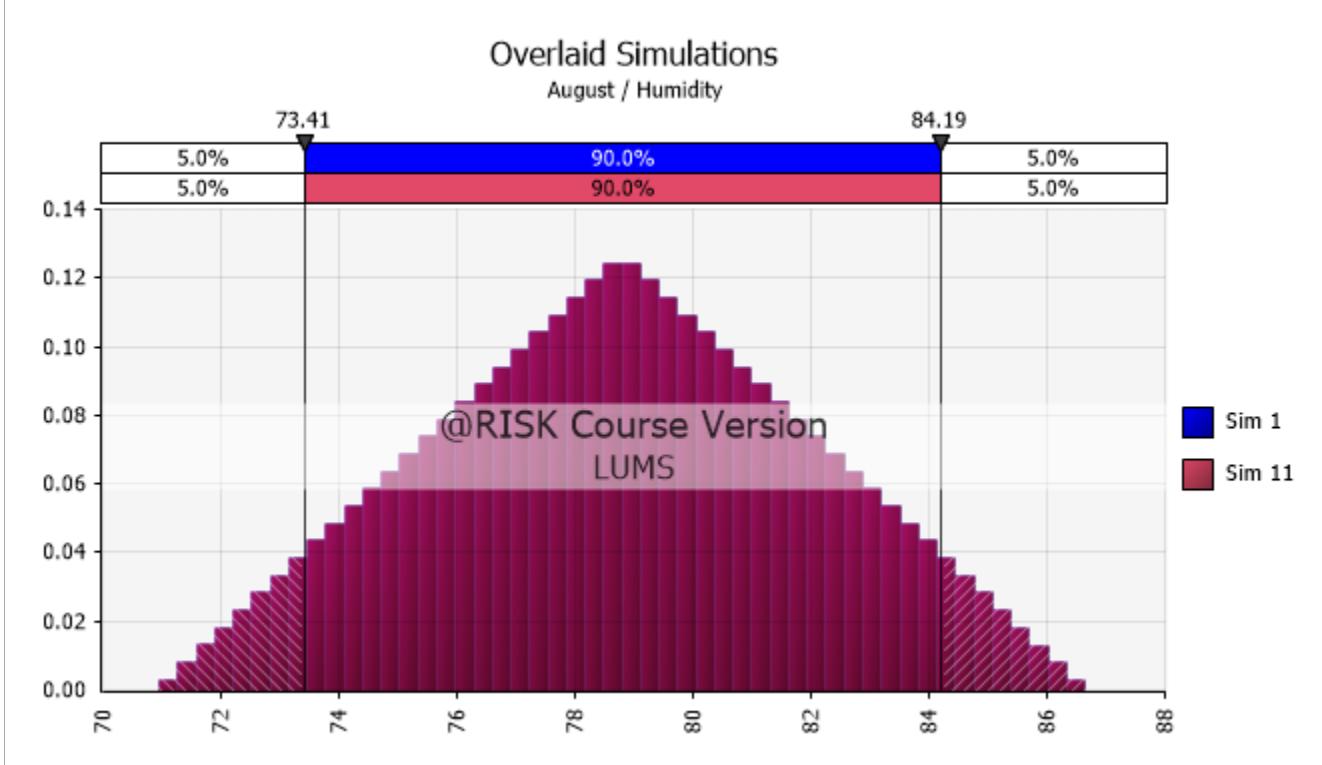
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



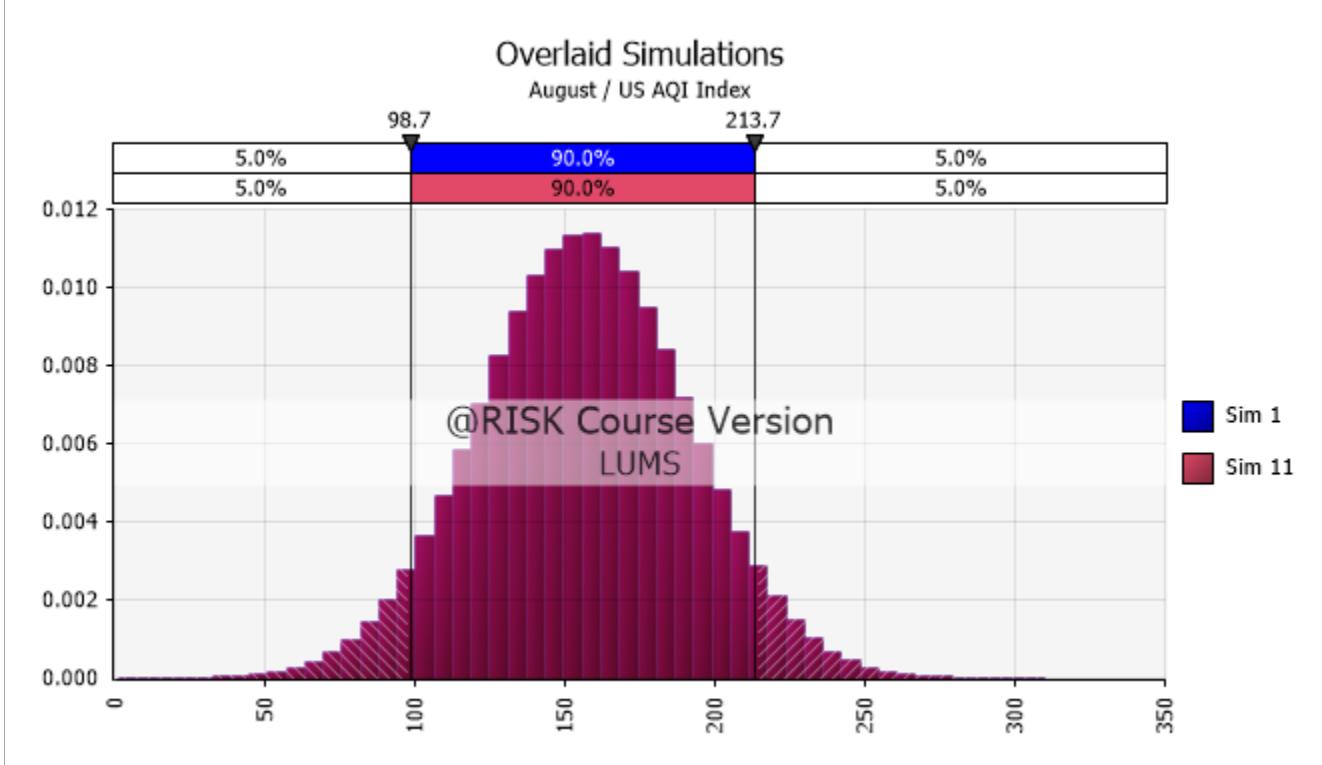
Summary Statistics for August / Humidity

| Statistic | Sim 1 | Sim 11 |
|----------------|--------|--------|
| Minimum | 70.953 | 70.953 |
| Maximum | 86.649 | 86.649 |
| Mean | 78.800 | 78.800 |
| Std. Deviation | 3.217 | 3.217 |
| Variance | 10.35 | 10.35 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 2.4000 | 2.4000 |
| Median | 78.800 | 78.800 |
| Mode | 78.840 | 78.840 |
| 1% | 72.034 | 72.034 |
| 2.5% | 72.682 | 72.682 |
| 5% | 73.412 | 73.412 |
| 10% | 74.444 | 74.444 |
| 20% | 75.904 | 75.904 |
| 25% | 76.492 | 76.492 |
| 50% | 78.800 | 78.800 |
| 75% | 81.108 | 81.108 |
| 80% | 81.696 | 81.696 |
| 90% | 83.156 | 83.156 |
| 95% | 84.188 | 84.188 |
| 97.5% | 84.918 | 84.918 |
| 99% | 85.566 | 85.566 |



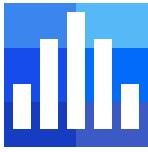
August / US AQI Index - Simulation!S29

Report: Overlaid Simulations Report (Inputs)
Performed By: ahmedehtisham
Date: Friday, April 28, 2023



Summary Statistics for August / US AQI Index

| Statistic | Sim 1 | Sim 11 |
|----------------|--------|--------|
| Minimum | 1.55 | 1.55 |
| Maximum | 310.09 | 310.09 |
| Mean | 156.18 | 156.18 |
| Std. Deviation | 34.95 | 34.95 |
| Variance | 1,221 | 1,221 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 2.9996 | 2.9996 |
| Median | 156.18 | 156.18 |
| Mode | 156.62 | 156.62 |
| 1% | 74.86 | 74.86 |
| 2.5% | 87.68 | 87.68 |
| 5% | 98.69 | 98.69 |
| 10% | 111.39 | 111.39 |
| 20% | 126.77 | 126.77 |
| 25% | 132.61 | 132.61 |
| 50% | 156.18 | 156.18 |
| 75% | 179.75 | 179.75 |
| 80% | 185.59 | 185.59 |
| 90% | 200.97 | 200.97 |
| 95% | 213.66 | 213.66 |
| 97.5% | 224.67 | 224.67 |
| 99% | 237.47 | 237.47 |



September / In. - Simulation!D30

Report:

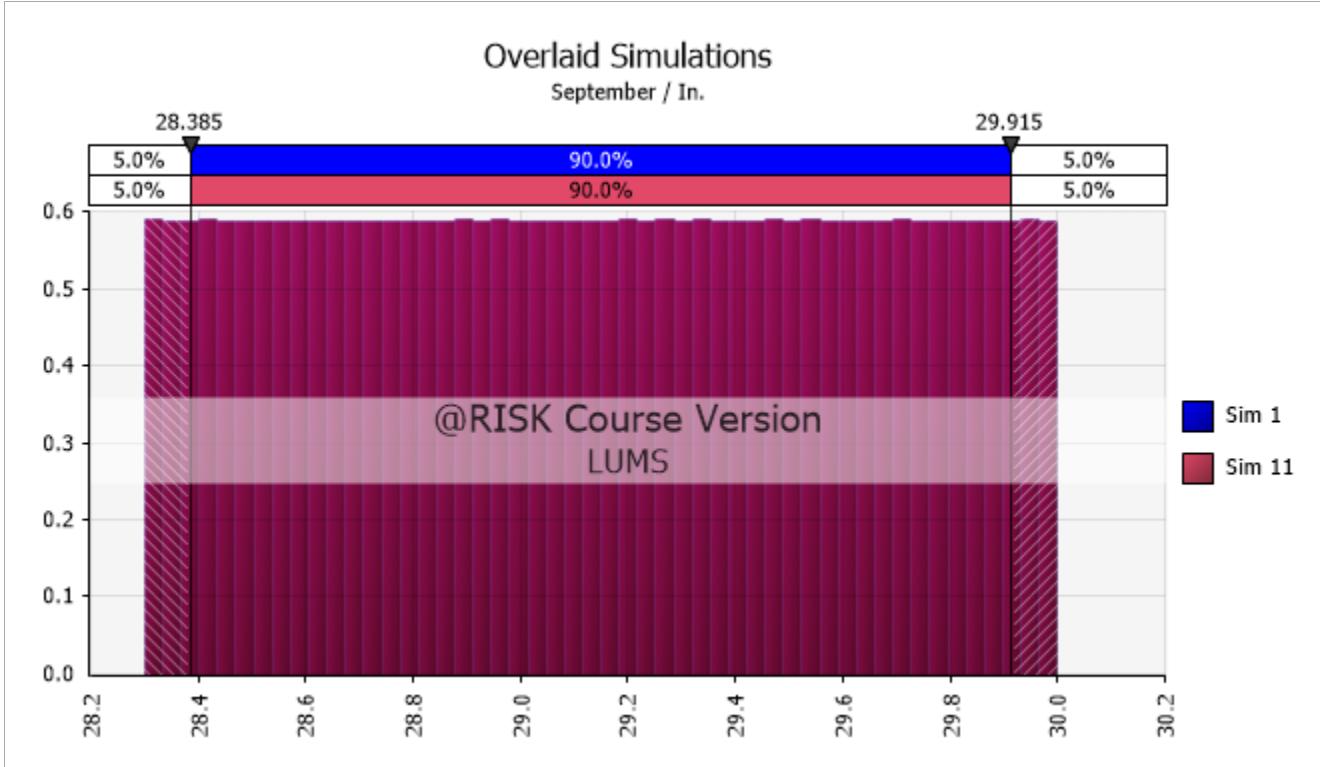
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



Summary Statistics for September / In.

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 28.3000 | 28.3000 |
| Maximum | 30.0000 | 30.0000 |
| Mean | 29.1500 | 29.1500 |
| Std. Deviation | 0.4908 | 0.4908 |
| Variance | 0.2408 | 0.2408 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 1.8000 | 1.8000 |
| Median | 29.1500 | 29.1500 |
| Mode | 29.9575 | 29.9575 |
| 1% | 28.3170 | 28.3170 |
| 2.5% | 28.3425 | 28.3425 |
| 5% | 28.3850 | 28.3850 |
| 10% | 28.4700 | 28.4700 |
| 20% | 28.6400 | 28.6400 |
| 25% | 28.7250 | 28.7250 |
| 50% | 29.1500 | 29.1500 |
| 75% | 29.5750 | 29.5750 |
| 80% | 29.6600 | 29.6600 |
| 90% | 29.8300 | 29.8300 |
| 95% | 29.9150 | 29.9150 |
| 97.5% | 29.9575 | 29.9575 |
| 99% | 29.9830 | 29.9830 |



September / mph - Simulation!E30

Report:

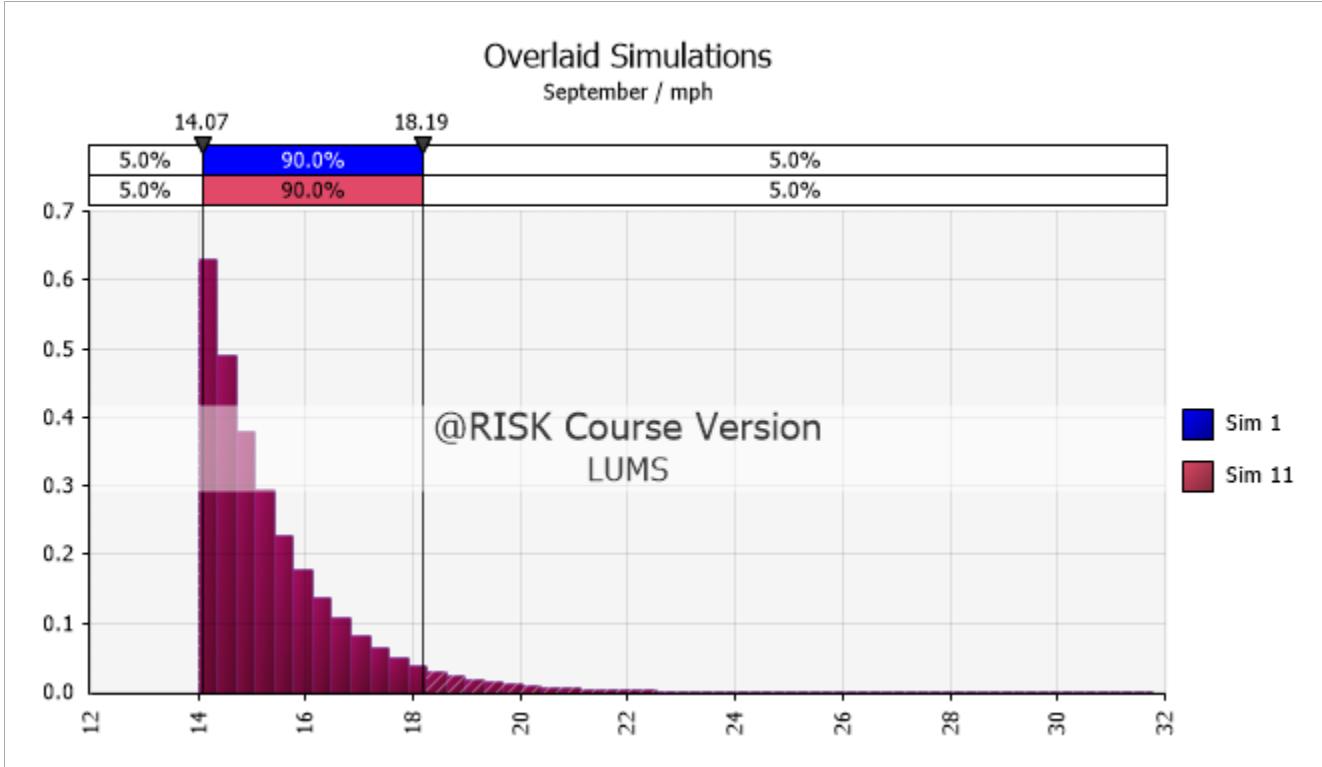
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



Summary Statistics for September / mph

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 14.0000 | 14.0000 |
| Maximum | 31.7704 | 31.7704 |
| Mean | 15.4000 | 15.4000 |
| Std. Deviation | 1.4000 | 1.4000 |
| Variance | 1.960 | 1.960 |
| Skewness | 2.0006 | 2.0006 |
| Kurtosis | 9.0067 | 9.0067 |
| Median | 14.9704 | 14.9704 |
| Mode | 14.0070 | 14.0070 |
| 1% | 14.0141 | 14.0141 |
| 2.5% | 14.0354 | 14.0354 |
| 5% | 14.0718 | 14.0718 |
| 10% | 14.1475 | 14.1475 |
| 20% | 14.3124 | 14.3124 |
| 25% | 14.4027 | 14.4027 |
| 50% | 14.9704 | 14.9704 |
| 75% | 15.9408 | 15.9408 |
| 80% | 16.2532 | 16.2532 |
| 90% | 17.2236 | 17.2236 |
| 95% | 18.1938 | 18.1938 |
| 97.5% | 19.1642 | 19.1642 |
| 99% | 20.4472 | 20.4472 |



September / °F - Simulation!F30

Report:

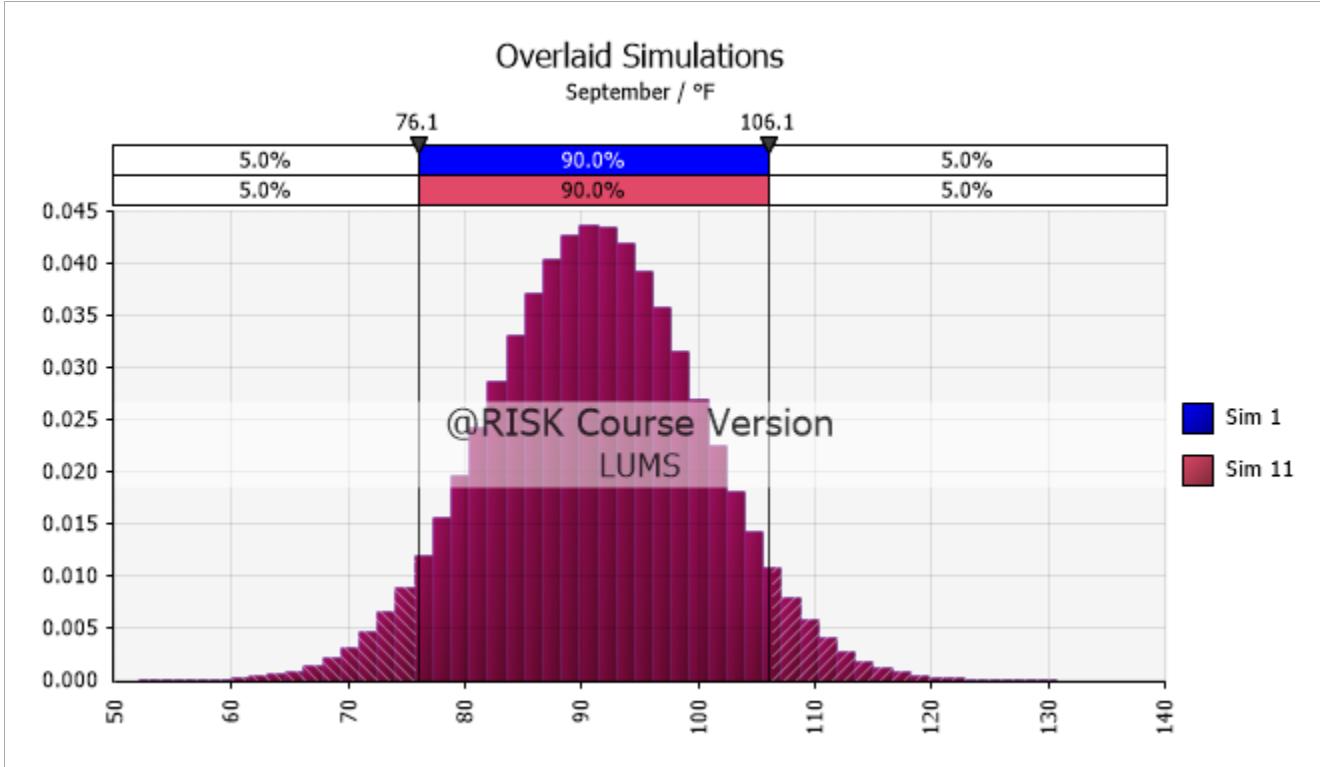
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



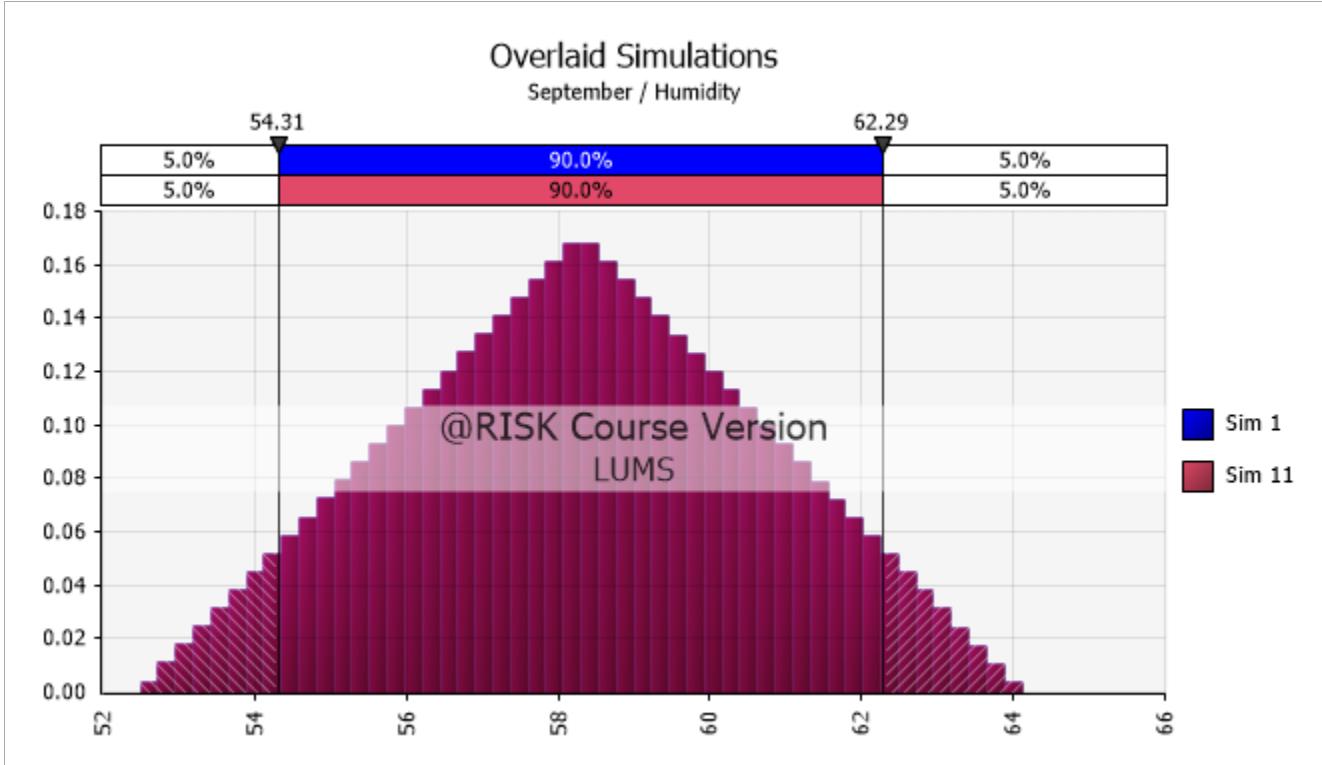
Summary Statistics for September / °F

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 51.995 | 51.995 |
| Maximum | 130.806 | 130.806 |
| Mean | 91.100 | 91.100 |
| Std. Deviation | 9.110 | 9.110 |
| Variance | 82.99 | 82.99 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 2.9992 | 2.9992 |
| Median | 91.100 | 91.100 |
| Mode | 91.214 | 91.214 |
| 1% | 69.905 | 69.905 |
| 2.5% | 73.244 | 73.244 |
| 5% | 76.115 | 76.115 |
| 10% | 79.425 | 79.425 |
| 20% | 83.433 | 83.433 |
| 25% | 84.955 | 84.955 |
| 50% | 91.100 | 91.100 |
| 75% | 97.244 | 97.244 |
| 80% | 98.767 | 98.767 |
| 90% | 102.774 | 102.774 |
| 95% | 106.084 | 106.084 |
| 97.5% | 108.955 | 108.955 |
| 99% | 112.291 | 112.291 |



September / Humidity - Simulation!G30

Report: Overlaid Simulations Report (Inputs)
Performed By: ahmedehtisham
Date: Friday, April 28, 2023



Summary Statistics for September / Humidity

| Statistic | Sim 1 | Sim 11 |
|----------------|--------|--------|
| Minimum | 52.491 | 52.491 |
| Maximum | 64.115 | 64.115 |
| Mean | 58.300 | 58.300 |
| Std. Deviation | 2.380 | 2.380 |
| Variance | 5.665 | 5.665 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 2.4000 | 2.4000 |
| Median | 58.300 | 58.300 |
| Mode | 58.329 | 58.329 |
| 1% | 53.294 | 53.294 |
| 2.5% | 53.774 | 53.774 |
| 5% | 54.313 | 54.313 |
| 10% | 55.077 | 55.077 |
| 20% | 56.157 | 56.157 |
| 25% | 56.592 | 56.592 |
| 50% | 58.300 | 58.300 |
| 75% | 60.008 | 60.008 |
| 80% | 60.443 | 60.443 |
| 90% | 61.523 | 61.523 |
| 95% | 62.286 | 62.286 |
| 97.5% | 62.826 | 62.826 |
| 99% | 63.305 | 63.305 |



September / US AQI Index - Simulation!S30

Report:

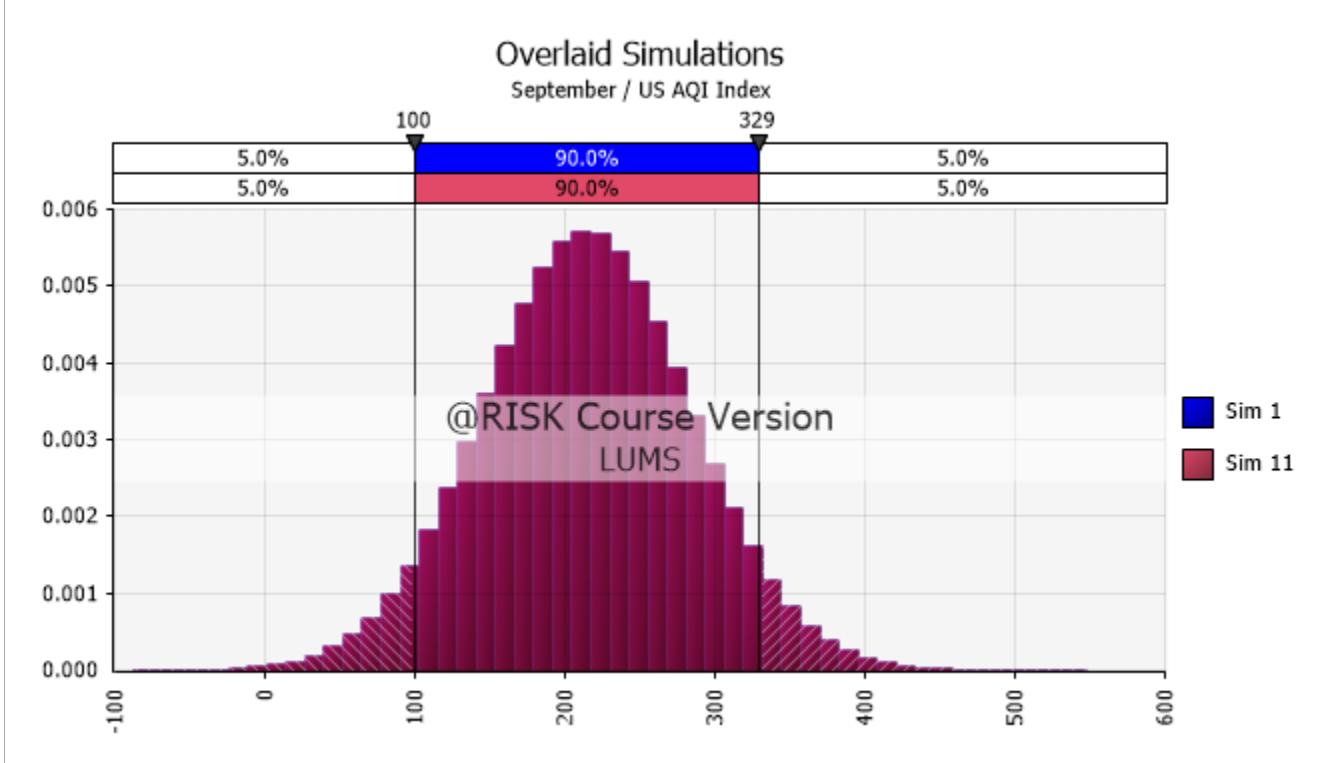
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



Summary Statistics for September / US AQI Index

| Statistic | Sim 1 | Sim 11 |
|----------------|--------|--------|
| Minimum | -88.08 | -88.08 |
| Maximum | 548.20 | 548.20 |
| Mean | 214.52 | 214.52 |
| Std. Deviation | 69.60 | 69.60 |
| Variance | 4,844 | 4,844 |
| Skewness | 0.0003 | 0.0003 |
| Kurtosis | 3.0006 | 3.0006 |
| Median | 214.52 | 214.52 |
| Mode | 217.13 | 217.13 |
| 1% | 52.60 | 52.60 |
| 2.5% | 78.10 | 78.10 |
| 5% | 100.03 | 100.03 |
| 10% | 125.32 | 125.32 |
| 20% | 155.94 | 155.94 |
| 25% | 167.57 | 167.57 |
| 50% | 214.52 | 214.52 |
| 75% | 261.46 | 261.46 |
| 80% | 273.09 | 273.09 |
| 90% | 303.71 | 303.71 |
| 95% | 328.99 | 328.99 |
| 97.5% | 350.92 | 350.92 |
| 99% | 376.42 | 376.42 |



October / In. - Simulation!D31

Report:

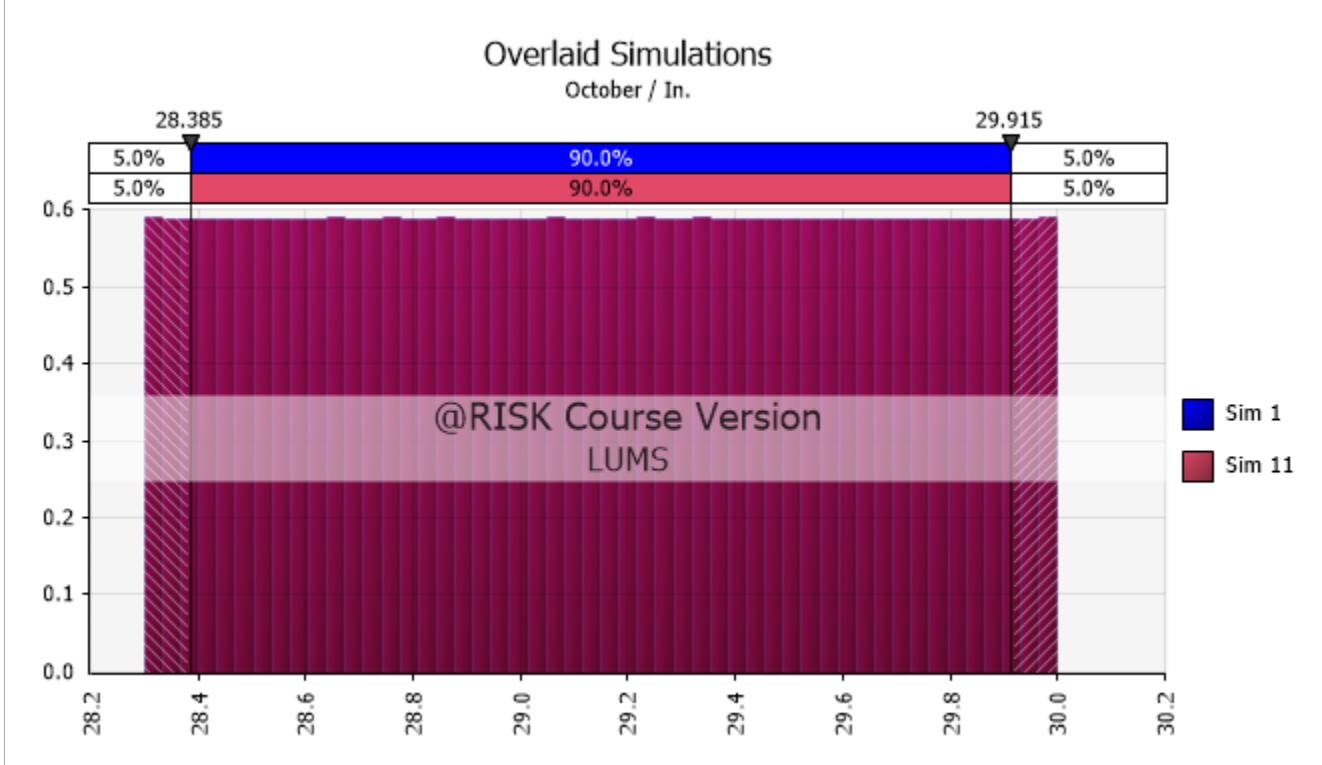
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



Summary Statistics for October / In.

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 28.3000 | 28.3000 |
| Maximum | 30.0000 | 30.0000 |
| Mean | 29.1500 | 29.1500 |
| Std. Deviation | 0.4908 | 0.4908 |
| Variance | 0.2408 | 0.2408 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 1.8000 | 1.8000 |
| Median | 29.1500 | 29.1500 |
| Mode | 29.0735 | 29.0735 |
| 1% | 28.3170 | 28.3170 |
| 2.5% | 28.3425 | 28.3425 |
| 5% | 28.3850 | 28.3850 |
| 10% | 28.4700 | 28.4700 |
| 20% | 28.6400 | 28.6400 |
| 25% | 28.7250 | 28.7250 |
| 50% | 29.1500 | 29.1500 |
| 75% | 29.5750 | 29.5750 |
| 80% | 29.6600 | 29.6600 |
| 90% | 29.8300 | 29.8300 |
| 95% | 29.9150 | 29.9150 |
| 97.5% | 29.9575 | 29.9575 |
| 99% | 29.9830 | 29.9830 |



October / mph - Simulation!E31

Report:

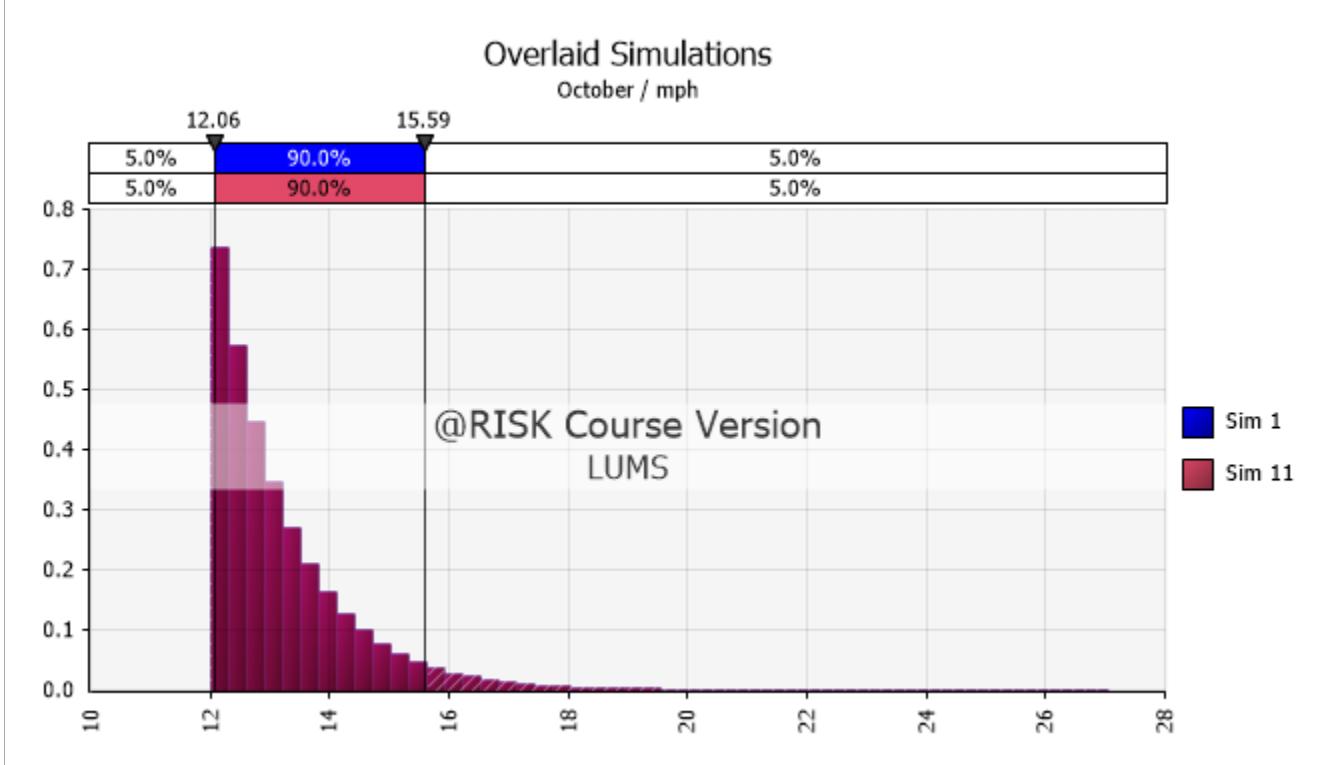
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



Summary Statistics for October / mph

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 12.0000 | 12.0000 |
| Maximum | 27.0736 | 27.0736 |
| Mean | 13.2000 | 13.2000 |
| Std. Deviation | 1.2000 | 1.2000 |
| Variance | 1.440 | 1.440 |
| Skewness | 1.9996 | 1.9996 |
| Kurtosis | 8.9911 | 8.9911 |
| Median | 12.8318 | 12.8318 |
| Mode | 12.0060 | 12.0060 |
| 1% | 12.0121 | 12.0121 |
| 2.5% | 12.0304 | 12.0304 |
| 5% | 12.0615 | 12.0615 |
| 10% | 12.1264 | 12.1264 |
| 20% | 12.2678 | 12.2678 |
| 25% | 12.3452 | 12.3452 |
| 50% | 12.8318 | 12.8318 |
| 75% | 13.6636 | 13.6636 |
| 80% | 13.9313 | 13.9313 |
| 90% | 14.7630 | 14.7630 |
| 95% | 15.5948 | 15.5948 |
| 97.5% | 16.4263 | 16.4263 |
| 99% | 17.5262 | 17.5262 |



October / °F - Simulation!F31

Report:

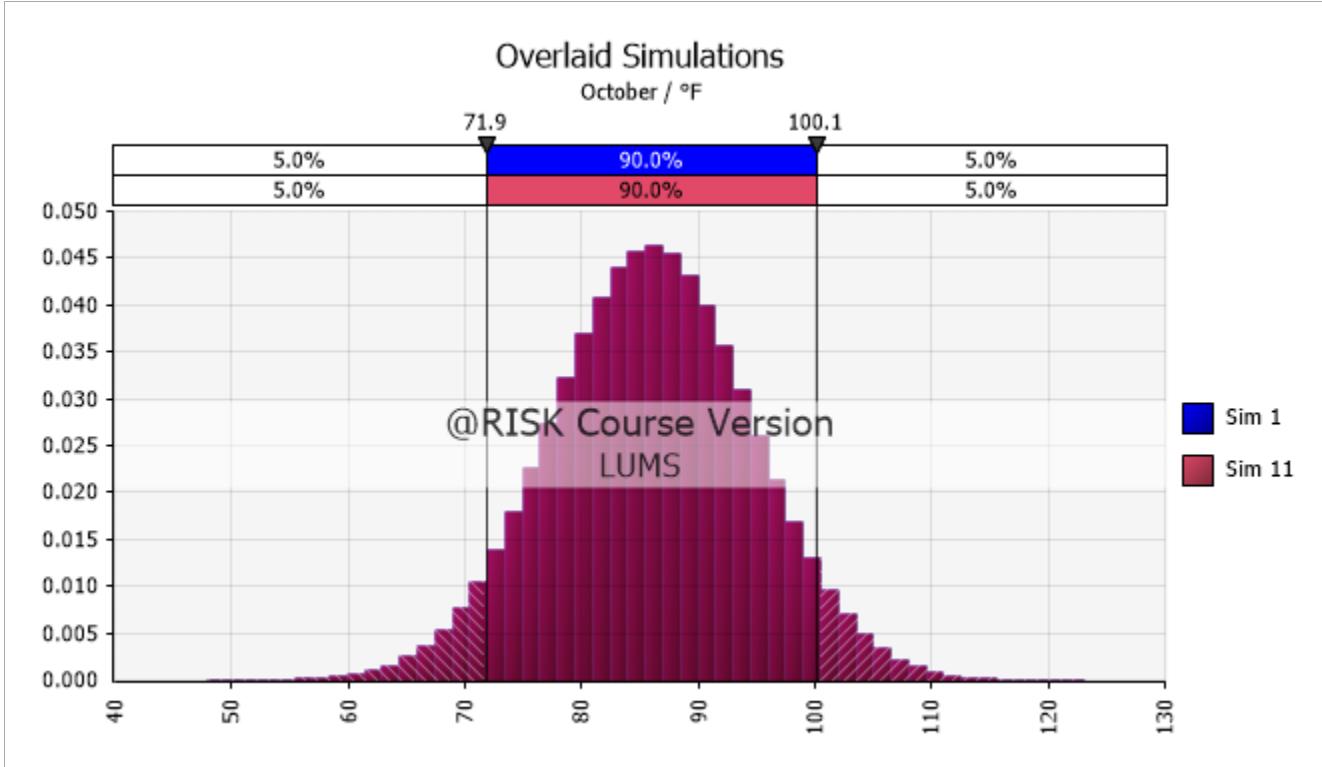
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



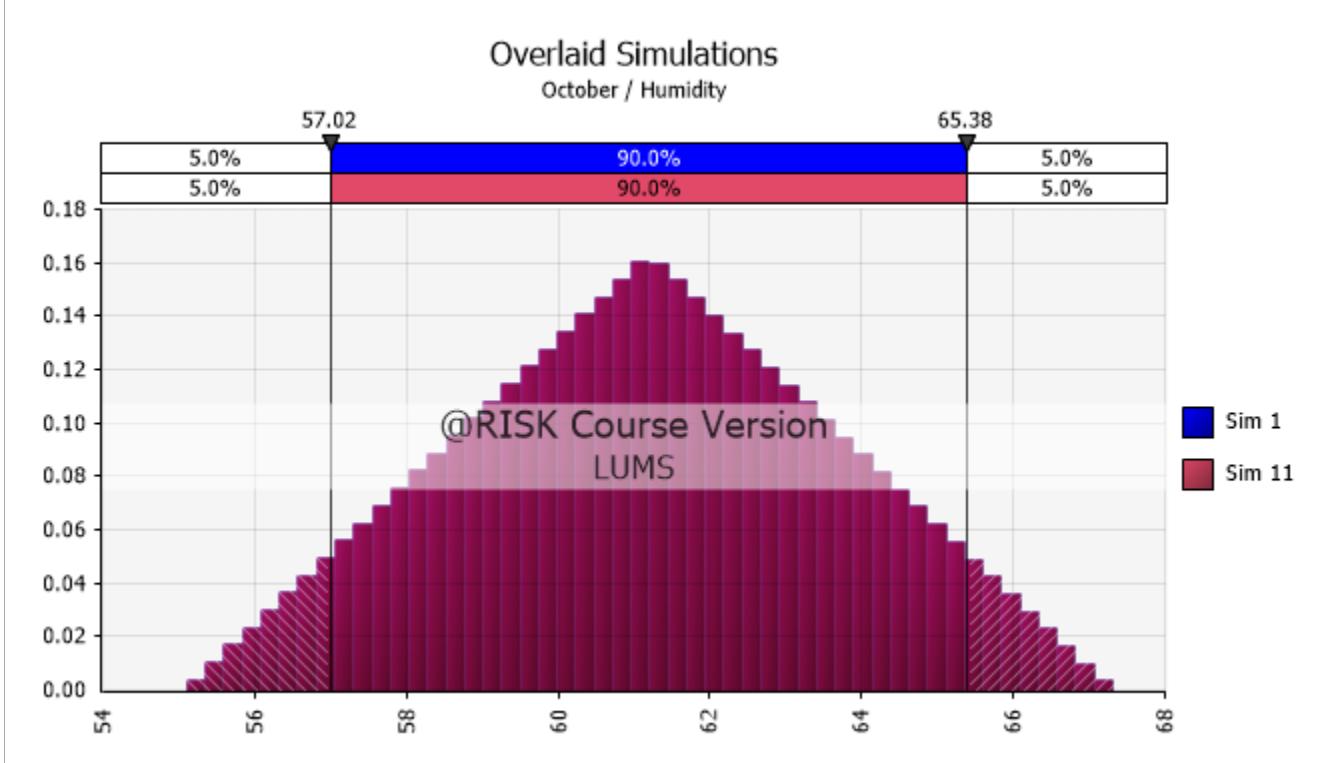
Summary Statistics for October / °F

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 47.832 | 47.832 |
| Maximum | 123.083 | 123.083 |
| Mean | 86.000 | 86.000 |
| Std. Deviation | 8.600 | 8.600 |
| Variance | 73.96 | 73.96 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 2.9994 | 2.9994 |
| Median | 86.000 | 86.000 |
| Mode | 86.108 | 86.108 |
| 1% | 65.992 | 65.992 |
| 2.5% | 69.144 | 69.144 |
| 5% | 71.854 | 71.854 |
| 10% | 74.979 | 74.979 |
| 20% | 78.762 | 78.762 |
| 25% | 80.199 | 80.199 |
| 50% | 86.000 | 86.000 |
| 75% | 91.800 | 91.800 |
| 80% | 93.238 | 93.238 |
| 90% | 97.021 | 97.021 |
| 95% | 100.145 | 100.145 |
| 97.5% | 102.855 | 102.855 |
| 99% | 106.006 | 106.006 |



October / Humidity - Simulation!G31

Report: Overlaid Simulations Report (Inputs)
Performed By: ahmedehtisham
Date: Friday, April 28, 2023



Summary Statistics for October / Humidity

| Statistic | Sim 1 | Sim 11 |
|----------------|--------|--------|
| Minimum | 55.105 | 55.105 |
| Maximum | 67.313 | 67.313 |
| Mean | 61.200 | 61.200 |
| Std. Deviation | 2.498 | 2.498 |
| Variance | 6.242 | 6.242 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 2.4000 | 2.4000 |
| Median | 61.200 | 61.200 |
| Mode | 61.169 | 61.169 |
| 1% | 55.945 | 55.945 |
| 2.5% | 56.448 | 56.448 |
| 5% | 57.015 | 57.015 |
| 10% | 57.817 | 57.817 |
| 20% | 58.951 | 58.951 |
| 25% | 59.407 | 59.407 |
| 50% | 61.200 | 61.200 |
| 75% | 62.992 | 62.992 |
| 80% | 63.449 | 63.449 |
| 90% | 64.583 | 64.583 |
| 95% | 65.385 | 65.385 |
| 97.5% | 65.951 | 65.951 |
| 99% | 66.454 | 66.454 |



October / US AQI Index - Simulation!S31

Report:

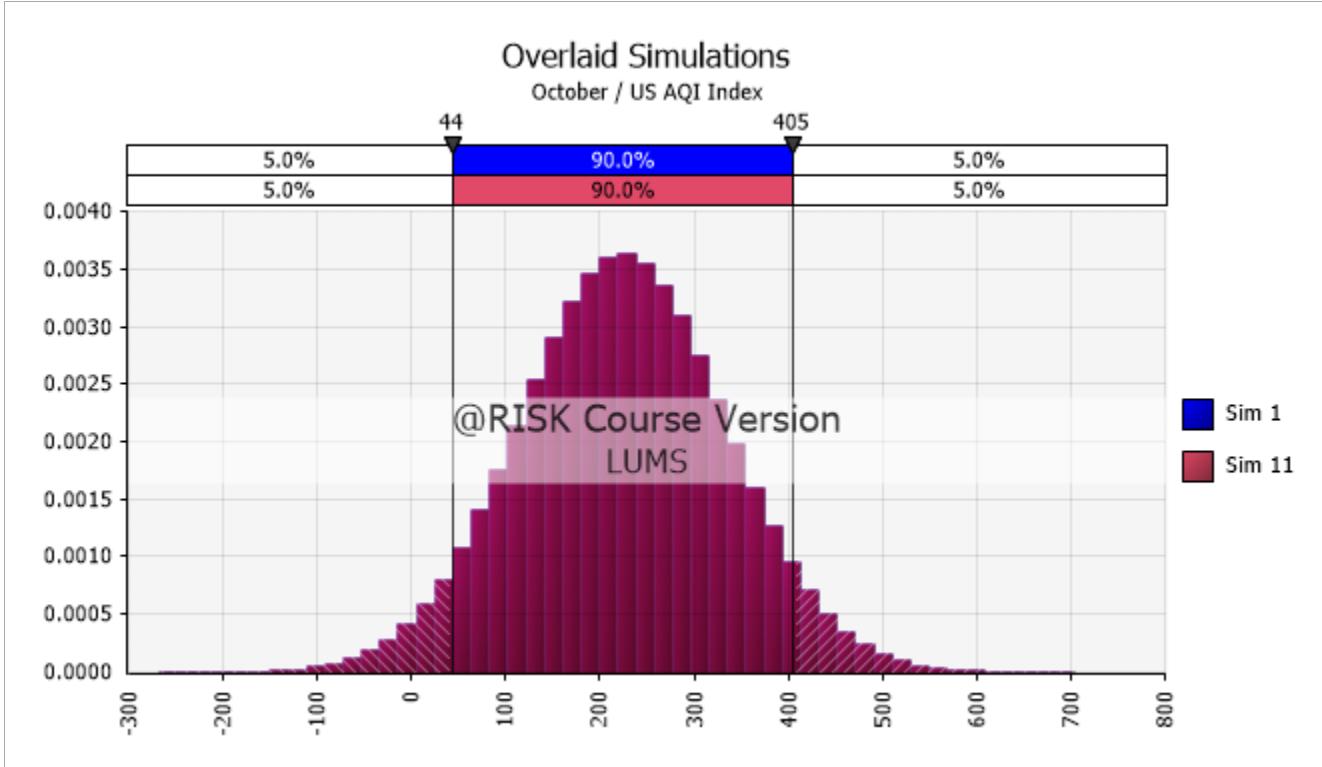
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

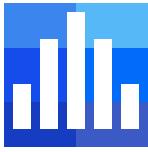
Date:

Friday, April 28, 2023



Summary Statistics for October / US AQI Index

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | -267.29 | -267.29 |
| Maximum | 705.10 | 705.10 |
| Mean | 224.55 | 224.55 |
| Std. Deviation | 109.66 | 109.66 |
| Variance | 12,025 | 12,025 |
| Skewness | -0.0001 | -0.0001 |
| Kurtosis | 2.9999 | 2.9999 |
| Median | 224.55 | 224.55 |
| Mode | 223.18 | 223.18 |
| 1% | -30.57 | -30.57 |
| 2.5% | 9.61 | 9.61 |
| 5% | 44.17 | 44.17 |
| 10% | 84.01 | 84.01 |
| 20% | 132.25 | 132.25 |
| 25% | 150.58 | 150.58 |
| 50% | 224.55 | 224.55 |
| 75% | 298.51 | 298.51 |
| 80% | 316.84 | 316.84 |
| 90% | 365.08 | 365.08 |
| 95% | 404.92 | 404.92 |
| 97.5% | 439.48 | 439.48 |
| 99% | 479.64 | 479.64 |



November / In. - Simulation!D32

Report:

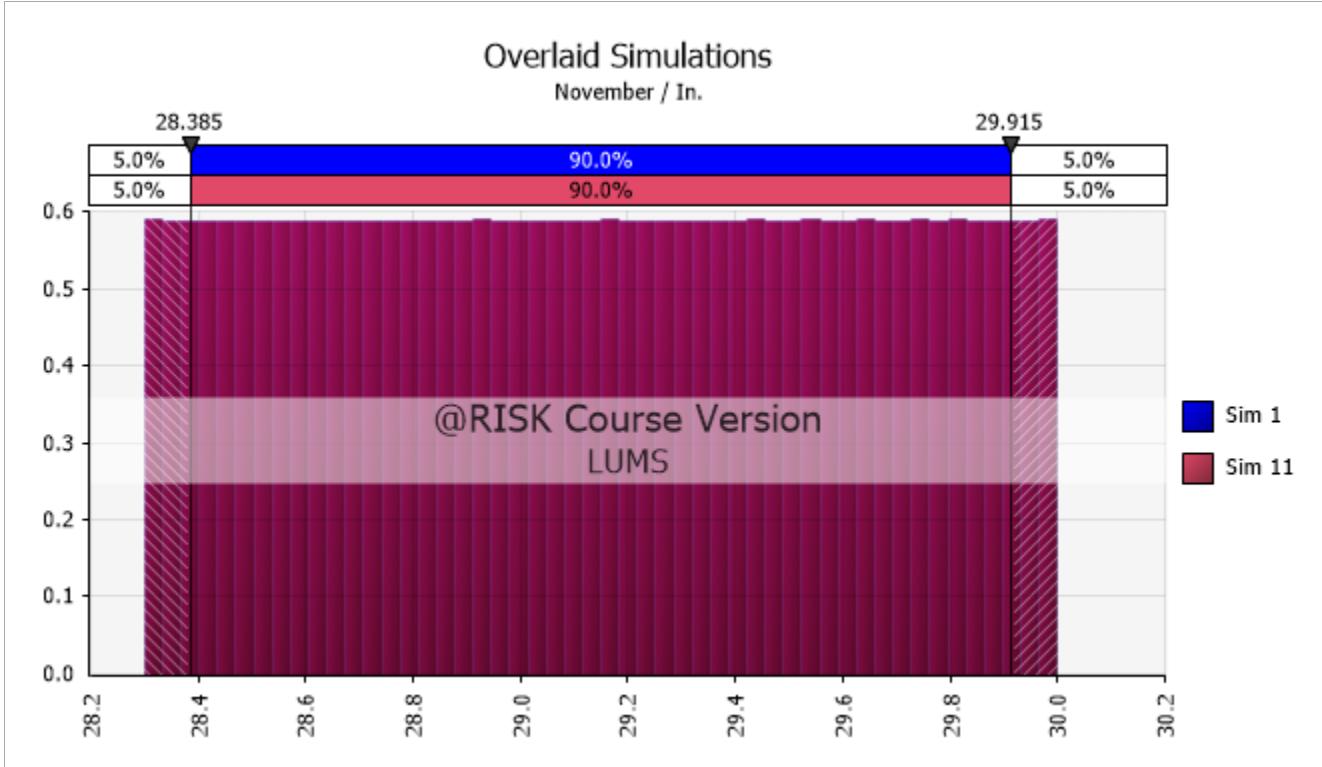
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

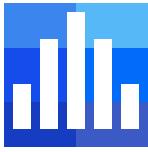
Date:

Friday, April 28, 2023



Summary Statistics for November / In.

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 28.3000 | 28.3000 |
| Maximum | 30.0000 | 30.0000 |
| Mean | 29.1500 | 29.1500 |
| Std. Deviation | 0.4908 | 0.4908 |
| Variance | 0.2408 | 0.2408 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 1.8000 | 1.8000 |
| Median | 29.1500 | 29.1500 |
| Mode | 28.3765 | 28.3765 |
| 1% | 28.3170 | 28.3170 |
| 2.5% | 28.3425 | 28.3425 |
| 5% | 28.3850 | 28.3850 |
| 10% | 28.4700 | 28.4700 |
| 20% | 28.6400 | 28.6400 |
| 25% | 28.7250 | 28.7250 |
| 50% | 29.1500 | 29.1500 |
| 75% | 29.5750 | 29.5750 |
| 80% | 29.6600 | 29.6600 |
| 90% | 29.8300 | 29.8300 |
| 95% | 29.9150 | 29.9150 |
| 97.5% | 29.9575 | 29.9575 |
| 99% | 29.9830 | 29.9830 |



November / mph - Simulation!E32

Report:

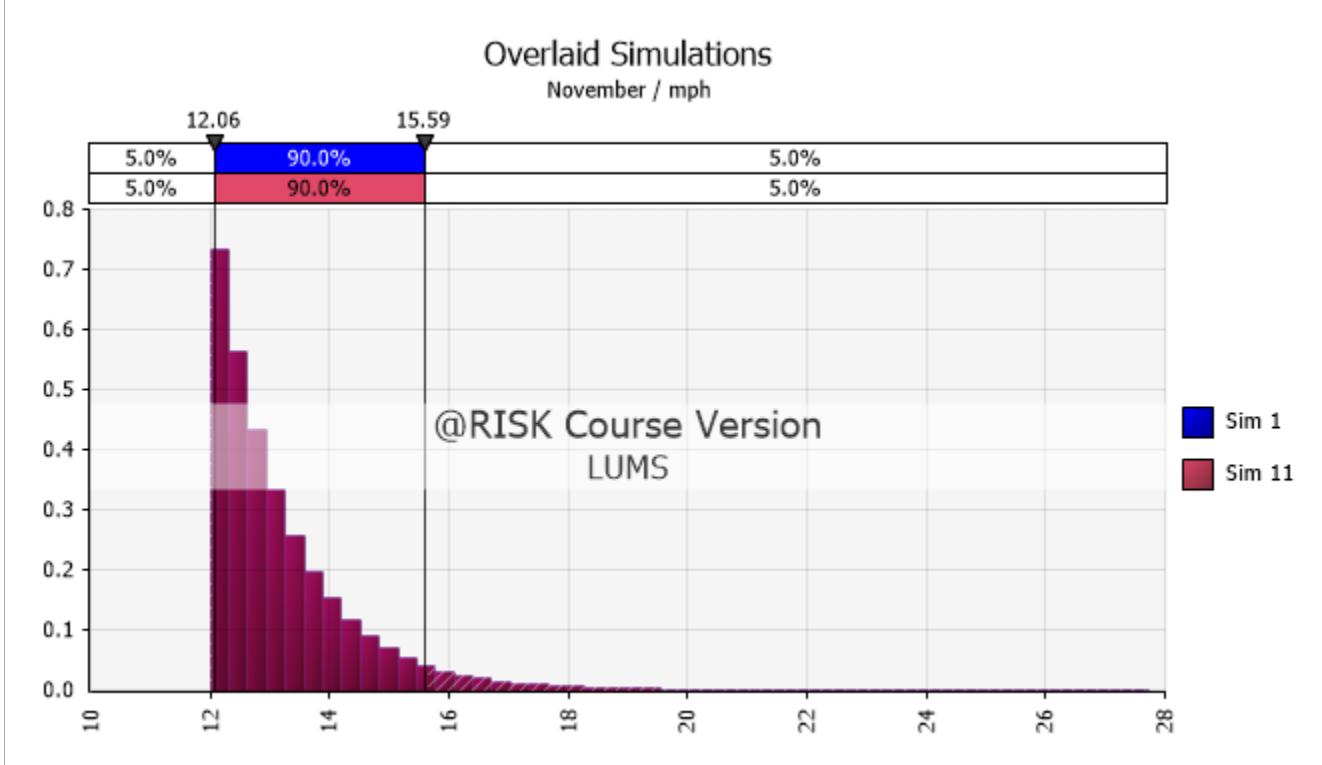
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



Summary Statistics for November / mph

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 12.0000 | 12.0000 |
| Maximum | 27.7334 | 27.7334 |
| Mean | 13.2000 | 13.2000 |
| Std. Deviation | 1.2001 | 1.2001 |
| Variance | 1.440 | 1.440 |
| Skewness | 2.0017 | 2.0017 |
| Kurtosis | 9.0267 | 9.0267 |
| Median | 12.8318 | 12.8318 |
| Mode | 12.0060 | 12.0060 |
| 1% | 12.0121 | 12.0121 |
| 2.5% | 12.0304 | 12.0304 |
| 5% | 12.0615 | 12.0615 |
| 10% | 12.1264 | 12.1264 |
| 20% | 12.2678 | 12.2678 |
| 25% | 12.3452 | 12.3452 |
| 50% | 12.8318 | 12.8318 |
| 75% | 13.6635 | 13.6635 |
| 80% | 13.9313 | 13.9313 |
| 90% | 14.7630 | 14.7630 |
| 95% | 15.5948 | 15.5948 |
| 97.5% | 16.4263 | 16.4263 |
| 99% | 17.5257 | 17.5257 |



November / °F - Simulation!F32

Report:

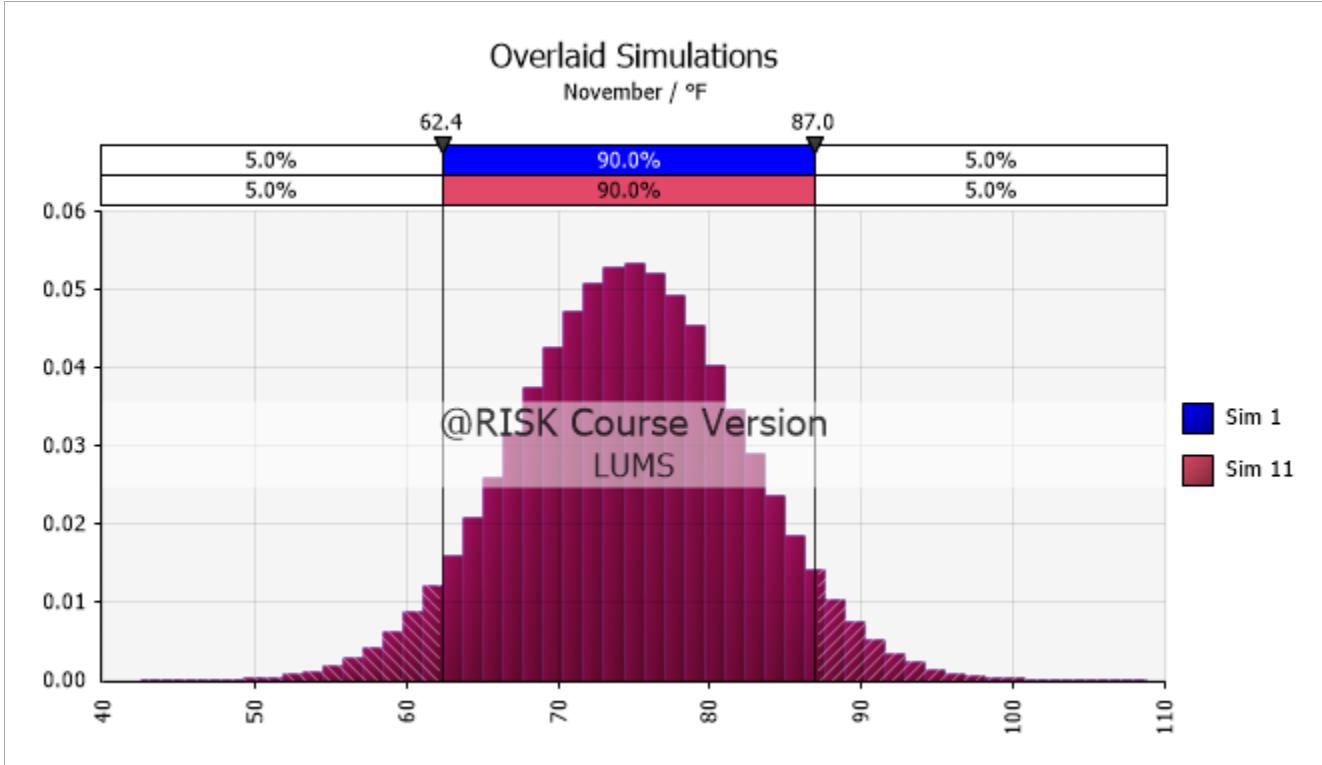
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023

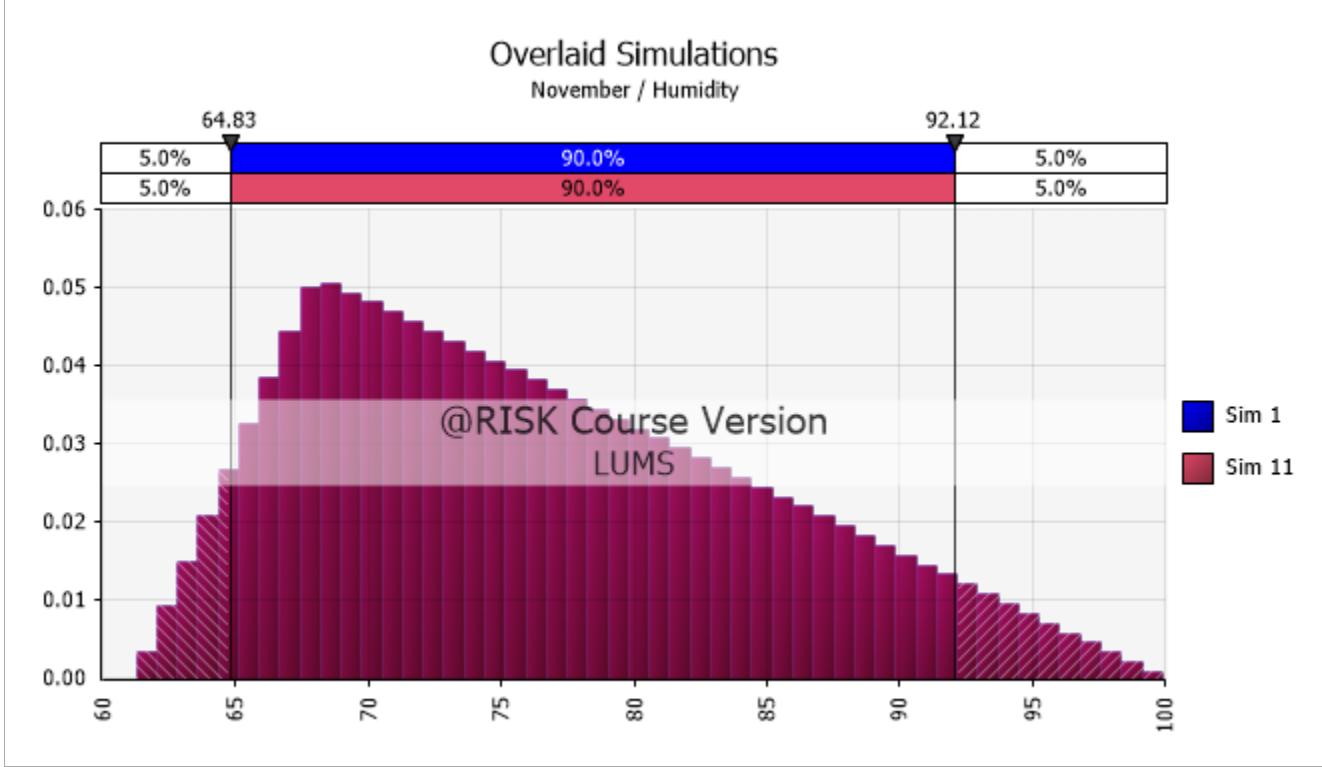


| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 42.556 | 42.556 |
| Maximum | 108.779 | 108.779 |
| Mean | 74.700 | 74.700 |
| Std. Deviation | 7.470 | 7.470 |
| Variance | 55.80 | 55.80 |
| Skewness | 0.0002 | 0.0002 |
| Kurtosis | 2.9995 | 2.9995 |
| Median | 74.700 | 74.700 |
| Mode | 74.606 | 74.606 |
| 1% | 57.320 | 57.320 |
| 2.5% | 60.058 | 60.058 |
| 5% | 62.413 | 62.413 |
| 10% | 65.127 | 65.127 |
| 20% | 68.413 | 68.413 |
| 25% | 69.661 | 69.661 |
| 50% | 74.700 | 74.700 |
| 75% | 79.738 | 79.738 |
| 80% | 80.987 | 80.987 |
| 90% | 84.273 | 84.273 |
| 95% | 86.987 | 86.987 |
| 97.5% | 89.341 | 89.341 |
| 99% | 92.077 | 92.077 |



November / Humidity - Simulation!G32

Report: Overlaid Simulations Report (Inputs)
Performed By: ahmedehtisham
Date: Friday, April 28, 2023



Summary Statistics for November / Humidity

| Statistic | Sim 1 | Sim 11 |
|----------------|--------|--------|
| Minimum | 61.245 | 61.245 |
| Maximum | 99.908 | 99.908 |
| Mean | 76.400 | 76.400 |
| Std. Deviation | 8.459 | 8.459 |
| Variance | 71.55 | 71.55 |
| Skewness | 0.4979 | 0.4979 |
| Kurtosis | 2.4000 | 2.4000 |
| Median | 75.084 | 75.084 |
| Mode | 67.995 | 67.995 |
| 1% | 62.824 | 62.824 |
| 2.5% | 63.768 | 63.768 |
| 5% | 64.832 | 64.832 |
| 10% | 66.336 | 66.336 |
| 20% | 68.483 | 68.483 |
| 25% | 69.484 | 69.484 |
| 50% | 75.084 | 75.084 |
| 75% | 82.382 | 82.382 |
| 80% | 84.242 | 84.242 |
| 90% | 88.857 | 88.857 |
| 95% | 92.120 | 92.120 |
| 97.5% | 94.428 | 94.428 |
| 99% | 96.476 | 96.476 |



November / US AQI Index - Simulation!S32

Report:

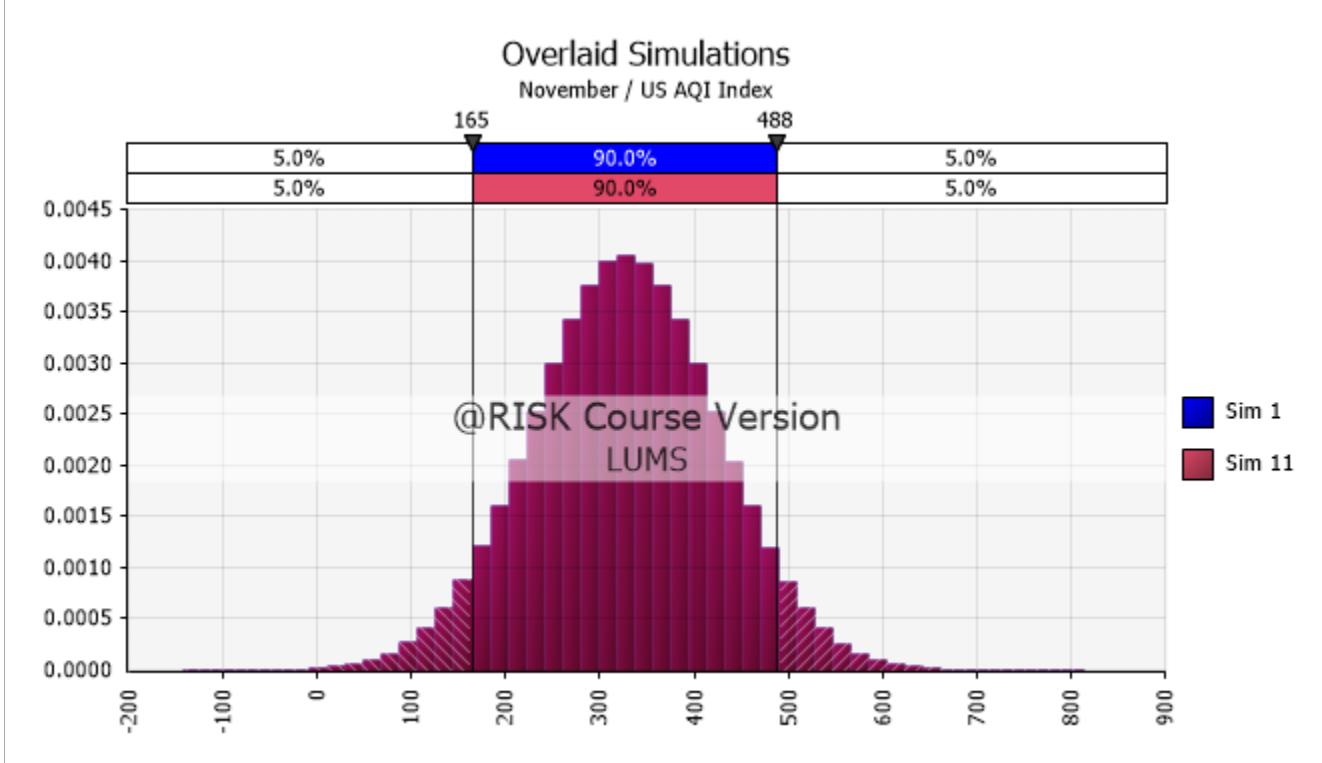
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



| Summary Statistics for November / US AQI Index | | |
|--|---------|---------|
| Statistic | Sim 1 | Sim 11 |
| Minimum | -142.29 | -142.29 |
| Maximum | 815.58 | 815.58 |
| Mean | 326.87 | 326.87 |
| Std. Deviation | 98.20 | 98.20 |
| Variance | 9,643 | 9,643 |
| Skewness | 0.0002 | 0.0002 |
| Kurtosis | 3.0029 | 3.0029 |
| Median | 326.86 | 326.86 |
| Mode | 330.56 | 330.56 |
| 1% | 98.42 | 98.42 |
| 2.5% | 134.41 | 134.41 |
| 5% | 165.35 | 165.35 |
| 10% | 201.03 | 201.03 |
| 20% | 244.22 | 244.22 |
| 25% | 260.64 | 260.64 |
| 50% | 326.86 | 326.86 |
| 75% | 393.10 | 393.10 |
| 80% | 409.51 | 409.51 |
| 90% | 452.71 | 452.71 |
| 95% | 488.38 | 488.38 |
| 97.5% | 519.31 | 519.31 |
| 99% | 555.27 | 555.27 |



December / In. - Simulation!D33

Report:

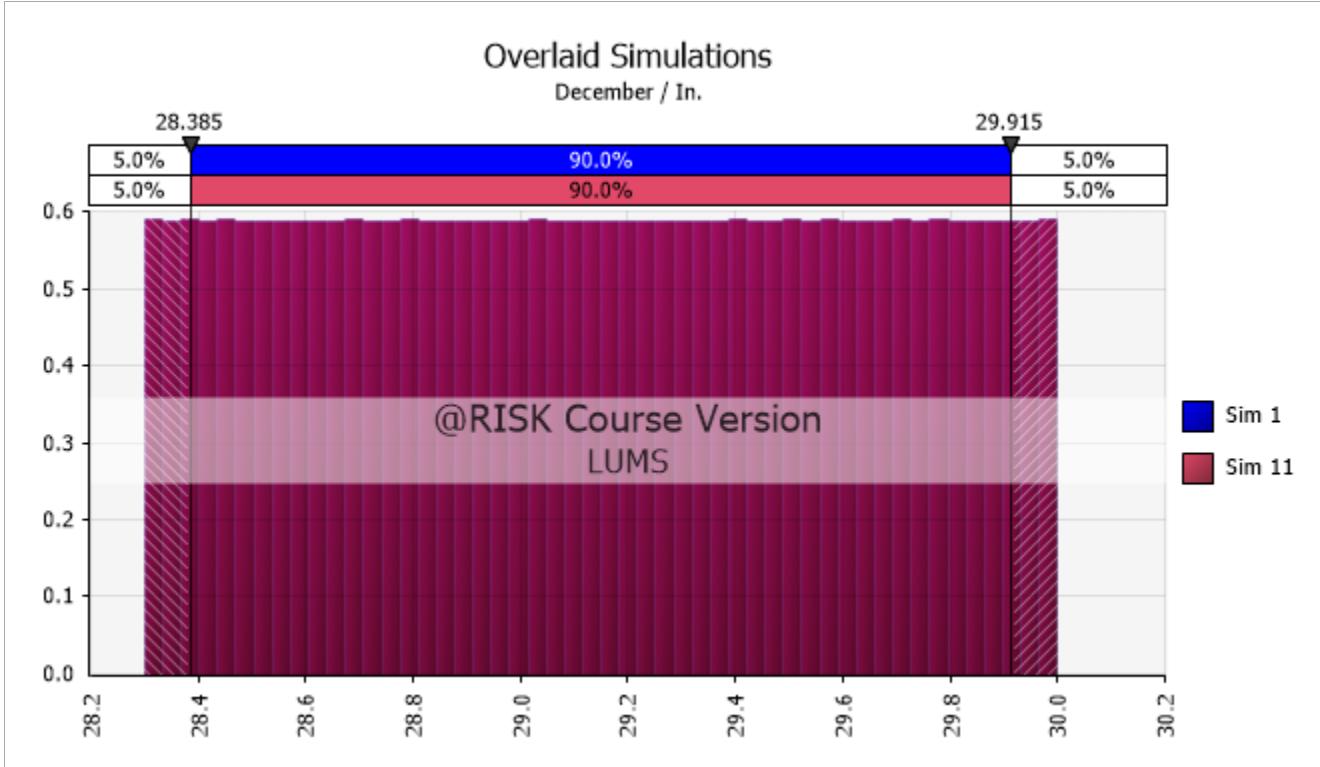
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

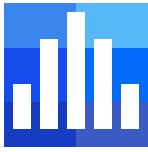
Date:

Friday, April 28, 2023



Summary Statistics for December / In.

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 28.3000 | 28.3000 |
| Maximum | 30.0000 | 30.0000 |
| Mean | 29.1500 | 29.1500 |
| Std. Deviation | 0.4908 | 0.4908 |
| Variance | 0.2408 | 0.2408 |
| Skewness | 0.0000 | 0.0000 |
| Kurtosis | 1.8000 | 1.8000 |
| Median | 29.1500 | 29.1500 |
| Mode | 29.3455 | 29.3455 |
| 1% | 28.3170 | 28.3170 |
| 2.5% | 28.3425 | 28.3425 |
| 5% | 28.3850 | 28.3850 |
| 10% | 28.4700 | 28.4700 |
| 20% | 28.6400 | 28.6400 |
| 25% | 28.7250 | 28.7250 |
| 50% | 29.1500 | 29.1500 |
| 75% | 29.5750 | 29.5750 |
| 80% | 29.6600 | 29.6600 |
| 90% | 29.8300 | 29.8300 |
| 95% | 29.9150 | 29.9150 |
| 97.5% | 29.9575 | 29.9575 |
| 99% | 29.9830 | 29.9830 |



December / mph - Simulation!E33

Report:

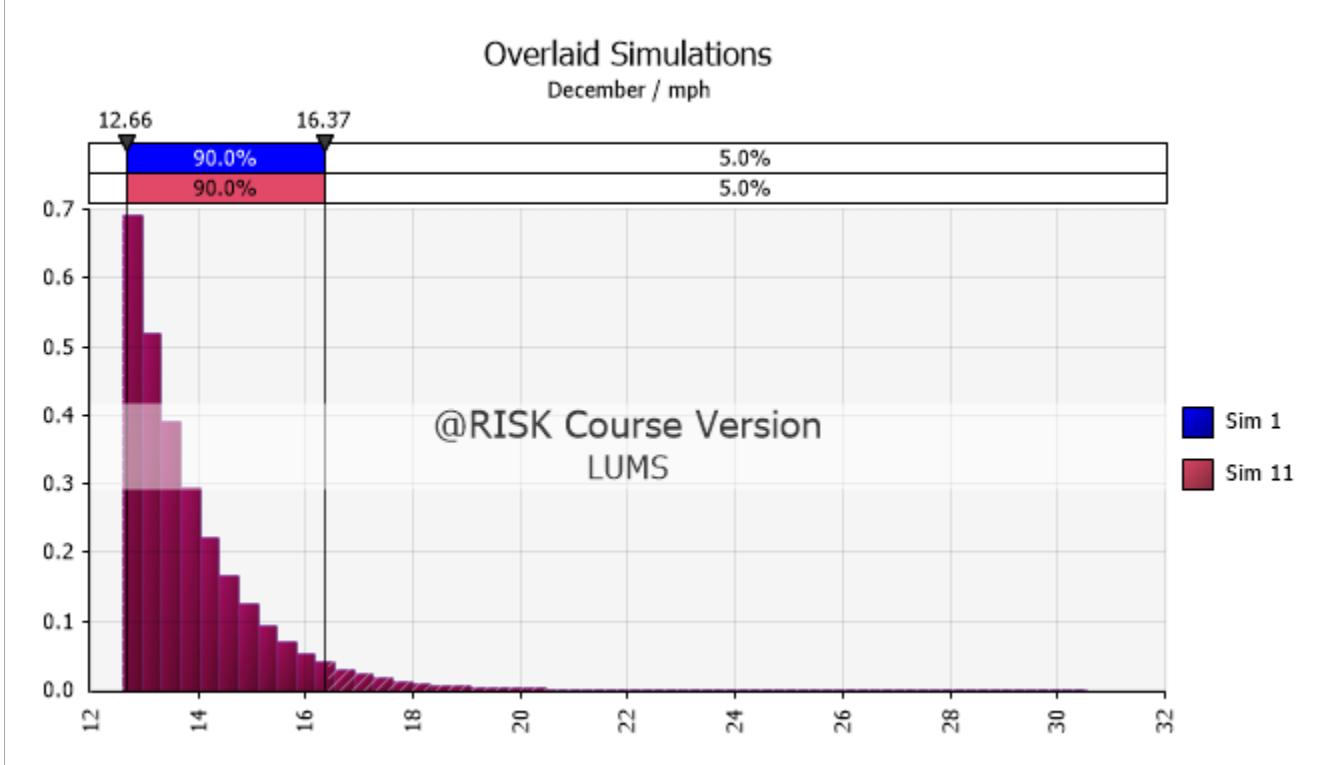
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



Summary Statistics for December / mph

| Statistic | Sim 1 | Sim 11 |
|----------------|---------|---------|
| Minimum | 12.6000 | 12.6000 |
| Maximum | 30.5419 | 30.5419 |
| Mean | 13.8600 | 13.8600 |
| Std. Deviation | 1.2603 | 1.2603 |
| Variance | 1.588 | 1.588 |
| Skewness | 2.0066 | 2.0066 |
| Kurtosis | 9.1192 | 9.1192 |
| Median | 13.4733 | 13.4733 |
| Mode | 12.6063 | 12.6063 |
| 1% | 12.6127 | 12.6127 |
| 2.5% | 12.6319 | 12.6319 |
| 5% | 12.6646 | 12.6646 |
| 10% | 12.7328 | 12.7328 |
| 20% | 12.8811 | 12.8811 |
| 25% | 12.9625 | 12.9625 |
| 50% | 13.4733 | 13.4733 |
| 75% | 14.3467 | 14.3467 |
| 80% | 14.6279 | 14.6279 |
| 90% | 15.5012 | 15.5012 |
| 95% | 16.3745 | 16.3745 |
| 97.5% | 17.2479 | 17.2479 |
| 99% | 18.4020 | 18.4020 |



December / °F - Simulation!F33

Report:

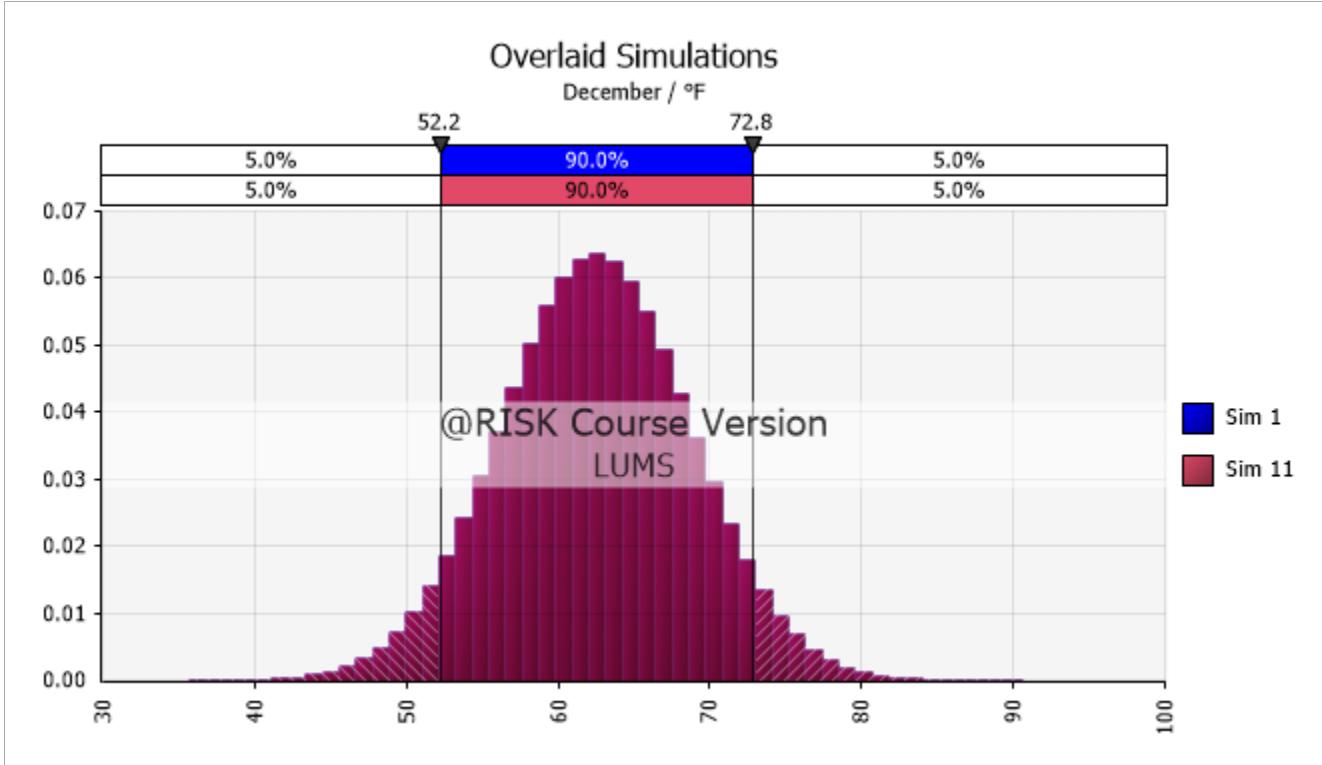
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



| Summary Statistics for December / °F | | |
|--------------------------------------|--------|--------|
| Statistic | Sim 1 | Sim 11 |
| Minimum | 35.641 | 35.641 |
| Maximum | 90.610 | 90.610 |
| Mean | 62.500 | 62.500 |
| Std. Deviation | 6.250 | 6.250 |
| Variance | 39.06 | 39.06 |
| Skewness | 0.0001 | 0.0001 |
| Kurtosis | 2.9997 | 2.9997 |
| Median | 62.500 | 62.500 |
| Mode | 62.422 | 62.422 |
| 1% | 47.959 | 47.959 |
| 2.5% | 50.249 | 50.249 |
| 5% | 52.219 | 52.219 |
| 10% | 54.490 | 54.490 |
| 20% | 57.240 | 57.240 |
| 25% | 58.284 | 58.284 |
| 50% | 62.500 | 62.500 |
| 75% | 66.715 | 66.715 |
| 80% | 67.760 | 67.760 |
| 90% | 70.510 | 70.510 |
| 95% | 72.780 | 72.780 |
| 97.5% | 74.749 | 74.749 |
| 99% | 77.040 | 77.040 |



December / Humidity - Simulation!G33

Report:

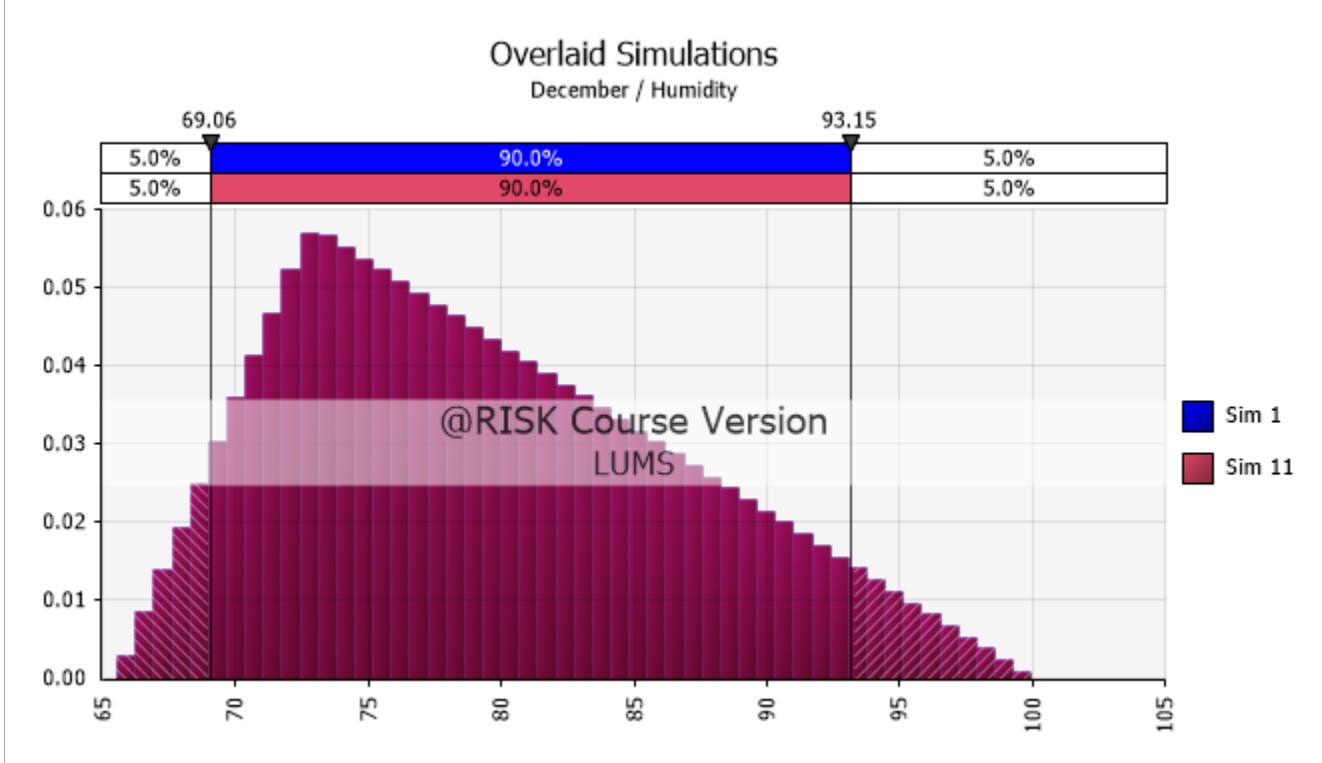
Overlaid Simulations Report (Inputs)

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023



Summary Statistics for December / Humidity

| Statistic | Sim 1 | Sim 11 |
|----------------|--------|--------|
| Minimum | 65.536 | 65.536 |
| Maximum | 99.977 | 99.977 |
| Mean | 79.440 | 79.440 |
| Std. Deviation | 7.419 | 7.419 |
| Variance | 55.05 | 55.05 |
| Skewness | 0.4653 | 0.4653 |
| Kurtosis | 2.4000 | 2.4000 |
| Median | 78.345 | 78.345 |
| Mode | 72.867 | 72.867 |
| 1% | 67.104 | 67.104 |
| 2.5% | 68.025 | 68.025 |
| 5% | 69.062 | 69.062 |
| 10% | 70.530 | 70.530 |
| 20% | 72.605 | 72.605 |
| 25% | 73.478 | 73.478 |
| 50% | 78.345 | 78.345 |
| 75% | 84.688 | 84.688 |
| 80% | 86.304 | 86.304 |
| 90% | 90.315 | 90.315 |
| 95% | 93.152 | 93.152 |
| 97.5% | 95.157 | 95.157 |
| 99% | 96.936 | 96.936 |



Outputs (Sim 11)

Report: Summary Statistics Report
Performed By: ahmedehtisham
Date: Friday, April 28, 2023

| Summary Statistics | | | | | | | | | |
|---------------------------------------|-----------------|--------|---|------------|------------|------------|-----------|------------|------------|
| Output | Cell | Graphs | Function | Minimum | Maximum | Mean | Std Dev | 5% | 95% |
| Total CO2 removed /Year | Simulation!P21 | | RiskOutput ("Total CO2 removed /Year") | 621,133.55 | 719,699.11 | 686,586.08 | 12,691.01 | 664,401.68 | 706,014.47 |
| Deaths reduced | Simulation!W21 | | RiskOutput ("Deaths reduced") | 33.4905 | 38.8050 | 37.0196 | 0.6843 | 35.8235 | 38.0672 |
| Respiratory infections, asthma red... | Simulation!X21 | | RiskOutput ("Respiratory infections, asthma reduced") | 88.5961 | 102.6552 | 97.9320 | 1.8102 | 94.7677 | 100.7032 |
| Trachea, bronchus, lung cance... | Simulation!Y21 | | RiskOutput ("Trachea, bronchus, lung cancer") | 4.26646 | 4.94349 | 4.71605 | 0.08717 | 4.56366 | 4.84950 |
| Ischaemic heart disease | Simulation!Z21 | | RiskOutput ("Ischaemic heart disease") | 174.716 | 202.442 | 193.127 | 3.570 | 186.887 | 198.592 |
| Chronic Obstructive pulmonary... | Simulation!AA21 | | RiskOutput ("Chronic Obstructive pulmonary disease") | 5.06334 | 5.86682 | 5.59689 | 0.10345 | 5.41605 | 5.75527 |
| Blindness and vision loss | Simulation!AB21 | | RiskOutput ("Blindness and vision loss") | 215.830 | 250.080 | 238.574 | 4.410 | 230.865 | 245.325 |



Inputs (Sim 11)

Report:

Summary Statistics Report

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023

| Summary Statistics | | | | | | | | | |
|------------------------|----------------|--------|---|---------|---------|---------|---------|---------|---------|
| Input | Cell | Graphs | Function | Minimum | Maximum | Mean | Std Dev | 5% | 95% |
| 2022 / US AQI Index | Simulation!S21 | | RiskNormal(268.548,97.842) | -156.93 | 706.48 | 268.55 | 97.84 | 107.60 | 429.48 |
| January / In. | Simulation!D22 | | RiskUniform(28.3,30) | 28.3000 | 30.0000 | 29.1500 | 0.4908 | 28.3850 | 29.9150 |
| January / mph | Simulation!E22 | | RiskExpon(0.9,RiskShift(9),RiskStatic(9)) | 9.0000 | 23.6450 | 9.9000 | 0.9004 | 9.0462 | 11.6961 |
| January / °F | Simulation!F22 | | RiskNormal(54.3,5.43,RiskStatic(54.3)) | 30.032 | 78.247 | 54.300 | 5.430 | 45.368 | 63.231 |
| January / Humid... | Simulation!G22 | | RiskTriang(59.13,65.7,100) | 59.153 | 99.918 | 74.943 | 8.960 | 62.794 | 91.627 |
| January / US AQI I... | Simulation!S22 | | RiskNormal(252.821,84.273) | -107.85 | 639.15 | 252.82 | 84.27 | 114.20 | 391.43 |
| February / In. | Simulation!D23 | | RiskUniform(28.3,30) | 28.3000 | 30.0000 | 29.1500 | 0.4908 | 28.3850 | 29.9150 |
| February / mph | Simulation!E23 | | RiskExpon(1.5,RiskShift(15),RiskStatic(15)) | 15.0000 | 36.5686 | 16.5000 | 1.5004 | 15.0769 | 19.4936 |
| February / °F | Simulation!F23 | | RiskNormal(58.5,8,RiskStatic(58)) | 32.913 | 83.363 | 58.000 | 5.800 | 48.459 | 67.540 |
| February / Humid... | Simulation!G23 | | RiskTriang(22.68,1.100,RiskStatic(22.68)) | 22.051 | 99.960 | 63.367 | 16.009 | 35.408 | 88.846 |
| February / US AQI I... | Simulation!S23 | | RiskNormal(212.455,47.7) | 6.38 | 416.36 | 212.46 | 47.70 | 133.99 | 290.91 |
| March / In. | Simulation!D24 | | RiskUniform(28.3,30) | 28.3000 | 30.0000 | 29.1500 | 0.4908 | 28.3850 | 29.9150 |
| March / mph | Simulation!E24 | | RiskExpon(1.4,RiskShift(14),RiskStatic(14)) | 14.0000 | 34.5436 | 15.4000 | 1.4004 | 14.0718 | 18.1940 |
| March / °F | Simulation!F24 | | RiskNormal(65.7,6.57,RiskStatic(65.7)) | 36.085 | 94.164 | 65.700 | 6.570 | 54.893 | 76.506 |
| March / Humidity | Simulation!G24 | | RiskTriang(21.57,4.94,RiskStatic(21.57)) | 21.119 | 93.886 | 57.467 | 14.901 | 32.526 | 82.442 |
| March / US AQI Index | Simulation!S24 | | RiskNormal(220.034,69.36,) | -100.78 | 557.34 | 220.03 | 69.36 | 105.94 | 334.12 |



Inputs (Sim 11)

Report:

Summary Statistics Report

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023

| Summary Statistics | | | | | | | | | |
|----------------------|----------------|--------|--|---------|---------|---------|---------|---------|---------|
| Input | Cell | Graphs | Function | Minimum | Maximum | Mean | Std Dev | 5% | 95% |
| April / In. | Simulation!D25 | | RiskUniform (28.3,30) | 28.3000 | 30.0000 | 29.1500 | 0.4908 | 28.3850 | 29.9150 |
| April / mph | Simulation!E25 | | RiskExpon (1.8,RiskShift (18),RiskSt...) | 18.0000 | 38.8610 | 19.8000 | 1.7999 | 18.0923 | 23.3920 |
| April / °F | Simulation!F25 | | RiskNormal (85.4,8.54,RiskStatic(85...) | 48.009 | 122.454 | 85.400 | 8.540 | 71.352 | 99.447 |
| April / Humidity | Simulation!G25 | | RiskTriang (12,28,65,RiskStatic(28)) | 12.030 | 64.890 | 35.000 | 11.098 | 18.511 | 55.097 |
| April / US AQI Index | Simulation!S25 | | RiskNormal (185.258,46.971) | -17.57 | 406.58 | 185.26 | 46.97 | 107.99 | 262.52 |
| May / In. | Simulation!D26 | | RiskUniform (28.3,30) | 28.3000 | 30.0000 | 29.1500 | 0.4908 | 28.3850 | 29.9150 |
| May / mph | Simulation!E26 | | RiskExpon (1.5,RiskShift (15),RiskSt...) | 15.0000 | 32.5146 | 16.5000 | 1.4998 | 15.0769 | 19.4935 |
| May / °F | Simulation!F26 | | RiskNormal (93.7,9.37,RiskStatic(93...) | 53.069 | 140.229 | 93.700 | 9.370 | 78.287 | 109.112 |
| May / Humidity | Simulation!G26 | | RiskTriang (11,28,69,RiskStatic(28)) | 11.079 | 68.905 | 36.000 | 12.172 | 18.021 | 58.095 |
| May / US AQI Index | Simulation!S26 | | RiskNormal (169.667,34.644) | 7.09 | 320.62 | 169.67 | 34.64 | 112.68 | 226.65 |
| June / In. | Simulation!D27 | | RiskUniform (28.3,30) | 28.3000 | 30.0000 | 29.1500 | 0.4908 | 28.3850 | 29.9150 |
| June / mph | Simulation!E27 | | RiskExpon (2.3,RiskShift (23),RiskSt...) | 23.000 | 51.508 | 25.300 | 2.300 | 23.118 | 29.890 |
| June / °F | Simulation!F27 | | RiskNormal (95.3,9.53,RiskStatic(95...) | 52.499 | 136.154 | 95.300 | 9.530 | 79.624 | 110.975 |
| June / Humidity | Simulation!G27 | | RiskTriang (7,28,6,100,RiskStatic(...) | 7.130 | 99.777 | 45.200 | 19.870 | 17.021 | 81.778 |
| June / US AQI Index | Simulation!S27 | | RiskNormal (122.839,32.444) | -19.15 | 270.03 | 122.84 | 32.44 | 69.47 | 176.20 |
| July / In. | Simulation!D28 | | RiskUniform (28.3,30) | 28.3000 | 30.0000 | 29.1500 | 0.4908 | 28.3850 | 29.9150 |



Inputs (Sim 11)

Report:

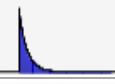
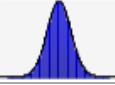
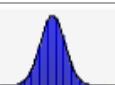
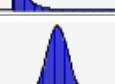
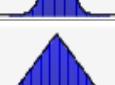
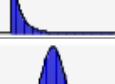
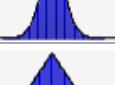
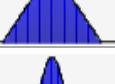
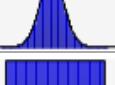
Summary Statistics Report

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023

| Summary Statistics | | | | | | | | | |
|-------------------------|----------------|---|--|---------|---------|---------|---------|---------|---------|
| Input | Cell | Graphs | Function | Minimum | Maximum | Mean | Std Dev | 5% | 95% |
| July / mph | Simulation!E28 |  | RiskExpon(2,RiskShift(20),RiskSt...) | 20.0000 | 43.7765 | 22.0000 | 1.9998 | 20.1026 | 25.9914 |
| July / °F | Simulation!F28 |  | RiskNormal(80.8,8.08,RiskStatic(80...) | 45.516 | 115.804 | 80.800 | 8.080 | 67.509 | 94.090 |
| July / Humidity | Simulation!G28 |  | RiskTriang(43,78.8,100,RiskStatic(...) | 43.112 | 99.893 | 73.933 | 11.762 | 53.100 | 92.227 |
| July / US AQI Index | Simulation!S28 |  | RiskNormal(136.5,31.321) | 2.37 | 273.54 | 136.50 | 31.32 | 84.98 | 188.02 |
| August / In. | Simulation!D29 |  | RiskUniform(28.3,30) | 28.3000 | 30.0000 | 29.1500 | 0.4908 | 28.3850 | 29.9150 |
| August / mph | Simulation!E29 |  | RiskExpon(1.8,RiskShift(18),RiskSt...) | 18.0000 | 39.5534 | 19.8000 | 1.8000 | 18.0923 | 23.3920 |
| August / °F | Simulation!F29 |  | RiskNormal(84.6,8.46,RiskStatic(84...) | 48.247 | 124.340 | 84.600 | 8.460 | 70.684 | 98.515 |
| August / Humidity | Simulation!G29 |  | RiskTriang(70.92,78.8,86.68,Risk...) | 70.953 | 86.649 | 78.800 | 3.217 | 73.412 | 84.188 |
| August / US AQI Index | Simulation!S29 |  | RiskNormal(156.179,34.948) | 1.55 | 310.09 | 156.18 | 34.95 | 98.69 | 213.66 |
| September / In. | Simulation!D30 |  | RiskUniform(28.3,30) | 28.3000 | 30.0000 | 29.1500 | 0.4908 | 28.3850 | 29.9150 |
| September / mph | Simulation!E30 |  | RiskExpon(1.4,RiskShift(14),RiskSt...) | 14.0000 | 31.7704 | 15.4000 | 1.4000 | 14.0718 | 18.1938 |
| September / °F | Simulation!F30 |  | RiskNormal(91.1,9.11,RiskStatic(91...) | 51.995 | 130.806 | 91.100 | 9.110 | 76.115 | 106.084 |
| September / Humid... | Simulation!G30 |  | RiskTriang(52.47,58.3,64.13,Risk...) | 52.491 | 64.115 | 58.300 | 2.380 | 54.313 | 62.286 |
| September / US AQI I... | Simulation!S30 |  | RiskNormal(214.516,69.598) | -88.08 | 548.20 | 214.52 | 69.60 | 100.03 | 328.99 |
| October / In. | Simulation!D31 |  | RiskUniform(28.3,30) | 28.3000 | 30.0000 | 29.1500 | 0.4908 | 28.3850 | 29.9150 |
| October / mph | Simulation!E31 |  | RiskExpon(1.2,RiskShift(12),RiskSt...) | 12.0000 | 27.0736 | 13.2000 | 1.2000 | 12.0615 | 15.5948 |



Inputs (Sim 11)

Report:

Summary Statistics Report

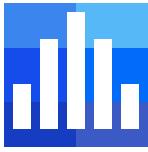
Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023

| Summary Statistics | | | | | | | | | |
|------------------------|----------------|--------|--|---------|---------|---------|---------|---------|---------|
| Input | Cell | Graphs | Function | Minimum | Maximum | Mean | Std Dev | 5% | 95% |
| October / °F | Simulation!F31 | | RiskNormal(86,8.6,RiskStatic(86)) | 47.832 | 123.083 | 86.000 | 8.600 | 71.854 | 100.145 |
| October / Humid... | Simulation!G31 | | RiskTriang(55.08,61.2,67.32,Risk...) | 55.105 | 67.313 | 61.200 | 2.498 | 57.015 | 65.385 |
| October / US AQI I... | Simulation!S31 | | RiskNormal(224.55,109.66) | -267.29 | 705.10 | 224.55 | 109.66 | 44.17 | 404.92 |
| November / In. | Simulation!D32 | | RiskUniform(28.3,30) | 28.3000 | 30.0000 | 29.1500 | 0.4908 | 28.3850 | 29.9150 |
| November / mph | Simulation!E32 | | RiskExpon(1.2,RiskShift(12),RiskSt...) | 12.0000 | 27.7334 | 13.2000 | 1.2001 | 12.0615 | 15.5948 |
| November / °F | Simulation!F32 | | RiskNormal(74.7,7.47,RiskStatic(74...) | 42.556 | 108.779 | 74.700 | 7.470 | 62.413 | 86.987 |
| November / Humid... | Simulation!G32 | | RiskTriang(61.2,68,100,RiskStatic(...) | 61.245 | 99.908 | 76.400 | 8.459 | 64.832 | 92.120 |
| November / US AQI I... | Simulation!S32 | | RiskNormal(326.867,98.194) | -142.29 | 815.58 | 326.87 | 98.20 | 165.35 | 488.38 |
| December / In. | Simulation!D33 | | RiskUniform(28.3,30) | 28.3000 | 30.0000 | 29.1500 | 0.4908 | 28.3850 | 29.9150 |
| December / mph | Simulation!E33 | | RiskExpon(1.26,RiskShift(12.6),Ris... | 12.6000 | 30.5419 | 13.8600 | 1.2603 | 12.6646 | 16.3745 |
| December / °F | Simulation!F33 | | RiskNormal(62.5,6.25,RiskStatic(62...) | 35.641 | 90.610 | 62.500 | 6.250 | 52.219 | 72.780 |
| December / Humid... | Simulation!G33 | | RiskTriang(65.52,72.8,100,RiskSt...) | 65.536 | 99.977 | 79.440 | 7.419 | 69.062 | 93.152 |



Outputs (Sim 11)

Report: Detailed Statistics Report
Performed By: ahmedehtisham
Date: Friday, April 28, 2023

| Detailed Statistics | | | | | | |
|---------------------|--|-------------------------------|---|--|--|--|
| Output | Total CO2 removed /Year | Deaths reduced | Respiratory infections, ash... | Trachea, bronchus, lun... | Ischaemic heart disease | Chronic Obstructive p... |
| Function | RiskOutput ("Total CO2 removed /Year") | RiskOutput ("Deaths reduced") | RiskOutput ("Respiratory infections, asthma reduced") | RiskOutput ("Trachea, bronchus, lung cancers reduced") | RiskOutput ("Ischaemic heart disease") | RiskOutput ("Chronic Obstructive pulmonary disease reduced") |
| Graphs | | | | | | |
| Cell | Simulation!P21 | Simulation!W21 | Simulation!X21 | Simulation!Y21 | Simulation!Z21 | Simulation!AA21 |
| Statistic | | | | | | |
| Minimum | 621,133.55 | 33.4905 | 88.5961 | 4.26646 | 174.716 | 5.06334 |
| Maximum | 719,699.11 | 38.8050 | 102.6552 | 4.94349 | 202.442 | 5.86682 |
| Mean | 686,586.08 | 37.0196 | 97.9320 | 4.71605 | 193.127 | 5.59689 |
| Mode | 690,790.98 | 37.2464 | 98.5318 | 4.74493 | 194.310 | 5.63117 |
| Std. Deviation | 12,691.01 | 0.6843 | 1.8102 | 0.08717 | 3.570 | 0.10345 |
| Variance | 161,061,684 | 0.4682 | 3.277 | 0.007599 | 12.74 | 0.01070 |
| Skewness | -0.3928 | -0.3928 | -0.3928 | -0.3928 | -0.3928 | -0.3928 |
| Kurtosis | 3.0829 | 3.0829 | 3.0829 | 3.0829 | 3.0829 | 3.0829 |
| Errors | 0 | 0 | 0 | 0 | 0 | 0 |
| Percentiles | | | | | | |
| 1% | 653,827.56 | 35.2533 | 93.2595 | 4.49103 | 183.913 | 5.32985 |
| 2.5% | 659,574.86 | 35.5632 | 94.0793 | 4.53051 | 185.529 | 5.37670 |
| 5% | 664,401.68 | 35.8235 | 94.7677 | 4.56366 | 186.887 | 5.41605 |
| 10% | 669,765.45 | 36.1127 | 95.5328 | 4.60051 | 188.396 | 5.45978 |
| 20% | 676,017.70 | 36.4498 | 96.4246 | 4.64345 | 190.155 | 5.51074 |
| 25% | 678,414.86 | 36.5791 | 96.7665 | 4.65992 | 190.829 | 5.53028 |
| 50% | 687,425.19 | 37.0649 | 98.0517 | 4.72181 | 193.363 | 5.60373 |
| 75% | 695,681.58 | 37.5100 | 99.2294 | 4.77852 | 195.686 | 5.67104 |
| 80% | 697,630.22 | 37.6151 | 99.5073 | 4.79191 | 196.234 | 5.68692 |
| 90% | 702,413.24 | 37.8730 | 100.1896 | 4.82476 | 197.579 | 5.72591 |
| 95% | 706,014.47 | 38.0672 | 100.7032 | 4.84950 | 198.592 | 5.75527 |
| 97.5% | 708,858.56 | 38.2205 | 101.1089 | 4.86903 | 199.392 | 5.77845 |
| 99% | 711,696.93 | 38.3736 | 101.5138 | 4.88853 | 200.191 | 5.80159 |
| Filters | | | | | | |
| Minimum | | | | | | |
| Maximum | | | | | | |
| Type | | | | | | |
| # Values Filtered | 0 | 0 | 0 | 0 | 0 | 0 |



Outputs (Sim 11)

Report:

Detailed Statistics Report

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023

| Detailed Statistics | |
|---------------------|---|
| Output | Blindness and vision loss |
| Function | RiskOutput ("Blindness and vision loss") |
| Graphs |  |
| Cell | Simulation!AB21 |
| Statistic | |
| Minimum | 215.830 |
| Maximum | 250.080 |
| Mean | 238.574 |
| Mode | 240.035 |
| Std. Deviation | 4.410 |
| Variance | 19.45 |
| Skewness | -0.3928 |
| Kurtosis | 3.0829 |
| Errors | 0 |
| Percentiles | |
| 1% | 227.191 |
| 2.5% | 229.188 |
| 5% | 230.865 |
| 10% | 232.729 |
| 20% | 234.902 |
| 25% | 235.734 |
| 50% | 238.865 |
| 75% | 241.734 |
| 80% | 242.411 |
| 90% | 244.073 |
| 95% | 245.325 |
| 97.5% | 246.313 |
| 99% | 247.299 |
| Filters | |
| Minimum | |
| Maximum | |
| Type | |
| # Values Filtered | 0 |



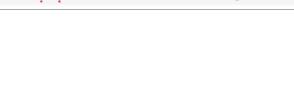
Total CO2 removed /Year - Simulation!P21 (Sim 11)

Report: Sensitivity Report

Performed By: ahmedehtisham

Date: Friday, April 28, 2023

Sensitivity Analysis

| Rank | Cell | Name | Description | Range of Mean |
|------|----------------|---------------------|---|---|
| #1 | Simulation!F27 | June / °F | RiskNormal(95.3,9.53,RiskStatic(95.3)) |  20,131.48 |
| #2 | Simulation!F26 | May / °F | RiskNormal(93.7,9.37,RiskStatic(93.7)) |  18,826.79 |
| #3 | Simulation!F30 | September / °F | RiskNormal(91.1,9.11,RiskStatic(91.1)) |  16,570.74 |
| #4 | Simulation!F31 | October / °F | RiskNormal(86.8,8.6,RiskStatic(86)) |  11,686.80 |
| #5 | Simulation!F25 | April / °F | RiskNormal(85.4,8.54,RiskStatic(85.4)) |  11,346.39 |
| #6 | Simulation!F29 | August / °F | RiskNormal(84.6,8.46,RiskStatic(84.6)) |  10,563.71 |
| #7 | Simulation!F28 | July / °F | RiskNormal(80.8,8.08,RiskStatic(80.8)) |  7,299.46 |
| #8 | Simulation!G33 | December / Humidity | RiskTriang(65.52,72.8,100,RiskStatic(72.8)) |  2,890.99 |
| #9 | Simulation!G32 | November / Humidity | RiskTriang(61.2,68,100,RiskStatic(68)) |  2,333.38 |
| #10 | Simulation!G28 | July / Humidity | RiskTriang(43,78.8,100,RiskStatic(78.8)) |  2,111.81 |
| #11 | Simulation!G22 | January / Humidity | RiskTriang(59.13,65.7,100) |  1,880.72 |
| #12 | Simulation!D24 | March / In. | RiskUniform(28.3,30) |  1,687.20 |
| #13 | Simulation!E27 | June / mph | RiskExpon(2.3,RiskShift(23),RiskStatic(23)) |  1,687.02 |



Total CO2 removed /Year - Simulation!P21 (Sim 11)

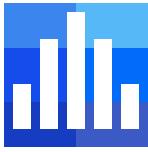
Report: Sensitivity Report

Performed By: ahmedehtisham

Date: Friday, April 28, 2023

Sensitivity Analysis

| Rank | Cell | Name | Description | Range of Mean |
|------|----------------|---------------|--|---|
| #14 | Simulation!F32 | November / °F | RiskNormal(74.7,7.47,RiskStatic(74.7)) |  1,683.87 |
| #15 | Simulation!D25 | April / In. | RiskUniform(28.3,30) |  1,640.73 |
| #16 | Simulation!D28 | July / In. | RiskUniform(28.3,30) |  1,583.51 |



Deaths reduced - Simulation!W21 (Sim 11)

Report:

Sensitivity Report

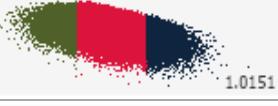
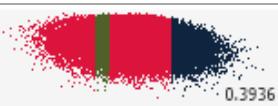
Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023

Sensitivity Analysis

| Rank | Cell | Name | Description | Range of Mean |
|------|----------------|---------------------|---|---|
| #1 | Simulation!F27 | June / °F | RiskNormal(95.3,9.53,RiskStatic(95.3)) |  1.0855 |
| #2 | Simulation!F26 | May / °F | RiskNormal(93.7,9.37,RiskStatic(93.7)) |  1.0151 |
| #3 | Simulation!F30 | September / °F | RiskNormal(91.1,9.11,RiskStatic(91.1)) |  0.8935 |
| #4 | Simulation!F31 | October / °F | RiskNormal(86,8.6,RiskStatic(86)) |  0.6301 |
| #5 | Simulation!F25 | April / °F | RiskNormal(85.4,8.54,RiskStatic(85.4)) |  0.6118 |
| #6 | Simulation!F29 | August / °F | RiskNormal(84.6,8.46,RiskStatic(84.6)) |  0.5696 |
| #7 | Simulation!F28 | July / °F | RiskNormal(80.8,8.08,RiskStatic(80.8)) |  0.3936 |
| #8 | Simulation!G33 | December / Humidity | RiskTriang(65.52,72.8,100,RiskStatic(72.8)) |  0.1559 |
| #9 | Simulation!G32 | November / Humidity | RiskTriang(61.2,68,100,RiskStatic(68)) |  0.1258 |
| #10 | Simulation!G28 | July / Humidity | RiskTriang(43,78.8,100,RiskStatic(78.8)) |  0.1139 |
| #11 | Simulation!G22 | January / Humidity | RiskTriang(59.13,65.7,100) |  0.1014 |
| #12 | Simulation!D24 | March / In. | RiskUniform(28.3,30) |  0.0910 |
| #13 | Simulation!E27 | June / mph | RiskExpon(2.3,RiskShift(23),RiskStatic(23)) |  0.0910 |



Deaths reduced - Simulation!W21 (Sim 11)

Report:
Performed By:
Date:

Sensitivity Report
ahmedehtisham
Friday, April 28, 2023

Sensitivity Analysis

| Rank | Cell | Name | Description | Range of Mean |
|------|----------------|---------------|--|---|
| #14 | Simulation!F32 | November / °F | RiskNormal(74.7,7.47,RiskStatic(74.7)) |  0.0908 |
| #15 | Simulation!D25 | April / In. | RiskUniform(28.3,30) |  0.0885 |
| #16 | Simulation!D28 | July / In. | RiskUniform(28.3,30) |  0.0854 |



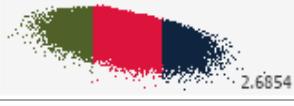
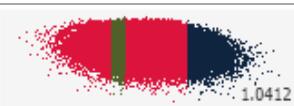
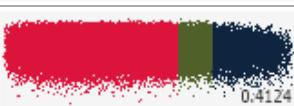
Respiratory infections, asthma reduced - Simulation!X21 (Sim 11)

Report: Sensitivity Report

Performed By: ahmedehtisham

Date: Friday, April 28, 2023

Sensitivity Analysis

| Rank | Cell | Name | Description | Range of Mean |
|------|----------------|---------------------|---|--|
| #1 | Simulation!F27 | June / °F | RiskNormal(95.3,9.53,RiskStatic(95.3)) |  2.8715 |
| #2 | Simulation!F26 | May / °F | RiskNormal(93.7,9.37,RiskStatic(93.7)) |  2.6854 |
| #3 | Simulation!F30 | September / °F | RiskNormal(91.1,9.11,RiskStatic(91.1)) |  2.3636 |
| #4 | Simulation!F31 | October / °F | RiskNormal(86,8.6,RiskStatic(86)) |  1.6670 |
| #5 | Simulation!F25 | April / °F | RiskNormal(85.4,8.54,RiskStatic(85.4)) |  1.6184 |
| #6 | Simulation!F29 | August / °F | RiskNormal(84.6,8.46,RiskStatic(84.6)) |  1.5068 |
| #7 | Simulation!F28 | July / °F | RiskNormal(80.8,8.08,RiskStatic(80.8)) |  1.0412 |
| #8 | Simulation!G33 | December / Humidity | RiskTriang(65.52,72.8,100,RiskStatic(72.8)) |  0.4124 |
| #9 | Simulation!G32 | November / Humidity | RiskTriang(61.2,68,100,RiskStatic(68)) |  0.3328 |
| #10 | Simulation!G28 | July / Humidity | RiskTriang(43,78.8,100,RiskStatic(78.8)) |  0.3012 |
| #11 | Simulation!G22 | January / Humidity | RiskTriang(59.13,65.7,100) |  0.2683 |
| #12 | Simulation!D24 | March / In. | RiskUniform(28.3,30) |  0.2407 |
| #13 | Simulation!E27 | June / mph | RiskExpon(2.3,RiskShift(23),RiskStatic(23)) |  0.2406 |



Respiratory infections, asthma reduced - Simulation!X21 (Sim 11)

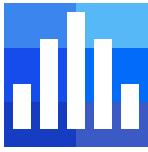
Report: Sensitivity Report

Performed By: ahmedehtisham

Date: Friday, April 28, 2023

Sensitivity Analysis

| Rank | Cell | Name | Description | Range of Mean |
|------|----------------|---------------|--|--|
| #14 | Simulation!F32 | November / °F | RiskNormal(74.7,7.47,RiskStatic(74.7)) |  0.2402 |
| #15 | Simulation!D25 | April / In. | RiskUniform(28.3,30) |  0.2340 |
| #16 | Simulation!D28 | July / In. | RiskUniform(28.3,30) |  0.2259 |



Trachea, bronchus, lung cancers reduced - Simulation!Y21 (Sim 11)

Report:

Sensitivity Report

Performed By:

ahmedehtisham

Date:

Friday, April 28, 2023

Sensitivity Analysis

| Rank | Cell | Name | Description | Range of Mean |
|------|----------------|---------------------|---|---|
| #1 | Simulation!F27 | June / °F | RiskNormal(95.3,9.53,RiskStatic(95.3)) |  0.13828 |
| #2 | Simulation!F26 | May / °F | RiskNormal(93.7,9.37,RiskStatic(93.7)) |  0.12932 |
| #3 | Simulation!F30 | September / °F | RiskNormal(91.1,9.11,RiskStatic(91.1)) |  0.11382 |
| #4 | Simulation!F31 | October / °F | RiskNormal(86,8.6,RiskStatic(86)) |  0.08027 |
| #5 | Simulation!F25 | April / °F | RiskNormal(85.4,8.54,RiskStatic(85.4)) |  0.07794 |
| #6 | Simulation!F29 | August / °F | RiskNormal(84.6,8.46,RiskStatic(84.6)) |  0.07256 |
| #7 | Simulation!F28 | July / °F | RiskNormal(80.8,8.08,RiskStatic(80.8)) |  0.05014 |
| #8 | Simulation!G33 | December / Humidity | RiskTriang(65.52,72.8,100,RiskStatic(72.8)) |  0.01986 |
| #9 | Simulation!G32 | November / Humidity | RiskTriang(61.2,68,100,RiskStatic(68)) |  0.01603 |
| #10 | Simulation!G28 | July / Humidity | RiskTriang(43,78.8,100,RiskStatic(78.8)) |  0.01451 |
| #11 | Simulation!G22 | January / Humidity | RiskTriang(59.13,65.7,100) |  0.01292 |
| #12 | Simulation!D24 | March / In. | RiskUniform(28.3,30) |  0.01159 |
| #13 | Simulation!E27 | June / mph | RiskExpon(2.3,RiskShift(23),RiskStatic(23)) |  0.01159 |



Trachea, bronchus, lung cancers reduced - Simulation!Y21 (Sim 11)

Report: Sensitivity Report

Performed By: ahmedehtisham

Date: Friday, April 28, 2023

Sensitivity Analysis

| Rank | Cell | Name | Description | Range of Mean |
|------|----------------|---------------|--|--|
| #14 | Simulation!F32 | November / °F | RiskNormal(74.7,7.47,RiskStatic (74.7)) |  0.01157 |
| #15 | Simulation!D25 | April / In. | RiskUniform(28.3,30) |  0.01127 |
| #16 | Simulation!D28 | July / In. | RiskUniform(28.3,30) |  0.01088 |



Ischaemic heart disease - Simulation!Z21 (Sim 11)

Report: Sensitivity Report

Performed By: ahmedehtisham

Date: Friday, April 28, 2023

Sensitivity Analysis

| Rank | Cell | Name | Description | Range of Mean |
|------|----------------|---------------------|---|---------------|
| #1 | Simulation!F27 | June / °F | RiskNormal(95.3,9.53,RiskStatic(95.3)) | 5.663 |
| #2 | Simulation!F26 | May / °F | RiskNormal(93.7,9.37,RiskStatic(93.7)) | 5.296 |
| #3 | Simulation!F30 | September / °F | RiskNormal(91.1,9.11,RiskStatic(91.1)) | 4.661 |
| #4 | Simulation!F31 | October / °F | RiskNormal(86,8.6,RiskStatic(86)) | 3.287 |
| #5 | Simulation!F25 | April / °F | RiskNormal(85.4,8.54,RiskStatic(85.4)) | 3.192 |
| #6 | Simulation!F29 | August / °F | RiskNormal(84.6,8.46,RiskStatic(84.6)) | 2.971 |
| #7 | Simulation!F28 | July / °F | RiskNormal(80.8,8.08,RiskStatic(80.8)) | 2.053 |
| #8 | Simulation!G33 | December / Humidity | RiskTriang(65.52,72.8,100,RiskStatic(72.8)) | 0.813 |
| #9 | Simulation!G32 | November / Humidity | RiskTriang(61.2,68,100,RiskStatic(68)) | 0.656 |
| #10 | Simulation!G28 | July / Humidity | RiskTriang(43,78.8,100,RiskStatic(78.8)) | 0.594 |
| #11 | Simulation!G22 | January / Humidity | RiskTriang(59.13,65.7,100) | 0.529 |
| #12 | Simulation!D24 | March / In. | RiskUniform(28.3,30) | 0.475 |
| #13 | Simulation!E27 | June / mph | RiskExpon(2.3,RiskShift(23),RiskStatic(23)) | 0.475 |



Ischaemic heart disease - Simulation!Z21 (Sim 11)

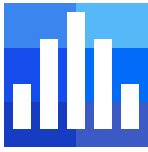
Report: Sensitivity Report

Performed By: ahmedehtisham

Date: Friday, April 28, 2023

Sensitivity Analysis

| Rank | Cell | Name | Description | Range of Mean |
|------|----------------|---------------|--|--|
| #14 | Simulation!F32 | November / °F | RiskNormal(74.7,7.47,RiskStatic(74.7)) |  0.474 |
| #15 | Simulation!D25 | April / In. | RiskUniform(28.3,30) |  0.462 |
| #16 | Simulation!D28 | July / In. | RiskUniform(28.3,30) |  0.445 |



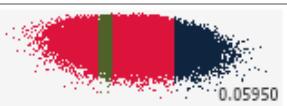
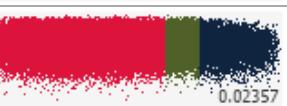
Chronic Obstructive pulmonary disease reduced - Simulation!AA21 (Sim)

Report: Sensitivity Report

Performed By: ahmedehtisham

Date: Friday, April 28, 2023

Sensitivity Analysis

| Rank | Cell | Name | Description | Range of Mean |
|------|----------------|---------------------|---|---|
| #1 | Simulation!F27 | June / °F | RiskNormal(95.3,9.53,RiskStatic(95.3)) |  0.16411 |
| #2 | Simulation!F26 | May / °F | RiskNormal(93.7,9.37,RiskStatic(93.7)) |  0.15347 |
| #3 | Simulation!F30 | September / °F | RiskNormal(91.1,9.11,RiskStatic(91.1)) |  0.13508 |
| #4 | Simulation!F31 | October / °F | RiskNormal(86,8.6,RiskStatic(86)) |  0.09527 |
| #5 | Simulation!F25 | April / °F | RiskNormal(85.4,8.54,RiskStatic(85.4)) |  0.09249 |
| #6 | Simulation!F29 | August / °F | RiskNormal(84.6,8.46,RiskStatic(84.6)) |  0.08611 |
| #7 | Simulation!F28 | July / °F | RiskNormal(80.8,8.08,RiskStatic(80.8)) |  0.05950 |
| #8 | Simulation!G33 | December / Humidity | RiskTriang(65.52,72.8,100,RiskStatic(72.8)) |  0.02357 |
| #9 | Simulation!G32 | November / Humidity | RiskTriang(61.2,68,100,RiskStatic(68)) |  0.01902 |
| #10 | Simulation!G28 | July / Humidity | RiskTriang(43,78.8,100,RiskStatic(78.8)) |  0.01721 |
| #11 | Simulation!G22 | January / Humidity | RiskTriang(59.13,65.7,100) |  0.01533 |
| #12 | Simulation!D24 | March / In. | RiskUniform(28.3,30) |  0.01375 |
| #13 | Simulation!E27 | June / mph | RiskExpon(2.3,RiskShift(23),RiskStatic(23)) |  0.01375 |



Chronic Obstructive pulmonary disease reduced - Simulation!AA21 (Sim)

Report: Sensitivity Report

Performed By: ahmedehtisham

Date: Friday, April 28, 2023

Sensitivity Analysis

| Rank | Cell | Name | Description | Range of Mean |
|------|----------------|---------------|--|--|
| #14 | Simulation!F32 | November / °F | RiskNormal(74.7,7.47,RiskStatic(74.7)) |  0.01373 |
| #15 | Simulation!D25 | April / In. | RiskUniform(28.3,30) |  0.01337 |
| #16 | Simulation!D28 | July / In. | RiskUniform(28.3,30) |  0.01291 |



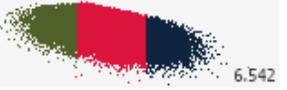
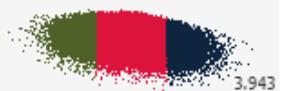
Blindness and vision loss - Simulation!AB21 (Sim 11)

Report: Sensitivity Report

Performed By: ahmedehtisham

Date: Friday, April 28, 2023

Sensitivity Analysis

| Rank | Cell | Name | Description | Range of Mean |
|------|----------------|---------------------|---|---|
| #1 | Simulation!F27 | June / °F | RiskNormal(95.3,9.53,RiskStatic(95.3)) |  6.995 |
| #2 | Simulation!F26 | May / °F | RiskNormal(93.7,9.37,RiskStatic(93.7)) |  6.542 |
| #3 | Simulation!F30 | September / °F | RiskNormal(91.1,9.11,RiskStatic(91.1)) |  5.758 |
| #4 | Simulation!F31 | October / °F | RiskNormal(86.8,8.6,RiskStatic(86)) |  4.061 |
| #5 | Simulation!F25 | April / °F | RiskNormal(85.4,8.54,RiskStatic(85.4)) |  3.943 |
| #6 | Simulation!F29 | August / °F | RiskNormal(84.6,8.46,RiskStatic(84.6)) |  3.671 |
| #7 | Simulation!F28 | July / °F | RiskNormal(80.8,8.08,RiskStatic(80.8)) |  2.536 |
| #8 | Simulation!G33 | December / Humidity | RiskTriang(65.52,72.8,100,RiskStatic(72.8)) |  1.005 |
| #9 | Simulation!G32 | November / Humidity | RiskTriang(61.2,68,100,RiskStatic(68)) |  0.811 |
| #10 | Simulation!G28 | July / Humidity | RiskTriang(43,78.8,100,RiskStatic(78.8)) |  0.734 |
| #11 | Simulation!G22 | January / Humidity | RiskTriang(59.13,65.7,100) |  0.654 |
| #12 | Simulation!D24 | March / In. | RiskUniform(28.3,30) |  0.586 |
| #13 | Simulation!E27 | June / mph | RiskExpon(2.3,RiskShift(23),RiskStatic(23)) |  0.586 |



Blindness and vision loss - Simulation!AB21 (Sim 11)

Report: Sensitivity Report

Performed By: ahmedehtisham

Date: Friday, April 28, 2023

Sensitivity Analysis

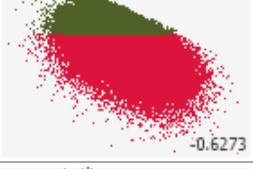
| Rank | Cell | Name | Description | Range of Mean |
|------|----------------|---------------|--|--|
| #14 | Simulation!F32 | November / °F | RiskNormal(74.7,7.47,RiskStatic(74.7)) |  0.585 |
| #15 | Simulation!D25 | April / In. | RiskUniform(28.3,30) |  0.570 |
| #16 | Simulation!D28 | July / In. | RiskUniform(28.3,30) |  0.550 |



Total CO2 removed /Year - Simulation!P21 (Sim 11)

Report: Scenarios Scatter Report
Performed By: ahmedehtisham
Date: Friday, April 28, 2023

Scenarios Analysis

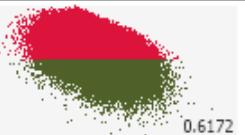
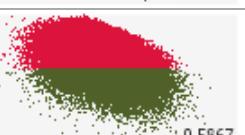
| Rank | Cell | Name | Function | Input Significance 75% < Output < 100% |
|------|----------------|-----------|--|---|
| #1 | Simulation!F27 | June / °F | RiskNormal (95.3,9.53,RiskStatic(95.3)) |  |
| #2 | Simulation!F26 | May / °F | RiskNormal (93.7,9.37,RiskStatic(93.7)) |  |



Total CO2 removed /Year - Simulation!P21 (Sim 11)

Report: Scenarios Scatter Report
Performed By: ahmedehtisham
Date: Friday, April 28, 2023

Scenarios Analysis

| Rank | Cell | Name | Function | Input Significance 0% < Output < 25% |
|------|----------------|----------------|--|---|
| #1 | Simulation!F27 | June / °F | RiskNormal (95.3,9.53,RiskStatic(95.3)) |  0.6412 |
| #2 | Simulation!F26 | May / °F | RiskNormal (93.7,9.37,RiskStatic(93.7)) |  0.6172 |
| #3 | Simulation!F30 | September / °F | RiskNormal (91.1,9.11,RiskStatic(91.1)) |  0.5867 |



Total CO2 removed /Year - Simulation!P21 (Sim 11)

Report: Scenarios Scatter Report
Performed By: ahmedehtisham
Date: Friday, April 28, 2023

Scenarios Analysis

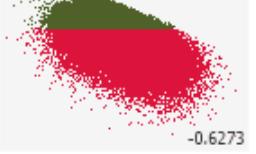
| Rank | Cell | Name | Function | Input Significance 90% < Output < 100% |
|------|----------------|----------------|--|--|
| #1 | Simulation!F27 | June / °F | RiskNormal (95.3,9.53,RiskStatic(95.3)) |  -0.8365 |
| #2 | Simulation!F26 | May / °F | RiskNormal (93.7,9.37,RiskStatic(93.7)) |  -0.7644 |
| #3 | Simulation!F30 | September / °F | RiskNormal (91.1,9.11,RiskStatic(91.1)) |  -0.6130 |



Deaths reduced - Simulation!W21 (Sim 11)

Report: Scenarios Scatter Report
Performed By: ahmedehtisham
Date: Friday, April 28, 2023

Scenarios Analysis

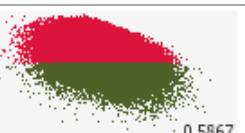
| Rank | Cell | Name | Function | Input Significance 75% < Output < 100% |
|------|----------------|-----------|--|--|
| #1 | Simulation!F27 | June / °F | RiskNormal (95.3,9.53,RiskStatic(95.3)) |  -0.6273 |
| #2 | Simulation!F26 | May / °F | RiskNormal (93.7,9.37,RiskStatic(93.7)) |  -0.5769 |



Deaths reduced - Simulation!W21 (Sim 11)

Report: Scenarios Scatter Report
Performed By: ahmedehtisham
Date: Friday, April 28, 2023

Scenarios Analysis

| Rank | Cell | Name | Function | Input Significance 0% < Output < 25% |
|------|----------------|----------------|--|---|
| #1 | Simulation!F27 | June / °F | RiskNormal (95.3,9.53,RiskStatic(95.3)) |  |
| #2 | Simulation!F26 | May / °F | RiskNormal (93.7,9.37,RiskStatic(93.7)) |  |
| #3 | Simulation!F30 | September / °F | RiskNormal (91.1,9.11,RiskStatic(91.1)) |  |



Deaths reduced - Simulation!W21 (Sim 11)

Report: Scenarios Scatter Report
Performed By: ahmedehtisham
Date: Friday, April 28, 2023

Scenarios Analysis

| Rank | Cell | Name | Function | Input Significance 90% < Output < 100% |
|------|----------------|----------------|--|--|
| #1 | Simulation!F27 | June / °F | RiskNormal (95.3,9.53,RiskStatic(95.3)) |  -0.8365 |
| #2 | Simulation!F26 | May / °F | RiskNormal (93.7,9.37,RiskStatic(93.7)) |  -0.7644 |
| #3 | Simulation!F30 | September / °F | RiskNormal (91.1,9.11,RiskStatic(91.1)) |  -0.6130 |



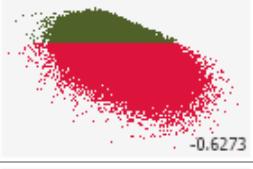
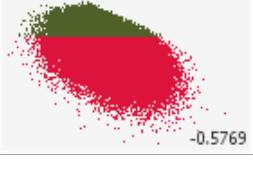
Respiratory infections, ashtma reduced - Simulation!X21 (Sim 11)

Report: Scenarios Scatter Report

Performed By: ahmedehtisham

Date: Friday, April 28, 2023

Scenarios Analysis

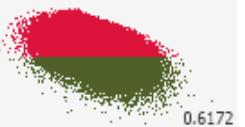
| Rank | Cell | Name | Function | Input Significance 75% < Output < 100% |
|------|----------------|-----------|--|---|
| #1 | Simulation!F27 | June / °F | RiskNormal (95.3,9.53,RiskStatic(95.3)) |  |
| #2 | Simulation!F26 | May / °F | RiskNormal (93.7,9.37,RiskStatic(93.7)) |  |



Respiratory infections, ashtma reduced - Simulation!X21 (Sim 11)

Report: Scenarios Scatter Report
Performed By: ahmedehtisham
Date: Friday, April 28, 2023

Scenarios Analysis

| Rank | Cell | Name | Function | Input Significance 0% < Output < 25% |
|------|----------------|----------------|--|---|
| #1 | Simulation!F27 | June / °F | RiskNormal (95.3,9.53,RiskStatic(95.3)) |  |
| #2 | Simulation!F26 | May / °F | RiskNormal (93.7,9.37,RiskStatic(93.7)) |  |
| #3 | Simulation!F30 | September / °F | RiskNormal (91.1,9.11,RiskStatic(91.1)) |  |



Respiratory infections, ashtma reduced - Simulation!X21 (Sim 11)

Report: Scenarios Scatter Report
Performed By: ahmedehtisham
Date: Friday, April 28, 2023

Scenarios Analysis

| Rank | Cell | Name | Function | Input Significance 90% < Output < 100% |
|------|----------------|----------------|--|--|
| #1 | Simulation!F27 | June / °F | RiskNormal (95.3,9.53,RiskStatic(95.3)) |  -0.8365 |
| #2 | Simulation!F26 | May / °F | RiskNormal (93.7,9.37,RiskStatic(93.7)) |  -0.7644 |
| #3 | Simulation!F30 | September / °F | RiskNormal (91.1,9.11,RiskStatic(91.1)) |  -0.6130 |



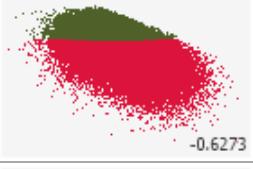
Trachea, bronchus, lung cancers reduced - Simulation!Y21 (Sim 11)

Report: Scenarios Scatter Report

Performed By: ahmedehtisham

Date: Friday, April 28, 2023

Scenarios Analysis

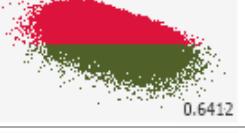
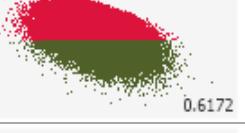
| Rank | Cell | Name | Function | Input Significance 75% < Output < 100% |
|------|----------------|-----------|--|--|
| #1 | Simulation!F27 | June / °F | RiskNormal (95.3,9.53,RiskStatic(95.3)) |  -0.6273 |
| #2 | Simulation!F26 | May / °F | RiskNormal (93.7,9.37,RiskStatic(93.7)) |  -0.5769 |



Trachea, bronchus, lung cancers reduced - Simulation!Y21 (Sim 11)

Report: Scenarios Scatter Report
Performed By: ahmedehtisham
Date: Friday, April 28, 2023

Scenarios Analysis

| Rank | Cell | Name | Function | Input Significance 0% < Output < 25% |
|------|----------------|----------------|--|---|
| #1 | Simulation!F27 | June / °F | RiskNormal (95.3,9.53,RiskStatic(95.3)) |  |
| #2 | Simulation!F26 | May / °F | RiskNormal (93.7,9.37,RiskStatic(93.7)) |  |
| #3 | Simulation!F30 | September / °F | RiskNormal (91.1,9.11,RiskStatic(91.1)) |  |



Trachea, bronchus, lung cancers reduced - Simulation!Y21 (Sim 11)

Report: Scenarios Scatter Report

Performed By: ahmedehtisham

Date: Friday, April 28, 2023

Scenarios Analysis

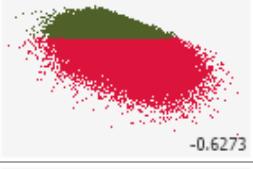
| Rank | Cell | Name | Function | Input Significance 90% < Output < 100% |
|------|----------------|----------------|--|---|
| #1 | Simulation!F27 | June / °F | RiskNormal (95.3,9.53,RiskStatic(95.3)) | -0.8365 |
| #2 | Simulation!F26 | May / °F | RiskNormal (93.7,9.37,RiskStatic(93.7)) | -0.7644 |
| #3 | Simulation!F30 | September / °F | RiskNormal (91.1,9.11,RiskStatic(91.1)) | -0.6130 |



Ischaemic heart disease - Simulation!Z21 (Sim 11)

Report: Scenarios Scatter Report
Performed By: ahmedehtisham
Date: Friday, April 28, 2023

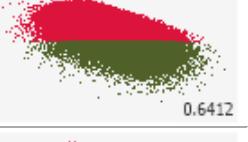
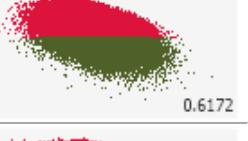
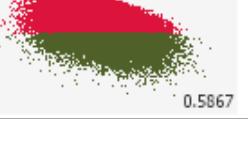
Scenarios Analysis

| Rank | Cell | Name | Function | Input Significance 75% < Output < 100% |
|------|----------------|-----------|--|--|
| #1 | Simulation!F27 | June / °F | RiskNormal (95.3,9.53,RiskStatic(95.3)) |  -0.6273 |
| #2 | Simulation!F26 | May / °F | RiskNormal (93.7,9.37,RiskStatic(93.7)) |  -0.5769 |



Ischaemic heart disease - Simulation!Z21 (Sim 11)

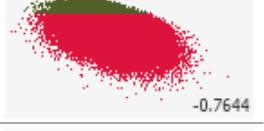
Report: Scenarios Scatter Report
Performed By: ahmedehtisham
Date: Friday, April 28, 2023

| Scenarios Analysis | | | | |
|--------------------|----------------|----------------|--|---|
| Rank | Cell | Name | Function | Input Significance 0% < Output < 25% |
| #1 | Simulation!F27 | June / °F | RiskNormal (95.3,9.53,RiskStatic(95.3)) |  0.6412 |
| #2 | Simulation!F26 | May / °F | RiskNormal (93.7,9.37,RiskStatic(93.7)) |  0.6172 |
| #3 | Simulation!F30 | September / °F | RiskNormal (91.1,9.11,RiskStatic(91.1)) |  0.5867 |



Ischaemic heart disease - Simulation!Z21 (Sim 11)

Report: Scenarios Scatter Report
Performed By: ahmedehtisham
Date: Friday, April 28, 2023

| Scenarios Analysis | | | | |
|--------------------|----------------|----------------|--|--|
| Rank | Cell | Name | Function | Input Significance 90% < Output < 100% |
| #1 | Simulation!F27 | June / °F | RiskNormal (95.3,9.53,RiskStatic(95.3)) |  -0.8365 |
| #2 | Simulation!F26 | May / °F | RiskNormal (93.7,9.37,RiskStatic(93.7)) |  -0.7644 |
| #3 | Simulation!F30 | September / °F | RiskNormal (91.1,9.11,RiskStatic(91.1)) |  -0.6130 |



Chronic Obstructive pulmonary disease reduced - Simulation!AA21 (Sim)

Report: Scenarios Scatter Report

Performed By: ahmedehtisham

Date: Friday, April 28, 2023

Scenarios Analysis

| Rank | Cell | Name | Function | Input Significance 75% < Output < 100% |
|------|----------------|-----------|--|---|
| #1 | Simulation!F27 | June / °F | RiskNormal (95.3,9.53,RiskStatic(95.3)) | -0.6273 |
| #2 | Simulation!F26 | May / °F | RiskNormal (93.7,9.37,RiskStatic(93.7)) | -0.5769 |



Chronic Obstructive pulmonary disease reduced - Simulation!AA21 (Sim)

Report: Scenarios Scatter Report
Performed By: ahmedehtisham
Date: Friday, April 28, 2023

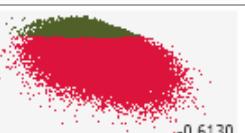
| Scenarios Analysis | | | | |
|--------------------|----------------|----------------|--|---|
| Rank | Cell | Name | Function | Input Significance 0% < Output < 25% |
| #1 | Simulation!F27 | June / °F | RiskNormal (95.3,9.53,RiskStatic(95.3)) |  |
| #2 | Simulation!F26 | May / °F | RiskNormal (93.7,9.37,RiskStatic(93.7)) |  |
| #3 | Simulation!F30 | September / °F | RiskNormal (91.1,9.11,RiskStatic(91.1)) |  |



Chronic Obstructive pulmonary disease reduced - Simulation!AA21 (Sim)

Report: Scenarios Scatter Report
Performed By: ahmedehtisham
Date: Friday, April 28, 2023

Scenarios Analysis

| Rank | Cell | Name | Function | Input Significance 90% < Output < 100% |
|------|----------------|----------------|--|--|
| #1 | Simulation!F27 | June / °F | RiskNormal (95.3,9.53,RiskStatic(95.3)) |  -0.8365 |
| #2 | Simulation!F26 | May / °F | RiskNormal (93.7,9.37,RiskStatic(93.7)) |  -0.7644 |
| #3 | Simulation!F30 | September / °F | RiskNormal (91.1,9.11,RiskStatic(91.1)) |  -0.6130 |



Blindness and vision loss - Simulation!AB21 (Sim 11)

Report: Scenarios Scatter Report
Performed By: ahmedehtisham
Date: Friday, April 28, 2023

Scenarios Analysis

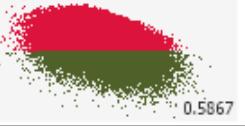
| Rank | Cell | Name | Function | Input Significance 75% < Output < 100% |
|------|----------------|-----------|--|--|
| #1 | Simulation!F27 | June / °F | RiskNormal (95.3,9.53,RiskStatic(95.3)) |  -0.6273 |
| #2 | Simulation!F26 | May / °F | RiskNormal (93.7,9.37,RiskStatic(93.7)) |  -0.5769 |



Blindness and vision loss - Simulation!AB21 (Sim 11)

Report: Scenarios Scatter Report
Performed By: ahmedehtisham
Date: Friday, April 28, 2023

Scenarios Analysis

| Rank | Cell | Name | Function | Input Significance 0% < Output < 25% |
|------|----------------|----------------|--|---|
| #1 | Simulation!F27 | June / °F | RiskNormal (95.3,9.53,RiskStatic(95.3)) |  0.6412 |
| #2 | Simulation!F26 | May / °F | RiskNormal (93.7,9.37,RiskStatic(93.7)) |  0.6172 |
| #3 | Simulation!F30 | September / °F | RiskNormal (91.1,9.11,RiskStatic(91.1)) |  0.5867 |



Blindness and vision loss - Simulation!AB21 (Sim 11)

Report: Scenarios Scatter Report
Performed By: ahmedehtisham
Date: Friday, April 28, 2023

Scenarios Analysis

| Rank | Cell | Name | Function | Input Significance 90% < Output < 100% |
|------|----------------|----------------|--|--|
| #1 | Simulation!F27 | June / °F | RiskNormal (95.3,9.53,RiskStatic(95.3)) |  -0.8365 |
| #2 | Simulation!F26 | May / °F | RiskNormal (93.7,9.37,RiskStatic(93.7)) |  -0.7644 |
| #3 | Simulation!F30 | September / °F | RiskNormal (91.1,9.11,RiskStatic(91.1)) |  -0.6130 |



Automatic Report Warnings

Report: Automatic Report Warnings
Performed By: ahmedehtisham
Date: Friday, April 28, 2023

Automatic reports generation warnings

| | |
|--------------------------------------|--|
| Overlaid Simulations Report (Inputs) | Not all the inputs were included in the generated reports because the limit was reached. |
| Summary Statistics Report | Not all the inputs were included in the generated reports because the limit was reached. |