

| exposure | outcome | method    | Thresh<br>old | nsn<br>p | b         | pval     | or    | or_lci9<br>5 | or_uci95 |
|----------|---------|-----------|---------------|----------|-----------|----------|-------|--------------|----------|
| TYPE 1   | CRS     | mr_MaxLik | #####         | 26       | 0.04793   | 0.002722 | 1.049 | 1.0167       | 1.0825   |
| TYPE 1   | CRS     | mr_Median | #####         | 26       | 0.0673    | 0.003932 | 1.07  | 1.0218       | 1.11968  |
| TYPE 1   | CRS     | mr_mbe    | #####         | 26       | 0.07765   | 0.001225 | 1.081 | 1.031        | 1.13283  |
| CRS      | TYPE 1  | mr_MaxLik | #####         | 16       | 9.31707   | 0.523375 | 11126 | #####        | 3E+16    |
| CRS      | TYPE 1  | mr_Median | #####         | 16       | 21.5957   | 0.264752 | 2E+09 | #####        | 7.28E+25 |
| CRS      | TYPE 1  | mr_mbe    | #####         | 16       | 21.3799   | 0.448966 | 2E+09 | #####        | 2.10E+33 |
| AS       | CRS     | mr_MaxLik | #####         | 14       | 7.27079   | 0.056731 | 1438  | 0.8119       | 2545970  |
| AS       | CRS     | mr_Median | #####         | 14       | 7.42471   | 0.177484 | 1677  | 0.0345       | 8.1E+07  |
| AS       | CRS     | mr_mbe    | #####         | 14       | 6.76935   | 0.178579 | 870.7 | 0.0453       | 1.7E+07  |
| CRS      | AS      | mr_MaxLik | #####         | 18       | 24.4213   | 0.097464 | 4E+10 | 0.0116       | 1.41E+23 |
| CRS      | AS      | mr_Median | #####         | 18       | 0.11544   | 0.995346 | 1.122 | #####        | 7.9E+16  |
| CRS      | AS      | mr_mbe    | #####         | 18       | -5.8034   | 0.806254 | 0.003 | #####        | 4.2E+17  |
| RA       | CRS     | mr_MaxLik | #####         | 52       | 0.00028   | 0.043799 | 1     | 1            | 1.00055  |
| RA       | CRS     | mr_Median | #####         | 52       | 0.00034   | 0.151975 | 1     | 0.9999       | 1.00081  |
| RA       | CRS     | mr_mbe    | #####         | 52       | 0.0004    | 0.071683 | 1     | 1            | 1.00084  |
| CRS      | RA      | mr_MaxLik | #####         | 4        | 31.6828   | 0.046165 | 6E+13 | 1.7132       | 1.9E+27  |
| CRS      | RA      | mr_Median | #####         | 4        | 35.3634   | 0.079625 | 2E+15 | 0.0153       | 3.4E+32  |
| CRS      | RA      | mr_mbe    | #####         | 4        | 39.0596   | 0.098022 | 9E+16 | 0.0007       | 1.1E+37  |
| UC       | CRS     | mr_MaxLik | #####         | 51       | -0.0004   | 0.014065 | 1     | 0.9994       | 1.00E+00 |
| UC       | CRS     | mr_Median | #####         | 51       | -0.0007   | 0.002578 | 0.999 | #####        | 0.99977  |
| UC       | CRS     | mr_mbe    | #####         | 51       | -0.0007   | 0.035884 | 0.999 | #####        | 0.99995  |
| CRS      | UC      | mr_MaxLik | #####         | 16       | 9.3459    | 0.171189 | 11452 | 0.0176       | 7.5E+09  |
| CRS      | UC      | mr_Median | #####         | 16       | 5.01027   | 0.573522 | 149.9 | #####        | 5.7E+09  |
| CRS      | UC      | mr_mbe    | #####         | 16       | 1.96703   | 0.895051 | 7.149 | #####        | 3.5E+13  |
| CD       | CRS     | mr_MaxLik | #####         | 78       | 4.09E-05  | 0.705649 | 1     | 0.9998       | 1.00025  |
| CD       | CRS     | mr_Median | #####         | 78       | 6.69E-05  | 0.688455 | 1     | 0.9997       | 1.00039  |
| CD       | CRS     | mr_mbe    | #####         | 78       | -5.31E-05 | 0.836224 | 1     | 0.9994       | 1.00045  |
| CRS      | CD      | mr_MaxLik | #####         | 16       | -3.0977   | 0.653164 | 0.045 | #####        | 33303.3  |
| CRS      | CD      | mr_Median | #####         | 16       | -4.0962   | 0.661776 | 0.017 | #####        | 1553926  |

|                |                |           |       |    |           |          |       |        |          |
|----------------|----------------|-----------|-------|----|-----------|----------|-------|--------|----------|
| CRS            | CD             | mr_mbe    | ##### | 16 | -16.09    | 0.346538 | ##### | #####  | 3.6E+07  |
| SLE            | CRS            | mr_MaxLik | ##### | 17 | -8.67E-05 | 0.308847 | 1     | 0.9997 | 1.00008  |
| SLE            | CRS            | mr_Median | ##### | 17 | -2.37E-05 | 0.83408  | 1     | 0.9998 | 1.0002   |
| SLE            | CRS            | mr_mbe    | ##### | 17 | -2.59E-05 | 0.862395 | 1     | 0.9997 | 1.00027  |
| CRS            | SLE            | mr_MaxLik | ##### | 18 | -11.685   | 0.661889 | ##### | #####  | 4.7E+17  |
| CRS            | SLE            | mr_Median | ##### | 18 | -11.029   | 0.749642 | ##### | #####  | 4.27E+24 |
| CRS            | SLE            | mr_mbe    | ##### | 18 | -6.2956   | 0.86571  | 0.002 | #####  | 9.01E+28 |
| AR             | CRS            | mr_MaxLik | ##### | 21 | 8.2634    | 1.19E-11 | 3879  | 356.05 | 42266.2  |
| AR             | CRS            | mr_Median | ##### | 21 | 6.91585   | 2.86E-05 | 1008  | 39.507 | 25725.1  |
| AR             | CRS            | mr_mbe    | ##### | 21 | 5.42789   | 0.051125 | 227.7 | 0.9737 | 53232.2  |
| CRS            | AR             | mr_MaxLik | ##### | 19 | 8.11132   | 0.271054 | 3332  | 0.0018 | 6.2E+09  |
| CRS            | AR             | mr_Median | ##### | 19 | 16.3298   | 0.11332  | 1E+07 | 0.0206 | 7.4E+15  |
| CRS            | AR             | mr_mbe    | ##### | 19 | 18.1434   | 0.140183 | 8E+07 | 0.0026 | 2.2E+18  |
| AT             | CRS            | mr_MaxLik | ##### | 12 | 4.58E-01  | 3.26E-22 | 1.581 | 1.441  | 1.73425  |
| AT             | CRS            | mr_Median | ##### | 12 | 4.34E-01  | 4.36E-12 | 1.544 | 1.3654 | 1.74609  |
| AT             | CRS            | mr_mbe    | ##### | 12 | 4.53E-01  | 2.15E-08 | 1.573 | 1.3425 | 1.84358  |
| CRS            | AT             | mr_MaxLik | ##### | 5  | 4.29786   | 0.668082 | 73.54 | #####  | 2.5E+10  |
| CRS            | AT             | mr_Median | ##### | 5  | 5.96911   | 0.638355 | 391.2 | #####  | 2.5E+13  |
| CRS            | AT             | mr_mbe    | ##### | 5  | 9.45386   | 0.540782 | ##### | #####  | 1.8E+17  |
| Psoriasis      | CRS            | mr_MaxLik | ##### | 17 | #####     | 0.056872 | 0.047 | 0.002  | 1.09377  |
| Psoriasis      | CRS            | mr_Median | ##### | 17 | #####     | 0.053212 | 0.05  | 0.0024 | 1.04249  |
| Psoriasis      | CRS            | mr_mbe    | ##### | 17 | #####     | 0.045052 | 0.041 | 0.0018 | 0.9322   |
| CRS            | Psoriasis      | mr_MaxLik | ##### | 18 | -2.6575   | 0.756026 | ##### | #####  | 1338431  |
| CRS            | Psoriasis      | mr_Median | ##### | 18 | -4.8323   | 0.695713 | ##### | #####  | 2.62E+08 |
| CRS            | Psoriasis      | mr_mbe    | ##### | 18 | -6.6497   | 0.621303 | 0.001 | #####  | 3.72E+08 |
| Hypothyroidism | CRS            | mr_MaxLik | ##### | 63 | 1.60338   | 2.69E-03 | 4.97  | 1.744  | 14.162   |
| Hypothyroidism | CRS            | mr_Median | ##### | 63 | 1.32181   | 8.12E-02 | 3.75  | 0.8488 | 16.5701  |
| Hypothyroidism | CRS            | mr_mbe    | ##### | 63 | 1.31974   | 0.157536 | 3.742 | 0.6003 | 23.3327  |
| CRS            | Hypothyroidism | mr_MaxLik | ##### | 18 | -4.6949   | 0.291372 | 0.009 | 1E-06  | 56.0605  |
| CRS            | Hypothyroidism | mr_Median | ##### | 18 | -2.9862   | 0.640998 | 0.05  | 2E-07  | 14263.3  |

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|-----|----------------|--------|-------|----|---------|----------|-------|-------|--------|
| CRS | Hypothyroidism | mr_mbe | ##### | 18 | -2.5062 | 0.728935 | 0.082 | 6E-08 | 116862 |
|-----|----------------|--------|-------|----|---------|----------|-------|-------|--------|