Table A below supports the discussion on the Irreducible Minimums sub-page of the Scanlan's Rule page of jpscanlan.com. The fields in the table are described immediately below:

Gender	Gender
AgeGrp	Age group
WMR	White mortality rate
IrrMinRate	percent of white deaths regarded as reflecting irreducible minimum
WAdjMR	white adjusted mortality rate – [WMR]-([WMR]*[IrrMinRate])
BAdjMR	black adjusted mortality rate – [BMR]-([WMR]*[IrrMinRate])
MR	ratio of black mortality rate to white mortality rate
AdjMR	ratio of adjusted black mortality rate to adjusted white mortality rate
SR	ratio of white survival rate to black survival rate
EES	estimated effect size in terms of standard deviations of the difference between means of hypothetical white and black risk distributions based on AMR and BMR
AdjEES	estimated effect size in terms of standard deviations of the difference between means of hypothetical white and black risk distributions based on AdjMR and BAdjMR

Table A: Analysis of Mortality Differences between Blacks and Whites by Age and Gender, with and without Adjustment for Irreducible Minimums

Gender	AgeGrp	WMR	BMR	IrrMinRate	WAdjMR	BAdjMR	MR	AdjMR	SR	EES	AdjEES
M	45-49	0.44%	1.08%	10.00%	0.40%	1.04%	2.45	2.62	1.006480	0.325	0.34
M	50-54	0.70%	1.59%	20.00%	0.56%	1.45%	2.29	2.61	1.009104	0.31	0.36
M	55-59	1.16%	2.26%	40.00%	0.70%	1.81%	1.95	2.58	1.011254	0.27	0.36
M	60-64	1.85%	3.19%	50.00%	0.93%	2.28%	1.73	2.45	1.013840	0.24	0.35
M	65-69	2.80%	4.49%	60.00%	1.14%	2.86%	1.61	2.52	1.017768	0.21	0.38
M	70-74	4.33%	6.04%	70.00%	1.34%	3.11%	1.40	2.32	1.018231	0.16	0.34
M	75-79	6.60%	8.18%	80.00%	1.39%	3.07%	1.24	2.20	1.017273	0.12	0.33
M	80-84	10.26%	10.98%	90.00%	1.13%	1.93%	1.07	1.71	1.008144	0.045	0.21
F	45-49	0.24%	0.52%	10.00%	0.21%	0.50%	2.20	2.33	1.002844	0.265	0.28
F	50-54	0.40%	0.79%	20.00%	0.32%	0.71%	1.97	2.21	1.003890	0.225	0.275
F	55-59	0.65%	1.18%	40.00%	0.39%	0.92%	1.81	2.35	1.005312	0.21	0.3
F	60-64	1.02%	1.80%	50.00%	0.51%	1.30%	1.77	2.54	1.007973	0.225	0.345
F	65-69	1.55%	2.52%	60.00%	0.63%	1.61%	1.63	2.57	1.009981	0.2	0.36
F	70-74	2.43%	3.48%	70.00%	0.74%	1.81%	1.43	2.45	1.010930	0.16	0.35
F	75-79	3.85%	5.07%	80.00%	0.79%	2.06%	1.32	2.59	1.012915	0.13	0.37
F	80-84	6.46%	7.33%	90.00%	0.69%	1.62%	1.14	2.36	1.009463	0.075	0.33
F	85-89	10.89%	11.01%	90.00%	1.21%	1.34%	1.01	1.11	1.001314	0.015	0.025

* No adjusted survival rate is provided because the survival ratio and the adjusted survival ratio are the same. The reason that the adjustment does not affect the survival ratio is the following: Consider the situation of mortality rates of 10% for the advantaged group (AG) and 20% for the disadvantaged group (DG). The survival rate (in terms of the ratio of AG over DG) is 1.25 – i.e., (90/100)/(80/100). If the irreducible minimum is 5%, the figures forming the survival ratios become 90/95 and 80/95. Since the numerators are unchanged for each group and the denominators, though changed, remain the same for each group, the survival ratios are unchanged.