

Supplementary material

CRC mortality RR estimation and 95% credible interval (95%CI) in near vs far analysis for industrial sectors for both sexes, men and woman and diferent threshold distances.

Industrial sector	2km	3km	4km	5km
	RR (95% CI)	RR (95% CI)	RR (95% CI)	RR (95% CI)
1 Combustion installations	1.028 0.962 1.099	1.036 0.982 1.093	1.059 1.011 1.109	1.066 1.020 1.114
Men	1.001 0.922 1.087	1.029 0.967 1.095	1.056 1.000 1.116	1.062 1.007 1.120
Women	1.076 0.986 1.174	1.039 0.972 1.110	1.049 0.991 1.110	1.053 0.997 1.112
2 Refineries and coke ovens	0.994 0.826 1.196	1.042 0.879 1.235	1.045 0.903 1.210	1.056 0.936 1.191
Men	0.999 0.806 1.238	1.080 0.896 1.302	1.064 0.894 1.265	1.043 0.905 1.202
Women	1.072 0.877 1.310	1.104 0.912 1.336	1.018 0.855 1.212	1.059 0.919 1.220
3 Metallurgical	1.065 1.011 1.123	1.057 1.008 1.107	1.064 1.017 1.113	1.073 1.029 1.120
Men	1.059 0.995 1.128	1.023 0.970 1.080	1.068 1.012 1.126	1.080 1.027 1.135
Women	1.033 0.968 1.102	1.018 0.961 1.078	1.037 0.981 1.095	1.042 0.990 1.097
4 Galvanization	1.037 0.958 1.123	1.055 0.984 1.130	1.044 0.980 1.112	1.040 0.982 1.102
Men	1.048 0.952 1.153	1.032 0.954 1.116	1.055 0.979 1.137	1.040 0.971 1.114
Women	0.993 0.896 1.099	1.011 0.928 1.101	1.015 0.939 1.097	1.030 0.959 1.106
5 Surface treatment of metals and plastic	1.037 0.997 1.079	1.054 1.017 1.092	1.063 1.026 1.101	1.062 1.026 1.100
Men	1.049 1.000 1.100	1.022 0.980 1.065	1.067 1.022 1.113	1.063 1.019 1.109
Women	0.984 0.938 1.034	1.011 0.968 1.056	1.039 0.995 1.085	1.042 0.999 1.088
6 Mining industry	1.258 1.082 1.463	1.230 1.065 1.420	1.226 1.078 1.395	1.249 1.103 1.414
Men	1.260 1.051 1.511	1.212 1.026 1.432	1.269 1.088 1.479	1.260 1.086 1.462
Women	1.180 0.976 1.428	1.160 0.964 1.395	1.127 0.956 1.328	1.175 1.003 1.377
7 Cement and lime	0.977 0.884 1.080	1.025 0.944 1.114	1.051 0.985 1.122	1.055 0.995 1.118
Men	0.928 0.818 1.053	0.949 0.857 1.051	0.991 0.915 1.075	1.009 0.940 1.083
Women	1.049 0.921 1.194	1.099 0.987 1.223	1.137 1.048 1.233	1.115 1.037 1.199
8 Glass and mineral fibres	1.077 0.977 1.187	1.047 0.976 1.124	1.063 0.995 1.136	1.075 1.011 1.142

	Men	1.105 0.982 1.243	1.036 0.956 1.122	1.036 0.957 1.122	1.050 0.977 1.128
	Women	1.031 0.907 1.172	1.017 0.933 1.108	1.090 1.006 1.182	1.092 1.016 1.174
9 Ceramic		1.050 1.004 1.099	1.056 1.014 1.100	1.049 1.009 1.091	1.050 1.012 1.089
	Men	1.012 0.956 1.071	1.004 0.956 1.055	1.018 0.969 1.069	1.033 0.987 1.082
	Women	1.085 1.024 1.150	1.076 1.021 1.134	1.086 1.032 1.142	1.068 1.020 1.120
10 Organic chemical industry		1.011 0.958 1.067	1.033 0.987 1.082	1.038 0.994 1.083	1.053 1.010 1.098
	Men	1.015 0.951 1.083	1.019 0.966 1.074	1.054 1.001 1.110	1.066 1.013 1.121
	Women	0.979 0.915 1.049	0.989 0.935 1.047	1.009 0.957 1.064	1.022 0.971 1.076
11 Inorganic chemical industry		0.962 0.882 1.049	1.013 0.954 1.077	1.027 0.971 1.085	1.041 0.989 1.096
	Men	0.911 0.820 1.013	0.979 0.913 1.050	1.029 0.963 1.100	1.046 0.983 1.113
	Women	1.011 0.907 1.127	0.994 0.922 1.073	1.013 0.945 1.086	1.021 0.958 1.089
12 Fertilisers		1.073 0.978 1.178	1.053 0.965 1.149	1.052 0.969 1.142	1.049 0.971 1.133
	Men	1.098 0.983 1.227	1.075 0.975 1.186	1.101 0.999 1.214	1.075 0.980 1.179
	Women	1.022 0.916 1.140	0.993 0.896 1.101	0.988 0.894 1.091	1.014 0.923 1.113
13 Biocides		1.125 0.977 1.295	1.048 0.934 1.175	1.088 0.976 1.212	1.064 0.959 1.181
	Men	1.117 0.937 1.331	1.001 0.873 1.148	1.084 0.949 1.240	1.066 0.937 1.212
	Women	1.077 0.891 1.302	1.016 0.872 1.182	1.052 0.910 1.216	1.029 0.895 1.184
14 Pharmaceutical products		1.052 0.978 1.131	1.041 0.983 1.103	1.048 0.990 1.110	1.077 1.019 1.138
	Men	1.037 0.950 1.132	1.014 0.950 1.083	1.048 0.979 1.122	1.079 1.010 1.152
	Women	1.039 0.952 1.134	1.010 0.943 1.081	1.036 0.968 1.109	1.052 0.985 1.123
15 Explosives and pyrotechnics		0.983 0.895 1.080	1.027 0.951 1.109	1.028 0.957 1.104	1.017 0.949 1.089
	Men	0.990 0.881 1.113	1.011 0.923 1.108	1.009 0.924 1.102	0.995 0.914 1.083
	Women	0.984 0.870 1.112	1.035 0.938 1.141	1.049 0.958 1.149	1.042 0.955 1.138
16 Hazardous waste		1.014 0.935 1.100	1.062 1.002 1.125	1.060 1.007 1.116	1.073 1.023 1.126
	Men	1.010 0.914 1.117	1.042 0.975 1.113	1.086 1.021 1.155	1.102 1.041 1.166

	Women	1.017 0.917 1.128	1.032 0.962 1.106	1.018 0.955 1.085	1.027 0.969 1.090
17 Non-hazardous waste		1.000 0.898 1.115	1.073 1.003 1.148	1.107 1.044 1.175	1.121 1.066 1.179
	Men	1.011 0.888 1.152	1.072 0.994 1.157	1.156 1.078 1.239	1.157 1.090 1.228
	Women	0.963 0.839 1.105	1.005 0.926 1.092	1.030 0.956 1.110	1.056 0.991 1.124
18 Disposal or recycling of animal waste		1.019 0.903 1.150	1.038 0.948 1.137	1.013 0.942 1.089	1.029 0.963 1.099
	Men	0.971 0.833 1.132	1.005 0.904 1.117	0.998 0.913 1.091	1.027 0.947 1.113
	Women	1.069 0.910 1.255	1.032 0.924 1.154	1.034 0.946 1.132	1.035 0.953 1.124
19 Urban waste-water treatment plants		1.055 0.986 1.129	1.038 0.987 1.093	1.047 1.000 1.095	1.051 1.007 1.096
	Men	1.006 0.926 1.093	0.994 0.937 1.055	1.030 0.975 1.089	1.036 0.984 1.091
	Women	1.080 0.995 1.172	1.026 0.965 1.091	1.054 0.998 1.113	1.054 1.001 1.110
20 Paper and wood production		1.071 1.007 1.140	1.078 1.023 1.137	1.065 1.016 1.118	1.066 1.019 1.114
	Men	1.088 1.010 1.173	1.062 0.998 1.129	1.066 1.006 1.130	1.075 1.019 1.134
	Women	1.031 0.953 1.115	1.037 0.970 1.109	1.062 1.000 1.128	1.049 0.993 1.109
21 Pre-treatment or dyeing of textiles		1.015 0.914 1.128	1.007 0.908 1.117	1.029 0.933 1.136	1.010 0.921 1.106
	Men	1.019 0.893 1.164	0.987 0.869 1.121	1.019 0.900 1.154	1.006 0.897 1.128
	Women	0.987 0.857 1.136	0.988 0.861 1.135	1.028 0.901 1.172	1.000 0.885 1.130
23 Food and beverage sector		1.069 1.029 1.111	1.067 1.031 1.105	1.067 1.034 1.102	1.072 1.039 1.107
	Men	1.052 1.003 1.103	1.036 0.994 1.079	1.067 1.026 1.109	1.075 1.034 1.116
	Women	1.070 1.018 1.124	1.053 1.008 1.100	1.059 1.018 1.103	1.062 1.021 1.104
26 Surface treatment using organic solvents		1.055 0.989 1.126	1.066 1.013 1.121	1.072 1.024 1.123	1.072 1.027 1.120
	Men	1.077 0.995 1.164	1.042 0.983 1.104	1.081 1.023 1.142	1.084 1.028 1.142
	Women	1.000 0.923 1.085	1.008 0.947 1.072	1.042 0.985 1.102	1.039 0.985 1.096
28 Ship building		1.093 0.948 1.261	1.103 0.962 1.264	1.106 0.965 1.268	1.107 0.965 1.269
	Men	1.102 0.936 1.299	1.114 0.964 1.288	1.126 0.961 1.319	1.126 0.962 1.319
	Women	1.072 0.932 1.233	1.075 0.938 1.232	1.076 0.934 1.240	1.077 0.934 1.240

