

Table 4: Odds ratios of childhood leukemias by industrial group.

Industrial group (no. industries)	Individuals residing at ≤ 2.5 km					
	Controls (n)	Cases (n)	OR (95%CI) ^a	<i>p</i> -value ^b	<i>p</i> -BH ^c	<i>p</i> -BY ^d
Reference	2378	98	-	-	-	-
All industries (1068)	3995	216	1.31 (1.03-1.67)	0.030	0.106	0.406
Combustion installations (36)	342	19	1.35 (0.82-2.24)	0.239	0.392	1.000
Refineries and coke ovens (4)	117	3	0.61 (0.19-1.96)	0.407	0.599	1.000
Production and processing of metals (106)	915	64	1.69 (1.22-2.34)	0.002	0.013	0.049
Galvanization (14)	208	16	1.86 (1.07-3.21)	0.027	0.106	0.406
Surface treatment of metals and plastic (154)	1567	105	1.62 (1.22-2.15)	0.001	0.010	0.038
Mining industry (30)	53	2	0.92 (0.22-3.85)	0.912	0.992	1.000
Cement and lime (26)	311	14	1.09 (0.62-1.94)	0.761	0.906	1.000
Glass and mineral fibers (15)	219	22	2.42 (1.49-3.92)	0.000	0.008	0.032
Ceramic (67)	402	23	1.39 (0.87-2.22)	0.168	0.326	1.000
Organic chemical industry (96)	828	44	1.28 (0.89-1.85)	0.182	0.326	1.000
Inorganic chemical industry (44)	386	16	1.00 (0.58-1.71)	0.999	0.999	1.000
Fertilizers (10)	130	4	0.74 (0.27-2.04)	0.558	0.734	1.000
Biocides (12)	222	10	1.08 (0.56-2.10)	0.819	0.931	1.000
Pharmaceutical products (32)	460	29	1.53 (1.00-2.34)	0.051	0.159	0.607
Explosives and pyrotechnics (7)	48	2	1.03 (0.25-4.28)	0.971	0.999	1.000
Hazardous waste (51)	595	38	1.55 (1.06-2.28)	0.025	0.106	0.406
Non-hazardous waste (79)	439	25	1.38 (0.88-2.16)	0.166	0.326	1.000
Disposal or recycling of animal waste (16)	216	14	1.57 (0.88-2.79)	0.128	0.320	1.000
Urban waste-water treatment plants (31)	650	39	1.45 (0.99-2.12)	0.057	0.159	0.607
Paper and wood production (61)	611	32	1.27 (0.84-1.91)	0.251	0.392	1.000
Pre-treatment or dyeing of textiles (9)	89	5	1.34 (0.53-3.38)	0.535	0.734	1.000
Tanning of hides and skins (2)	70	2	0.69 (0.17-2.85)	0.606	0.757	1.000
Food and beverage sector (127)	1101	57	1.26 (0.90-1.75)	0.183	0.326	1.000
Surface treatment using organic solvents (38)	415	32	1.87 (1.24-2.83)	0.003	0.018	0.069
Production of electro-graphite (1)	0	0	-	-	-	-

^aORs were estimated from various mixed multiple logistic regression models (an independent model for each of the categories of industrial groups), that included year of birth, sex, and autonomous region of residence (as a random effect).

^b*p*-value associated with hypothesis test for the mixed multiple logistic regression model.

^c*p*-value adjusted by Benjamini & Hochberg's method.

^d*p*-value adjusted by Benjamini & Yekutieli's method.