Supplemental Material: Childhood Hematologic Cancer and Residential Proximity to Oil and Gas Development in Rural Colorado

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S2 Table: Adjusted logistic regression model 1 for association between annual inverse distance weighted well count within 16.1-kilometer radius of residence at diagnosis averaged over exposure period and acute lymphocytic leukemia (ALL)

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Odds Ratio Estimates		
Effect	**Point Estimate**	**95% Wald Confidence Limits**
Low Tertile[a]	2.3	0.94 5.5
Medium Tertile[a]	2.6	1.1 6.3
High Tertile[a]	1.9	0.78 4.8
White Hispanic[b]	0.64	0.30 1.4
Other race[b]	1.6	0.68 3.8
Female[c]	0.79	0.47 1.3
0-4 years[d]	25	7.6 85
5-9 years[d]	42	12 150
10 -14 years[d]	11	3.1 42
15-19 years[d]	5.4	1.4 20
≥9000 feet[e]	3.5	0.97 13
Zip code level income 21-40 percentile[f]	0.77	0.29 2.1
Zip code level income 41-60 percentile[f]	0.68	0.23 2.1
Zip code level income 61-80 percentile[f]	0.79	0.29 2.2
Zip code level income 81-100 percentile[f]	0.91	0.33 2.5

[a] low = first tertile, greater than 0 to 2.7 wells per 1.6 kilometers, medium = second tertile, 2.7 to 31.4 wells per 1.6 kilometers, high = third tertile, more than 31.4 wells per 1.6 kilometers. [b] Reference group is white non-Hispanics. [c] Reference group is males. [d] Reference group is 20-24 years. [e] Reference group is < 9000 feet. [f] Reference group is 0-20 percentile.