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

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S3 Table: Adjusted logistic regression model 2 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]	2.479	1.002	6.135
Medium Tertile[a]	2.794	1.152	6.776
High Tertile[a]	1.999	0.796	5.017
White Hispanic[b]	0.575	0.261	1.269
Other race[b]	1.600	0.671	3.817
Female[c]	0.789	0.467	1.331
0-4 years[d]	26.611	7.905	89.587
5-9 years[d]	42.430	11.876	151.589
10 -14 years[d]	12.679	3.386	47.476
15-19 years[d]	5.589	1.491	20.942
≥9000 feet[e]	3.536	0.947	13.199
Zip code level income 21-40 percentile[f]	0.791	0.290	2.156
Zip code level income 41-60 percentile[f]	0.754	0.248	2.295
Zip code level income 61-80 percentile[f]	0.859	0.310	2.384
Zip code level income 81-100 percentile[f]	0.974	0.355	2.677
year 1 vs 0[g]	1.493	0.565	3.946
year 2 vs 0[g]	1.525	0.557	4.178
year 3 vs 0[g]	1.850	0.700	4.885
year 4 vs 0[g]	0.856	0.315	2.327
year 5 vs 0[g]	1.402	0.549	3.581

[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. [g]Reference group is year 0.