

## **Occupational Insecticide Exposure and Risk of Non-Hodgkin Lymphoma: A Pooled Case-Control Study from the InterLymph Consortium**

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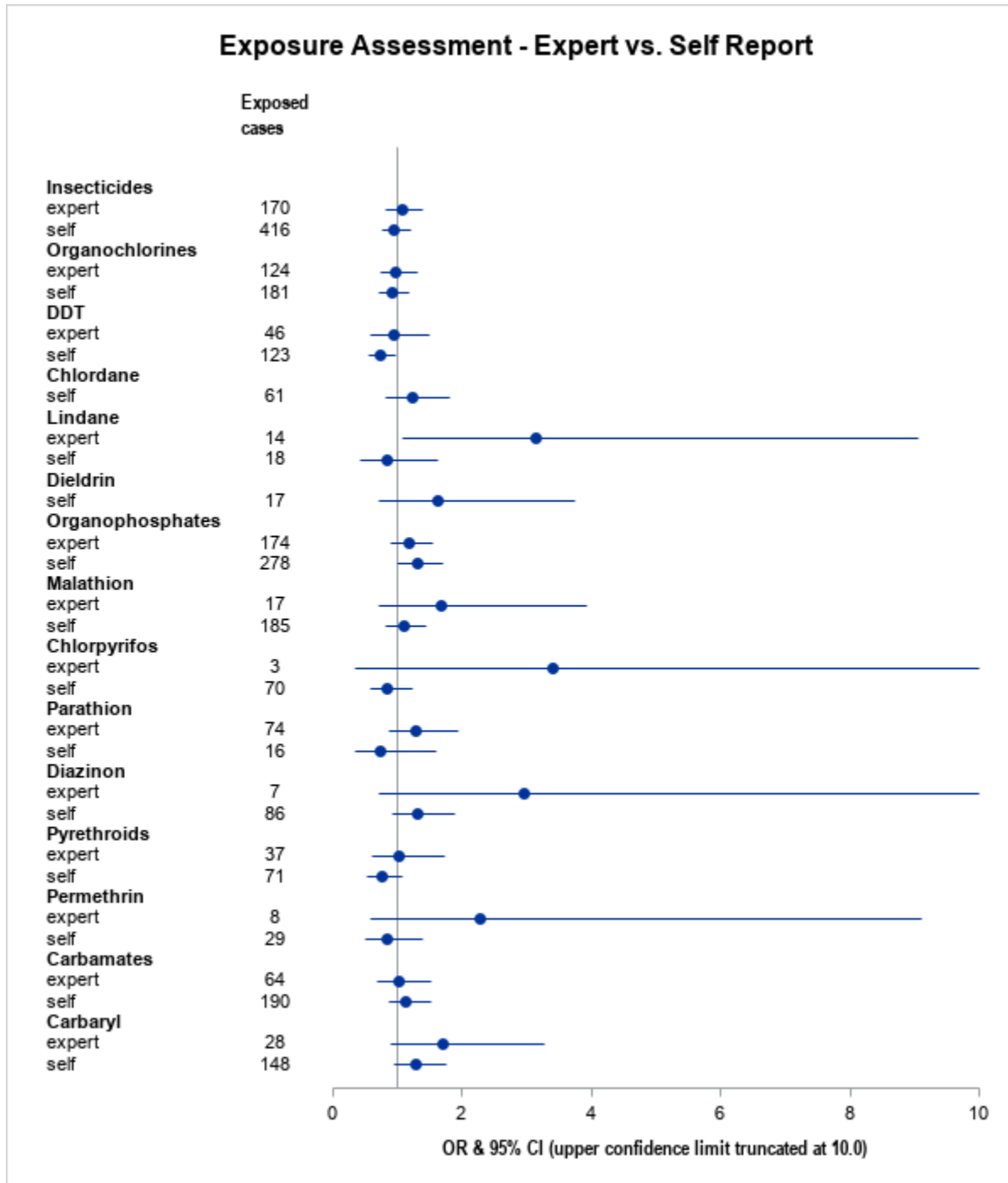
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**Supplemental Table 1. Frequency of insecticide use among controls within each of the case-control studies participating in the InterLymph study of insecticides**

	LAMMCC	LANHL	Italian	Yale	Epilymph	NSW	ENGELA	Mayo	BCMM
Insecticides	6 (2.2%)	14 (3.8%)	72 (6.3%)	58 (8.2%)	48 (2.0%)	56 (8.2%)	37 (8.3%)	265 (12.1%)	14 (3.8%)
Organochlorines	5 (1.8%)	2 (0.5%)	71 (6.2%)	12 (1.7%)	29 (1.2%)	8 (1.2%)	17 (3.8%)	165 (7.6%)	6 (1.6%)
DDT	5 (1.8%)	2 (0.5%)	43 (3.8%)	4 (0.6%)	-	3 (0.4%)	-	137 (6.3%)	6 (1.6%)
Chlordane	2 (0.7%)	-	-	7 (1.0%)	-	2 (0.3%)	-	48 (2.2%)	-
Lindane	-	-	5 (0.4%)	2 (0.3%)	-	-	-	22 (1.0%)	0
Dieldrin	0	-	-	0	-	5 (0.7%)	-	5 (0.2%)	0
Organophosphates	2 (0.7%)	0	97 (8.5%)	22 (3.1%)	27 (1.1%)	11 (1.6%)	24 (5.4%)	208 (9.5%)	2 (0.5%)
Malathion	1 (0.4%)	0	9 (0.8%)	10 (1.4%)	-	3 (0.4%)	-	162 (7.4%)	1 (0.3%)
Chlorpyrifos	-	-	1 (0.1%)	3 (0.4%)	-	0	-	79 (3.6%)	-
Parathion	1 (0.4%)	-	57 (5.0%)	-	-	-	-	17 (0.8%)	-
Diazinon	0	-	3 (0.3%)	11 (1.6%)	-	2 (0.3%)	-	54 (2.5%)	2 (0.5%)
Pyrethroids	-	-	19 (1.7%)	22 (3.1%)	-	2 (0.3%)	17 (3.8%)	65 (3.0%)	1 (0.3%)
Permethrin	-	-	3 (0.3%)	1 (0.1%)	-	1 (0.2%)	-	34 (1.6%)	1 (0.3%)
Carbamates	-	-	49 (4.3%)	17 (2.4%)	12 (0.5%)	1 (0.2%)	-	159 (7.3%)	0
Carbaryl	-	-	16 (1.4%)	15 (2.1%)	-	0	-	115 (5.3%)	0

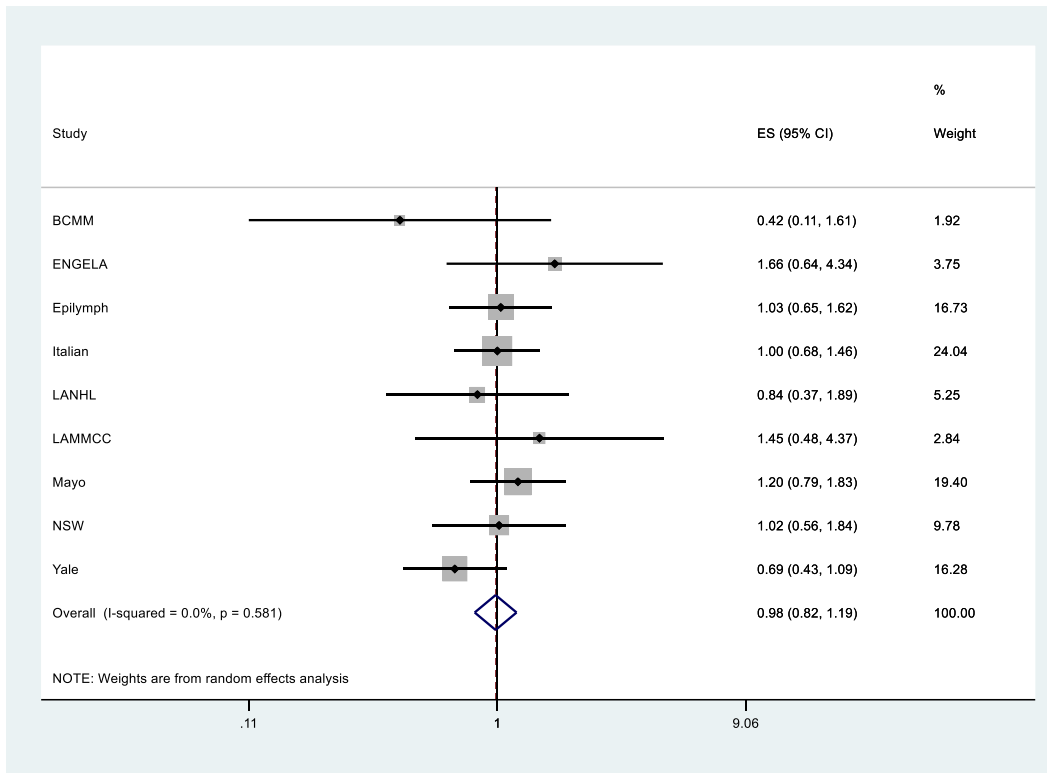
Footnote: The symbol " - " indicates that the study was not included in analysis of the particular insecticide, due to no exposed case or control

**Supplemental Figure 1. Comparison of studies with exposure coding based on expert assessment or self-report, for the association between ever use of insecticides (vs. never-use) and risk of all NHL. Odds ratio (OR) and 95% confidence interval (CI) with adjustment in the main analysis for study center, age, gender, socioeconomic status (SES), herbicides, and other non-insecticide pesticides.**

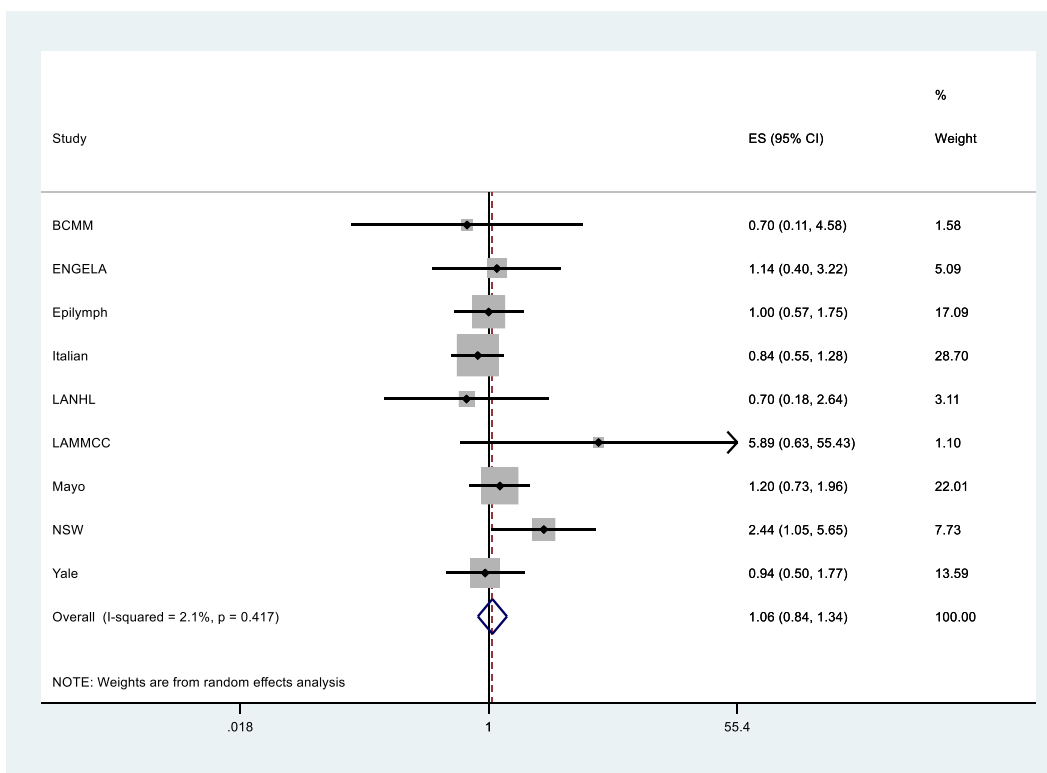


**Supplemental Figure 2. Random effects meta-analysis of the association between occupational insecticide use and NHL risk. Individual-study estimates are odds ratios (OR) and 95% confidence intervals (CI) for insecticide exposure (vs. never-use), with adjustment for study center, age, gender, socioeconomic status (SES), herbicides, and other non-insecticide pesticides.**

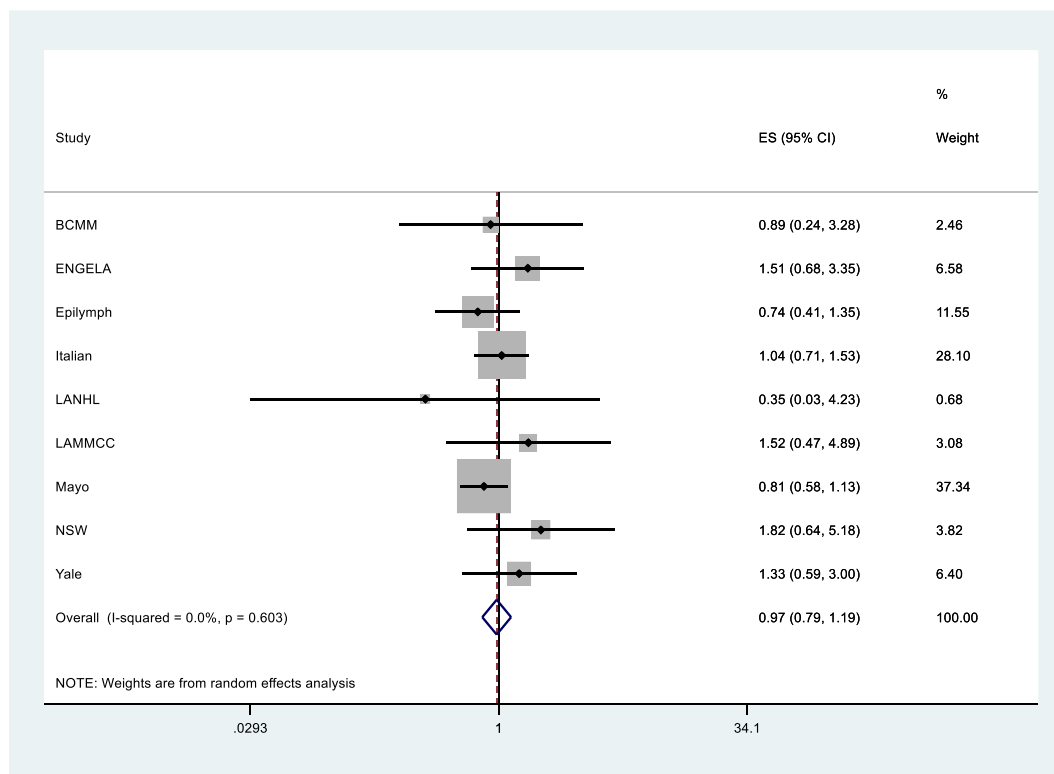
Any type of insecticides, ever-use



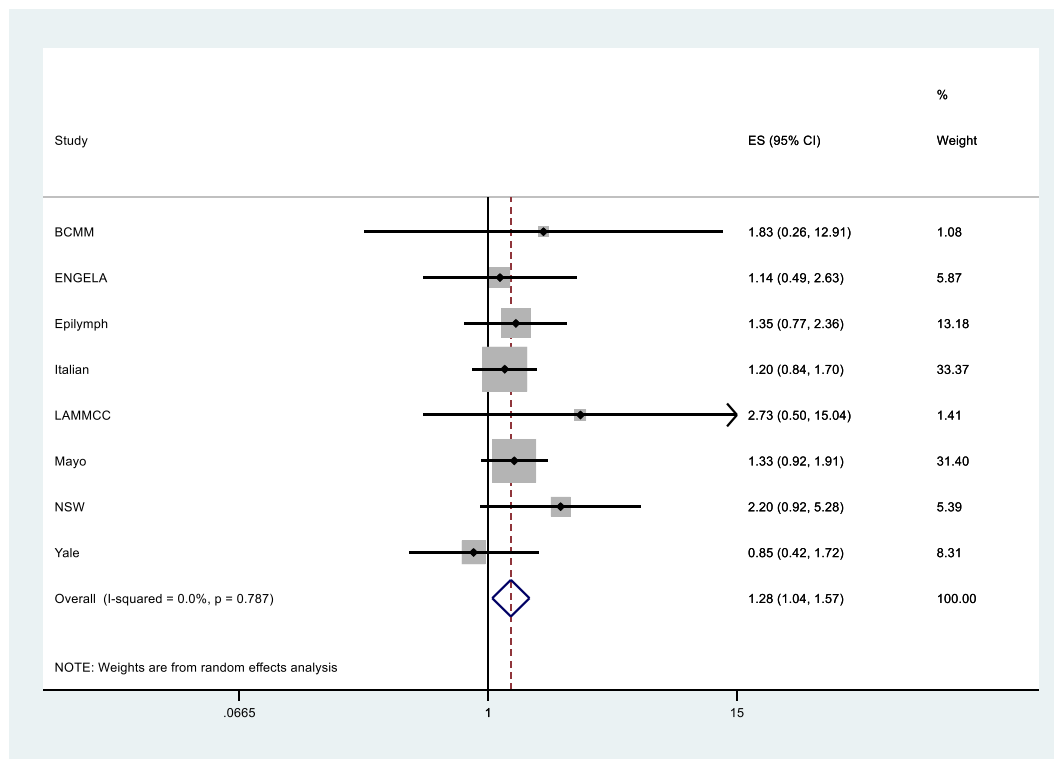
Any type of insecticides, duration >10 years



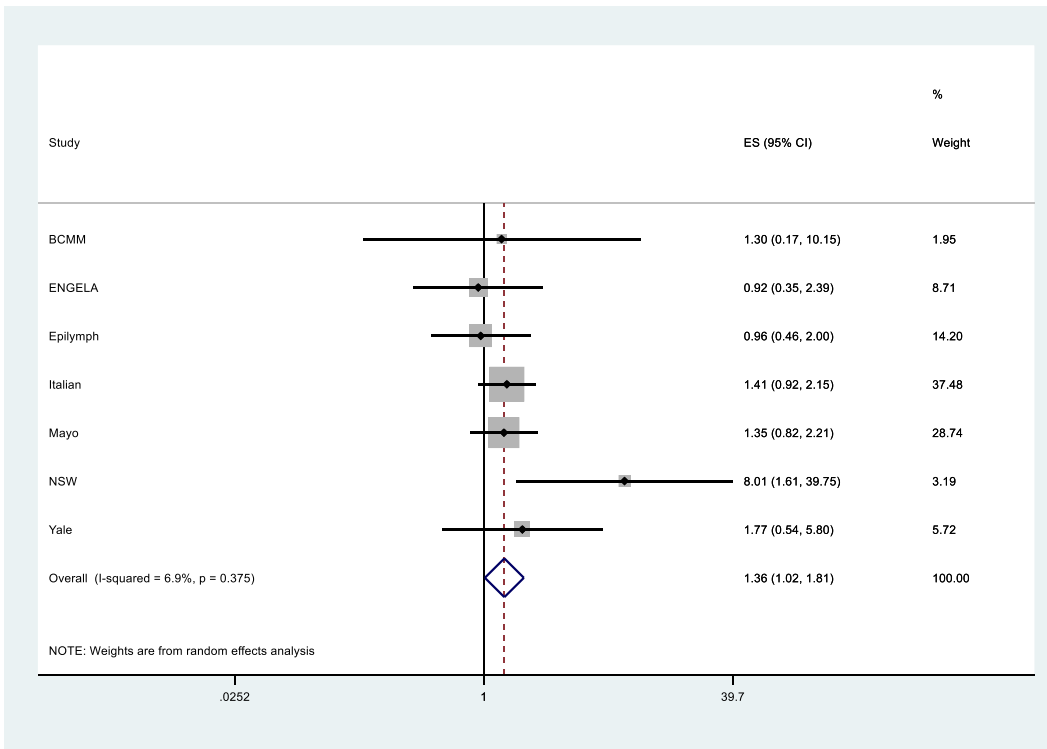
## Organochlorines, ever-use



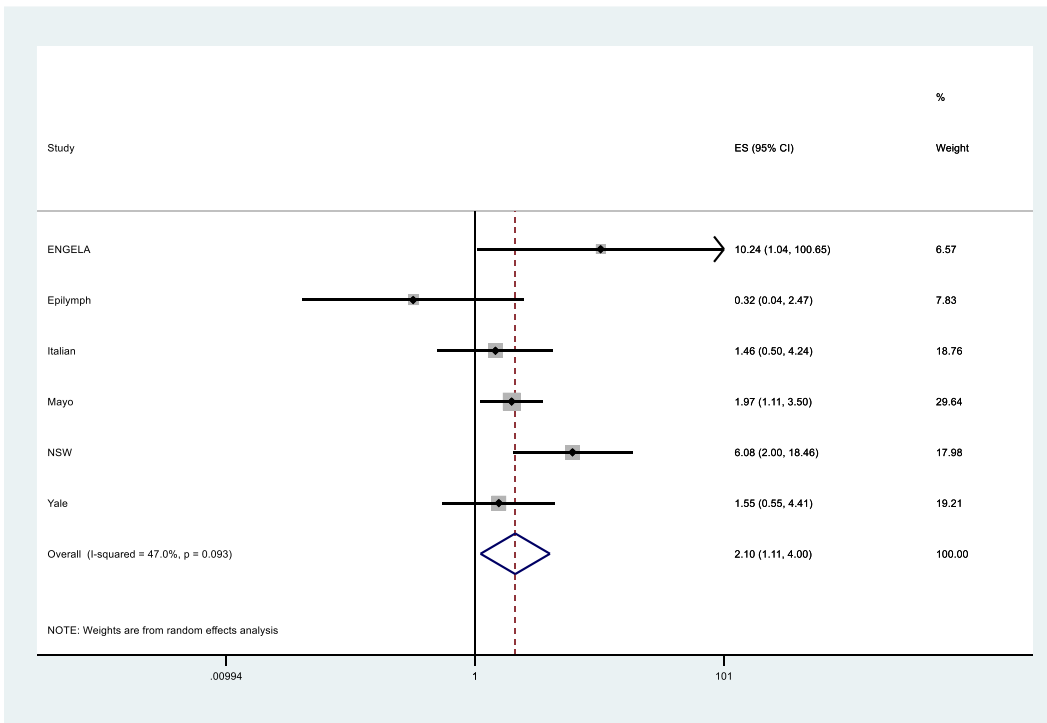
## Organophosphates, ever-use (LANHL not shown due to sparse data and ~0% weight)



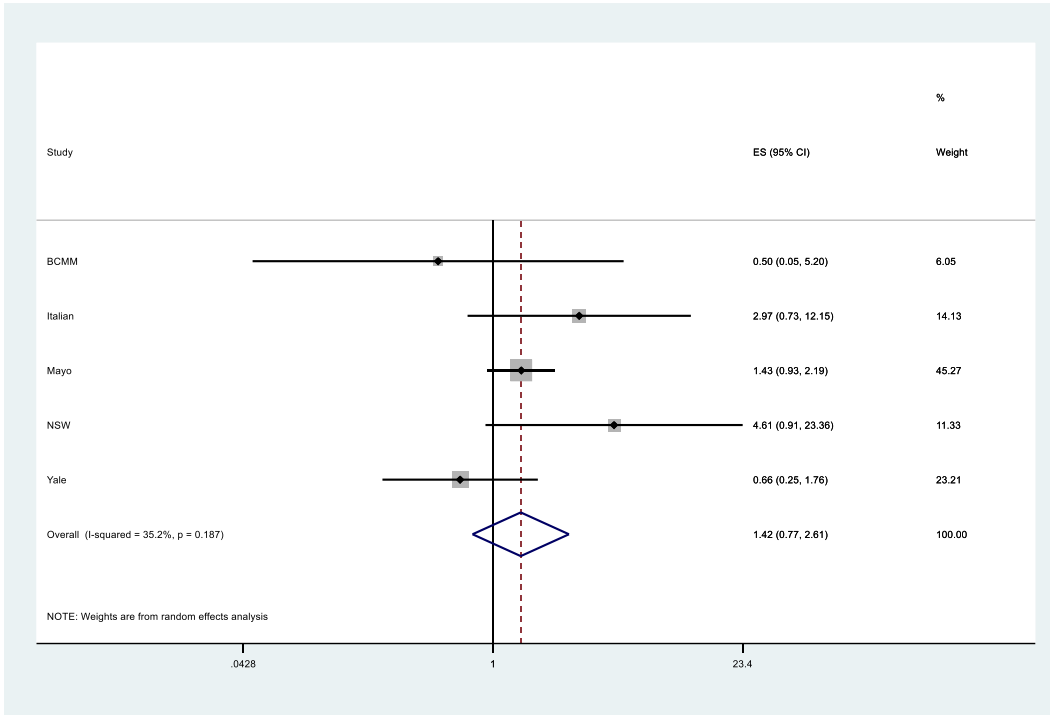
## Organophosphates, lagged-use duration >50<sup>th</sup> percentile



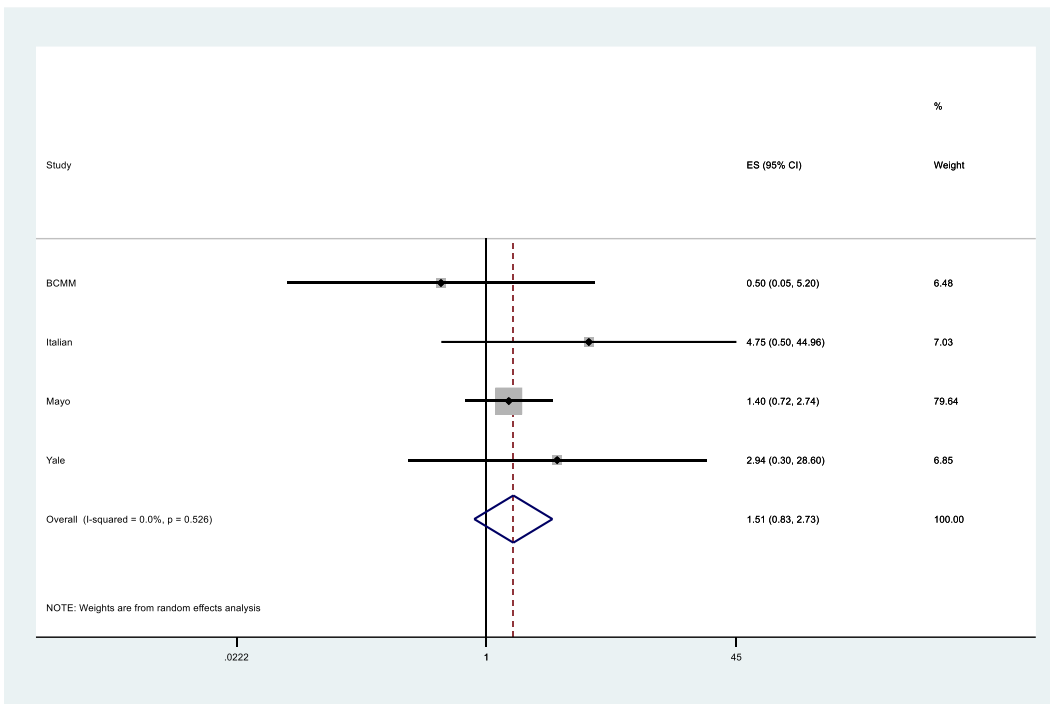
## Organophosphates, ever-use, follicular lymphoma



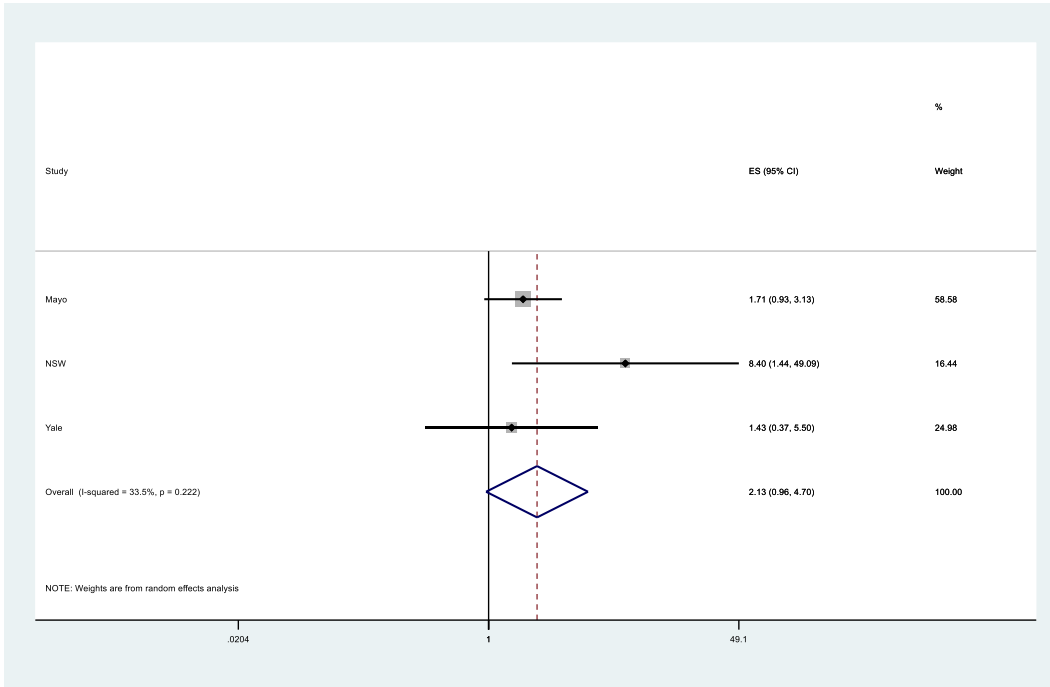
Diazinon, ever-use (LAMMCC not shown due to sparse data and ~0% weight)



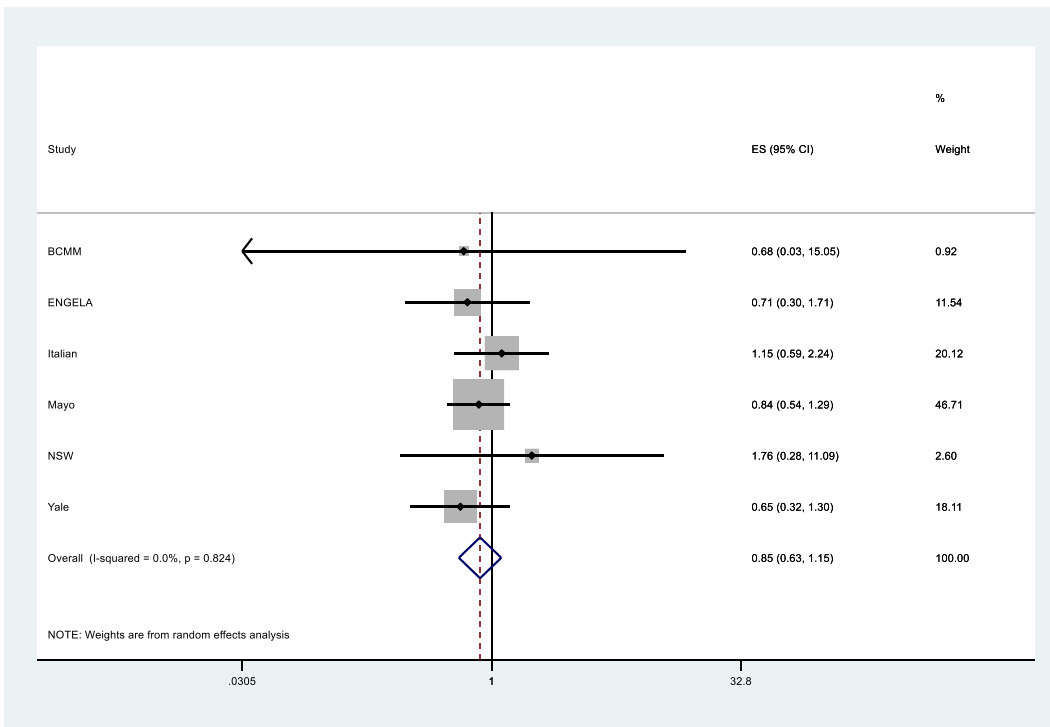
Diazinon, lagged-use duration >50<sup>th</sup> percentile (NSW not shown due to sparse data and ~0% weight)



## Diazinon, ever-use, follicular lymphoma

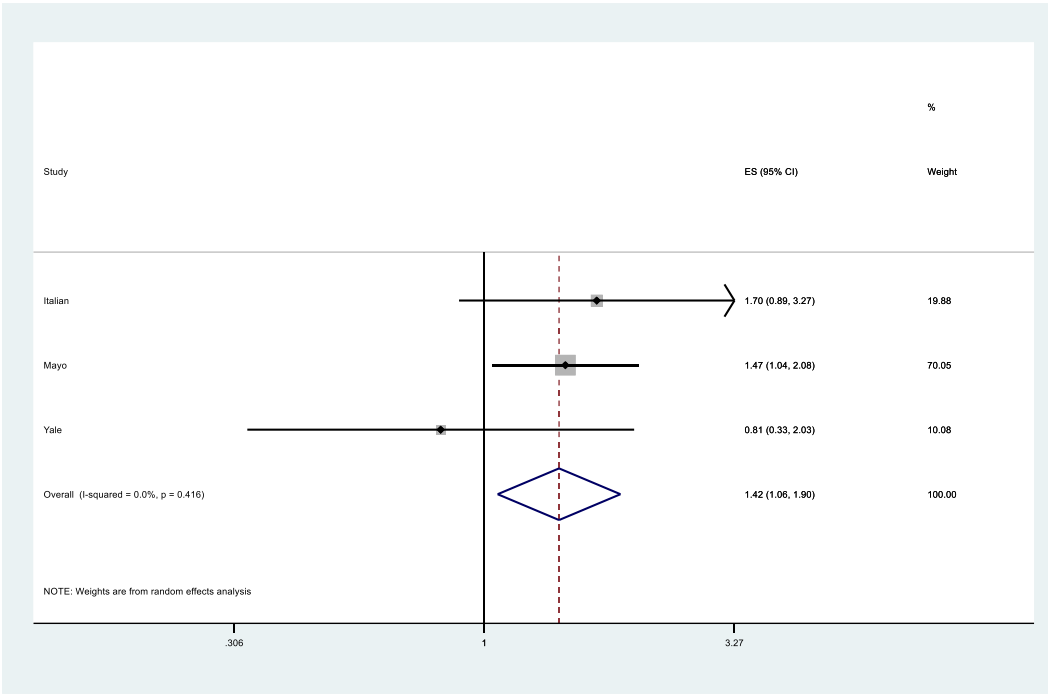


## Pyrethroids, ever-use

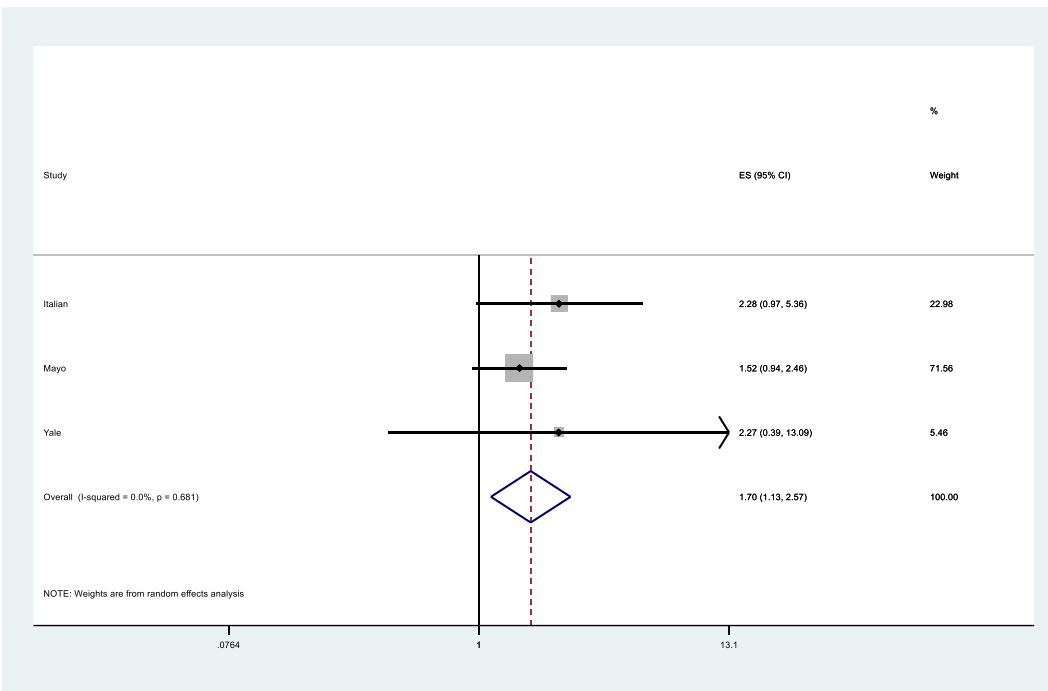




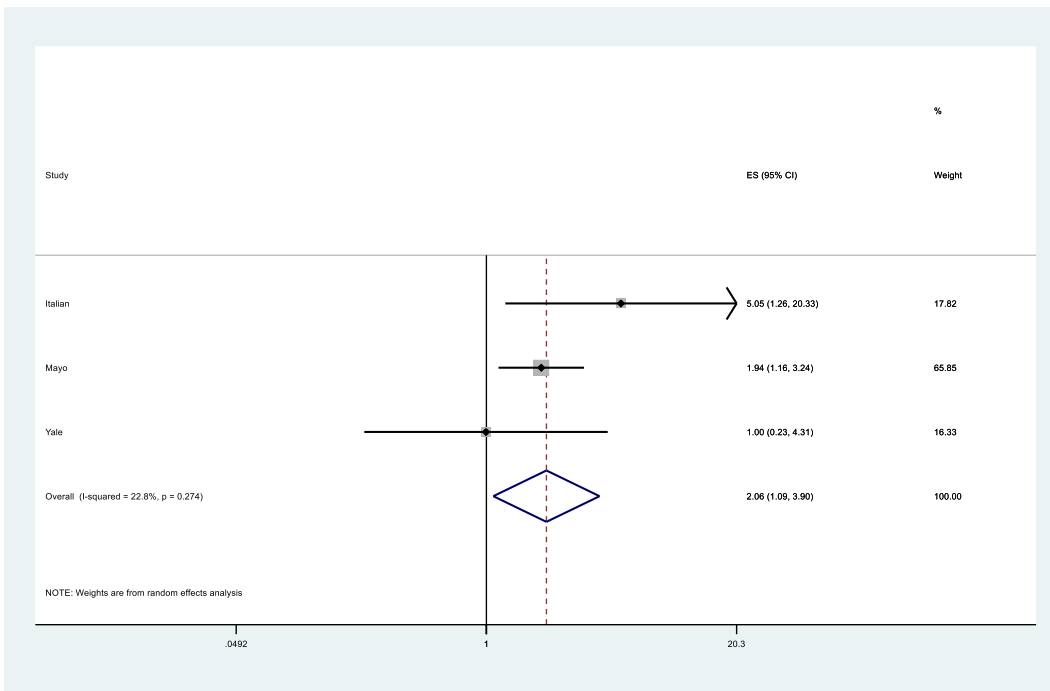
Carbaryl, ever-use (NSW and BCMM not shown due to sparse data and ~0% weight)



Carbaryl, lagged-use duration >50<sup>th</sup> percentile



## Carbaryl, ever-use, follicular lymphoma



## Carbaryl, ever-use, T-cell lymphoma

