Reproduced Anaylsis of FARS data

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Results

Percentages of drivers testing positive by drug type, sex, and year group

Drug type	F 1999-2002	F 2003-2006	F 2007-2010	M 1999-2002	M 2003-2006	M 2007-2010
Alcohol	26.4	24.3	27.1	43.2	42.9	43.3
Cannabinoid	2.8	5.7	7.3	5.8	10.3	11.8
Depressant	3.4	3.8	4.8	2.0	2.5	3.2
Narcotic	4.2	4.9	7.0	2.2	3.4	4.0
Other	5.6	6.6	7.2	4.3	4.5	4.2
Stimulant	7.2	9.1	8.7	10.5	11.9	9.2

Figure 1: Prevalence of nonalcohol drugs in fatally injured drivers by year and age group

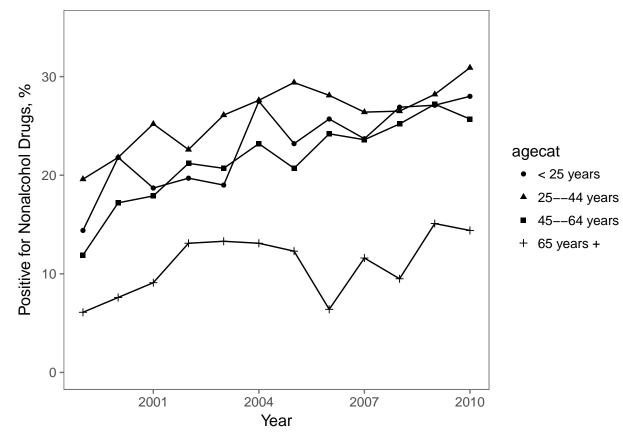


Figure 2: Prevalence of nonalcohol drugs in fatally injured drivers by year and drug type

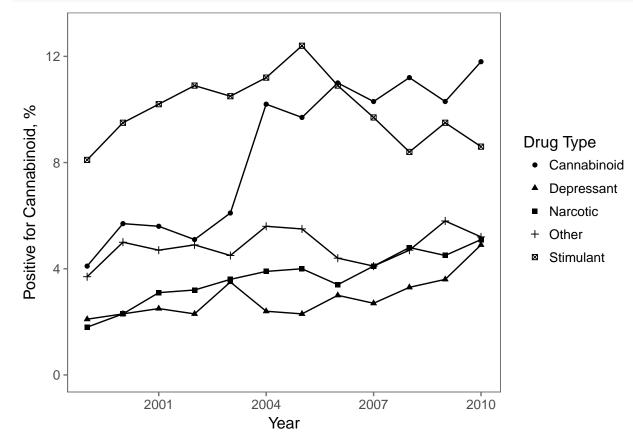
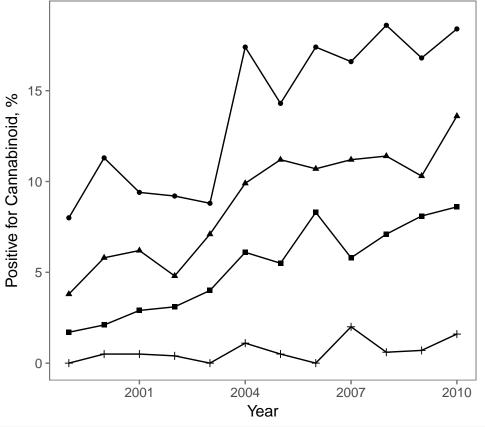


Figure 3: Prevalence of cannabinoid drugs in fatally injured drivers by year and age group



Age

- < 25 years
- ▲ 25--44 years
- 45--64 years
- + 65 years +

Drug Type	1999	2010
Alcohol	$38.7\% \ (36.5\%, 40.9\%)$	39.1% (36.7%, 41.5%)
Cannabinoid	$4.1\% \ (3.1\%, 5\%)$	$11.8\% \ (10.2\%, \ 13.4\%)$
Depressant	$2.1\% \ (1.5\%, \ 2.8\%)$	$4.9\% \ (3.8\%, 5.9\%)$
Narcotic	$1.8\% \ (1.2\%, \ 2.5\%)$	$5.1\% \ (4\%, \ 6.2\%)$
Other	3.7%~(2.9%,4.6%)	5.2%~(4.1%,6.3%)
Stimulant	$8.1\% \ (6.8\%, 9.4\%)$	8.6% (7.2%, 9.9%)

drug	Z	p.value
Alcohol	1.2	0.228
Nonalcohol	10.9	0.000
Narcotic	6.7	0.000
Depressant	4.7	0.000
Stimulant	0.5	0.604
Cannabinoid	13.6	0.000
Other	1.4	0.157