within Population model

need to look into

Letter to EPA

mention

effect of trend on population Distributions

N33858

TEH 0532853

Can we estimate
time Trend
&
Population Estimate

need to emphasize the
1920 Study that
showed Seasonal
Trends in Blood Pb

#/(mi)²/year

(#/population-State) * (Population City)

#/mi²

(#/m²)

Dummy Variable

within Site = Between Site ??

* no effort to
  - model diff pathway
    ~~food~~
    Paint
  - Diff Gas Pb Pathways

* No regn diagnostics
* no lack of fit

---

not consistent with
Good statistical
practice

Come a long way
but there is still a
long way to go

Tell me, what to
do & I'll compute

THINK!!

			$
U	2	1	1.0
R	.3	.1	.2

Pb in State × $\frac{\text{Pop in Stand}}{\text{Pop in State}}$

Sq. Mil in Stand

Study the model

urban/Rural
child/adult

2
.8

TEH 0532856

DUP050034126

Understand Data

~~Build~~ Build Model — no effort to model different Pathways + diff exposures

no critical thought

~~Interpret~~ Diagnostics check — urban vs Rural; child vs adult

essentially none

Interpret Results

→ need a better measure of exposure

Reject any model that attributed all Blood Pb change ~~to~~ GAP Pb

Model Lack of Fit

64 locations

which Sites are fitted better