

**WORKING TITLE: Cooking the books**

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Economic modelling is like a meth lab, it can make you rich or blow up in your face. And like cooking meth, economic modelling gets more dangerous when it is done fast by those new to the industry. But despite the dangers, and the fact that he was badly burned by treasury's tax modelling, poor Scott Morrison was scorched again last week when the modellers at BIS Shrapnel blew up both their own credibility and that of the Treasurer.

Last week BIS shrapnel released 'modelling' which assumed that changing tax policy to encourage people to invest in new housing would lead to a reduction in investment in new housing. They then told us that that the 7200 fewer homes that would be built would lead to a reduction in GDP of \$19 billion. You don't need a PhD in economics to figure out how ridiculous that claim is, a calculator would do.

The ability to use the divide key on a calculator should have allowed anyone in the Treasurer's office, or the Department of Treasury, to figure out that there was something very, very wrong with the BIS Shrapnel modelling. The idea that each house built in Australia contributes \$2.6 million to GDP is simply absurd.

Among the many mistakes in the BIS Shrapnel modelling that Treasurer Morrison described as 'credible' last week was an economics 101 howler. When economists calculate the value of all the stuff produced in a country (Gross Domestic Product) they have to be careful to avoid 'double counting'. The value of the wheat a farmer sells to a miller needs to be deducted from the value of the flour, likewise the value of the flour from the bread sold by the baker and the value of the bread from the take away sandwich. Unfortunately for the reputations of BIS Shrapnel and Treasurer Morrison, the 'modelling' of the alleged economic impact of reforming negative gearing made no such adjustment. Whoops.

But modelling purporting to show that the ALP's policy was going to 'cost the economy' \$19 billion was apparently just too seductive for the Treasurer to resist. Why bother reading the report carefully and pressure testing its assumptions? Why bother asking yourself, or Treasury, if the headline results pass the laugh test? Why miss the moment when no one else ever reads past the executive summary of a modelling report?

Scott Morrison is not the first politician to endorse the ridiculous claims of economic modellers. Back when Kevin Rudd was trying to sell the Carbon Pollution Reduction Scheme, Treasury modelling showed that as the carbon price rose steadily the methane emissions from each sheep in Australia would fall

steadily. Yep, they assumed that the higher the carbon price the fewer the farts. And back when Tony Abbott was waging his war against carbon pricing it was claimed that the emission reduction instrument preferred by most economists would 'strip a massive \$600 billion from economic growth'. Yeah, right.

Unsurprisingly, faith in economic modelling typically only seems to hold when the economic modeller confirms a politician's prejudice. For example, last month when Treasury modelling showed that cutting the personal income tax rates would have virtually no impact on the Australian economy, the Government was quick to slap them down. Such models, we were told by Arthur Sinodinos, "doesn't look at dynamic effects".

But while Treasurer Morrison might not be the first politician to be caught relying on ridiculous modelling, he could help himself, and his colleagues, to be the last. Just as kids buying drugs at a festival don't really know the quality of what they are buying, humans reading modelling reports understandably find it hard to determine the quality of what they are being asked to digest. Politicians and the public need the economic equivalent of pill testing.

While you can't legislate against stupidity, it would be simple for state and federal governments to insist that economic modelling designed to influence their thinking conforms to a code of conduct spelling out minimum standards of transparency and disclosure. Why would modelling houses with nothing to hide refuse to disclose who commissioned the research, how the key assumptions were selected and which researchers took personal responsibility for the quality of the analysis?

Sunlight, they say, is the best disinfectant. After last weeks' debacle, let's hope all economic modelling is subject to the kind of scrutiny that Treasurer Morrison assumed would never eventuate.

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