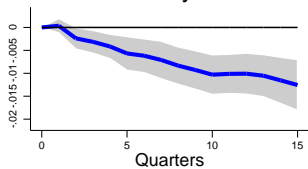
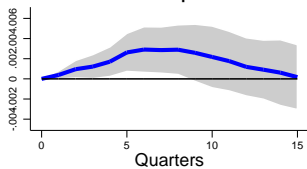


structural LP: ff shock

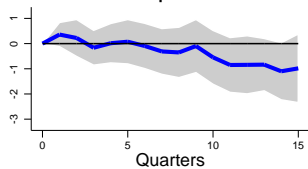
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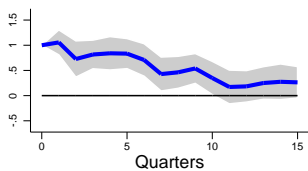
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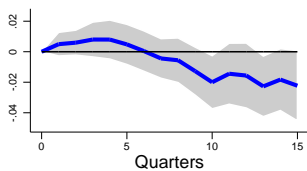
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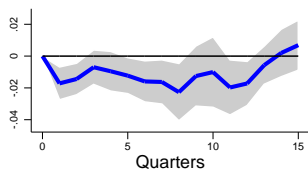
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ff->nbr



ff->tr



ff->m1

