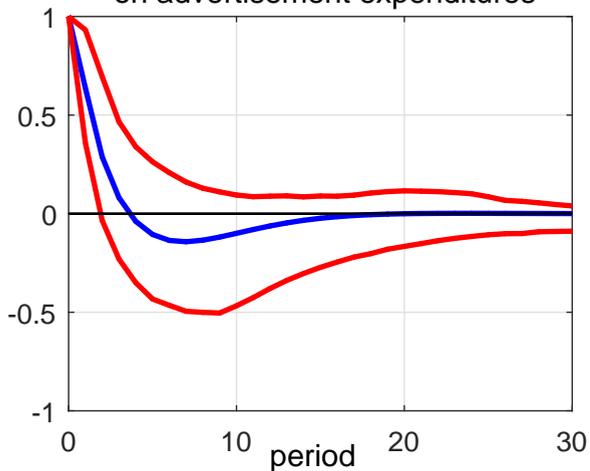
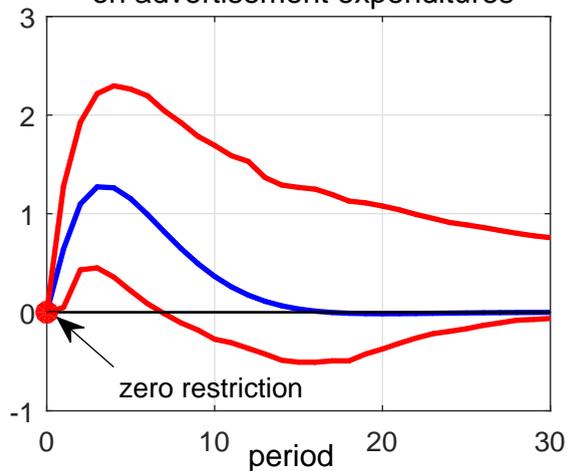


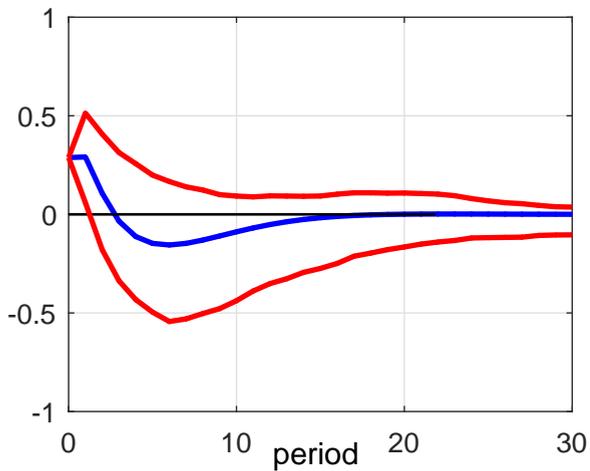
effect of an advertisement shock
on advertisement expenditures



effect of a sales shock
on advertisement expenditures



effect of an advertisement shock on sales



effect of a sales shock on sales

