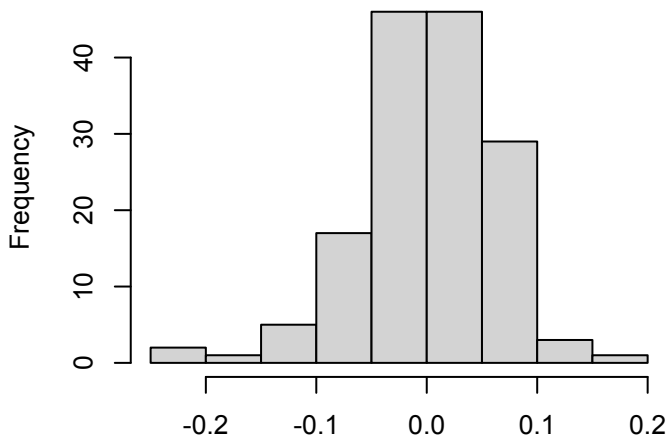
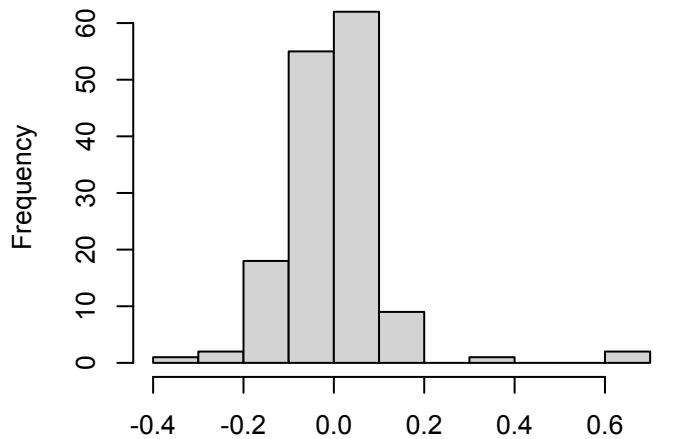


**CAR shortterm distribution, year 2022
over all companies**



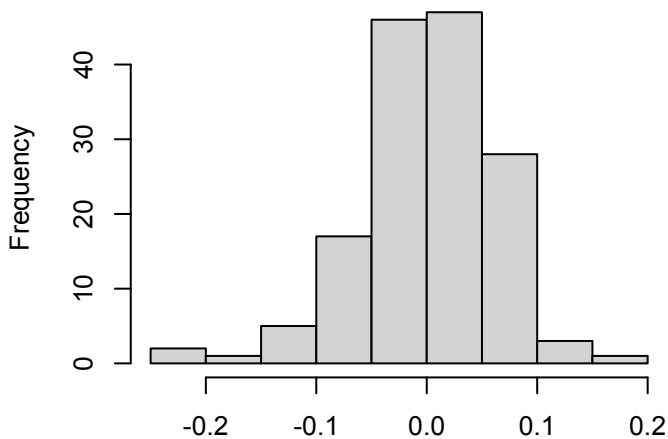
CAR shortterm [-1,+3] days relative to event

**CAR middleterm distribution, year 2022
over all companies**



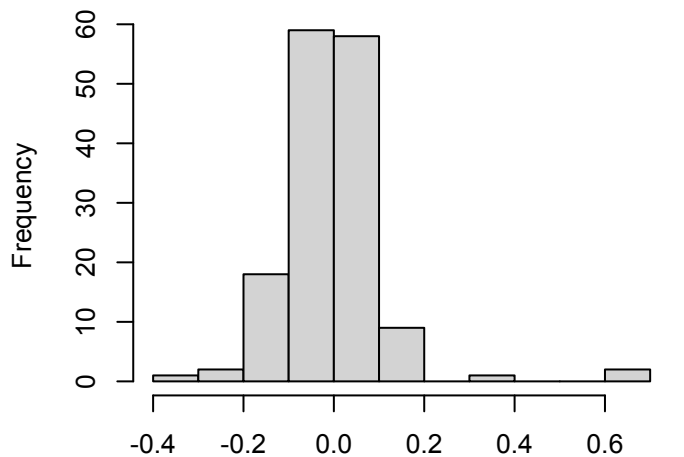
CAR middleterm [+1,+30] days relative to event

**BHAR shortterm distribution, year 2022
over all companies**



BHAR shortterm [-1,+3] days relative to event

**BHAR middleterm distribution, year 2022
over all companies**



BHAR middleterm [+1,+30] days relative to event