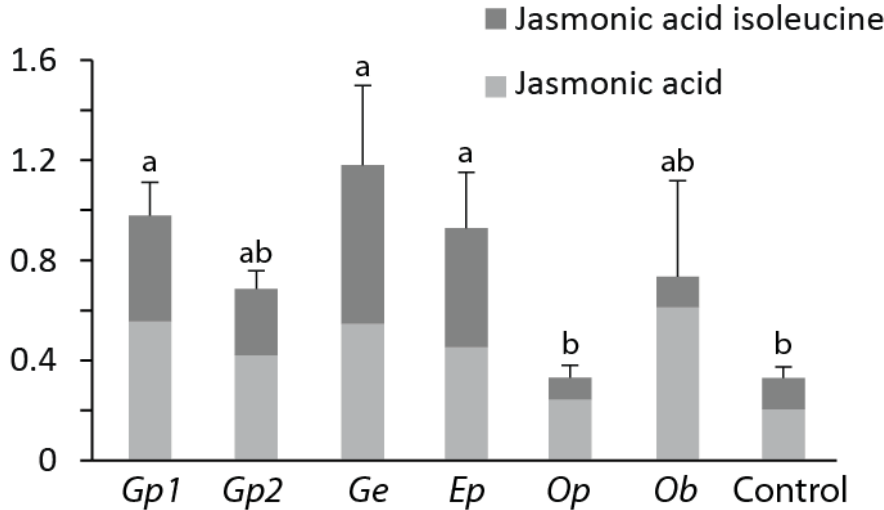
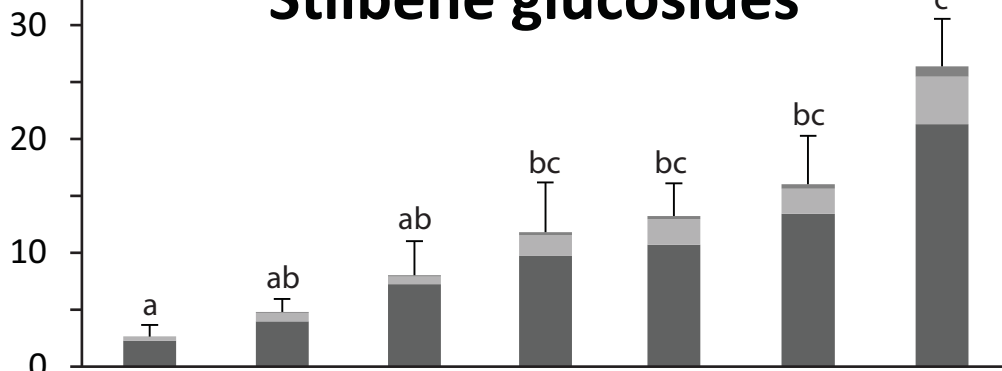


mg/g dry spruce tissue

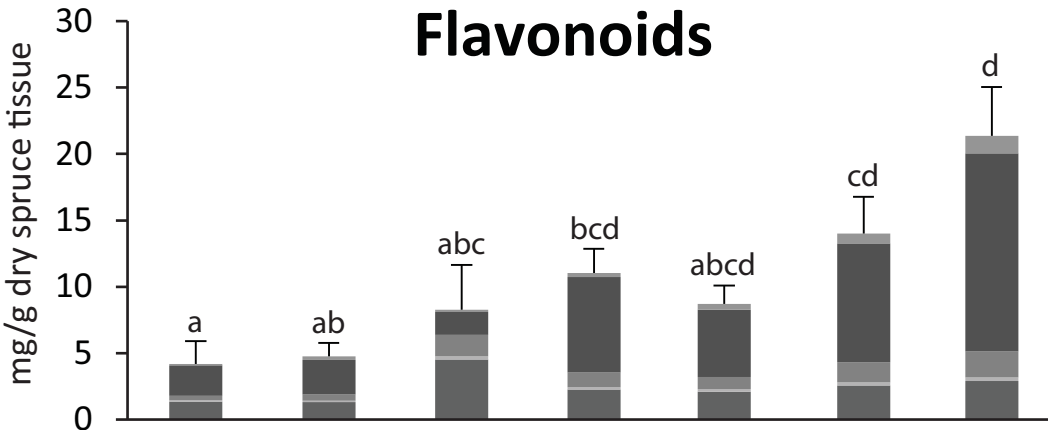


# Stilbene glucosides



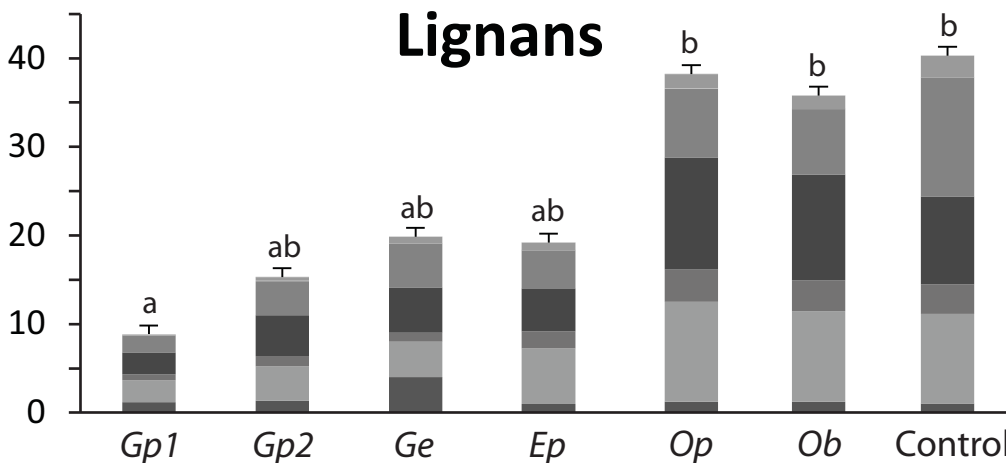
- Piceid
- Isorhapontin
- Astringin

# Flavonoids

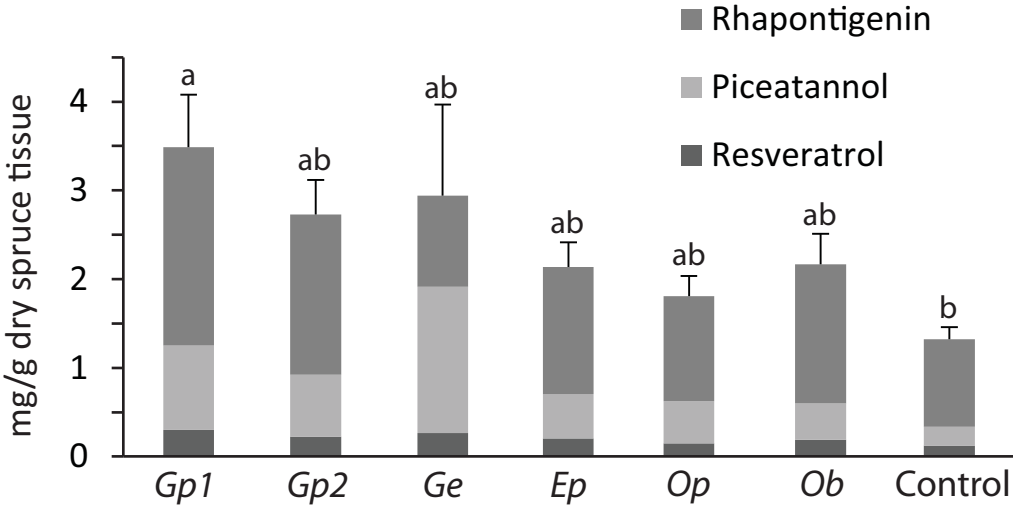


- Taxifolin glucoside
- Quercetin glucoside
- Proanthocyanidin dimers
- Gallocatechin
- Catechin

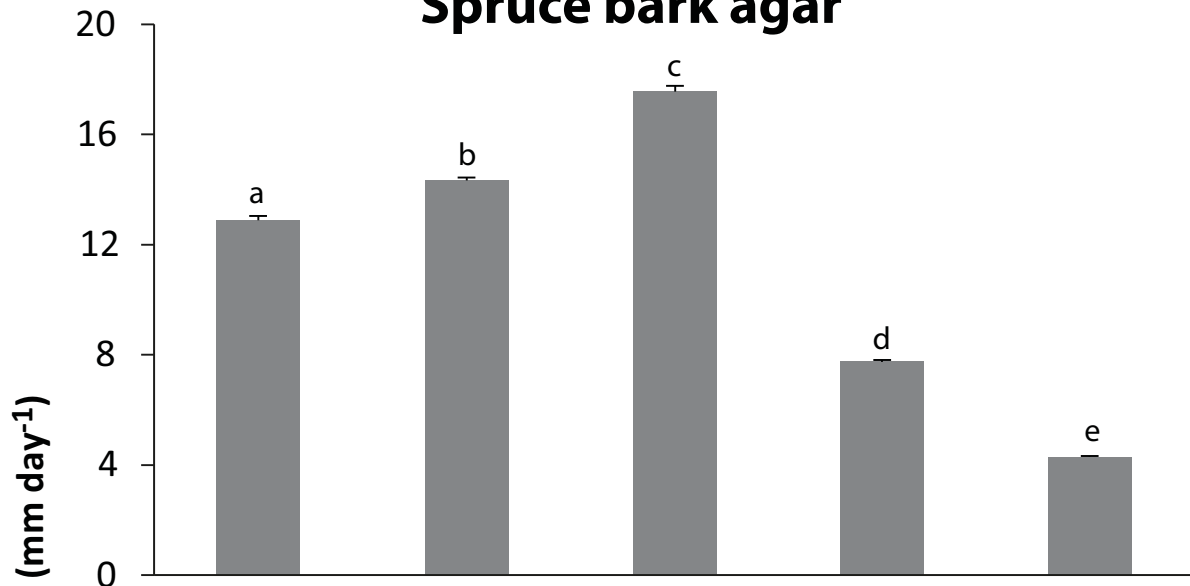
# Lignans



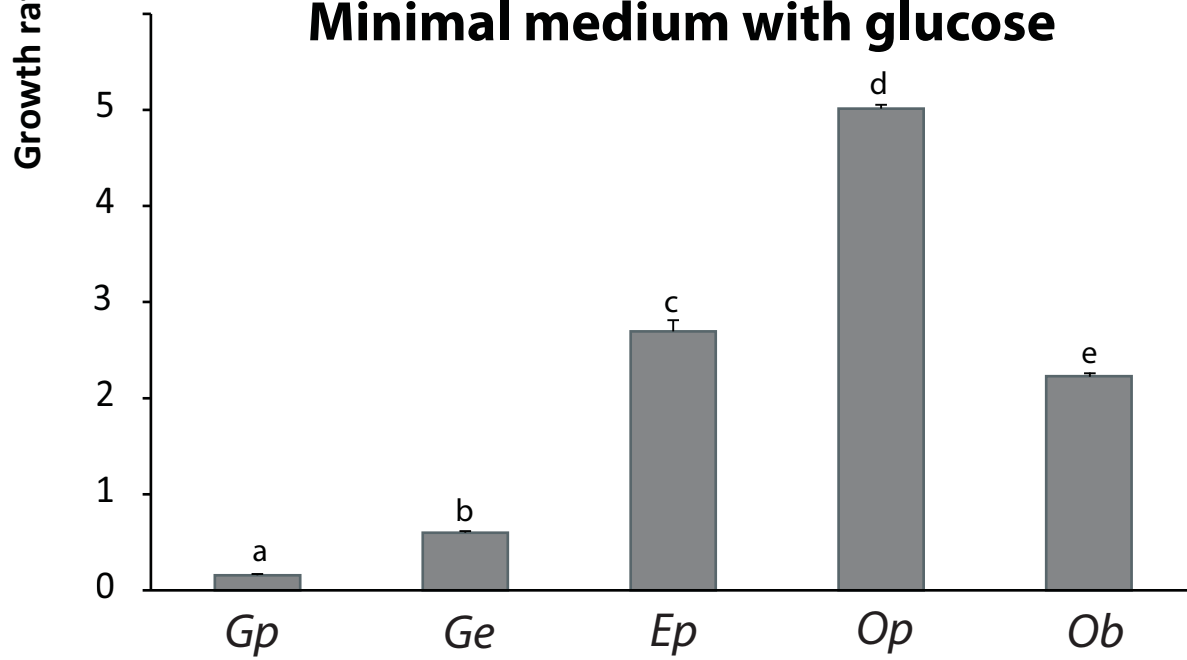
- Conidendrin
- Nortachelogenin
- Isolariciresinol
- Matairesinol
- Secoisolariciresinol
- Lariciresinol
- Pinoresinol
- Coniferyl alcohol

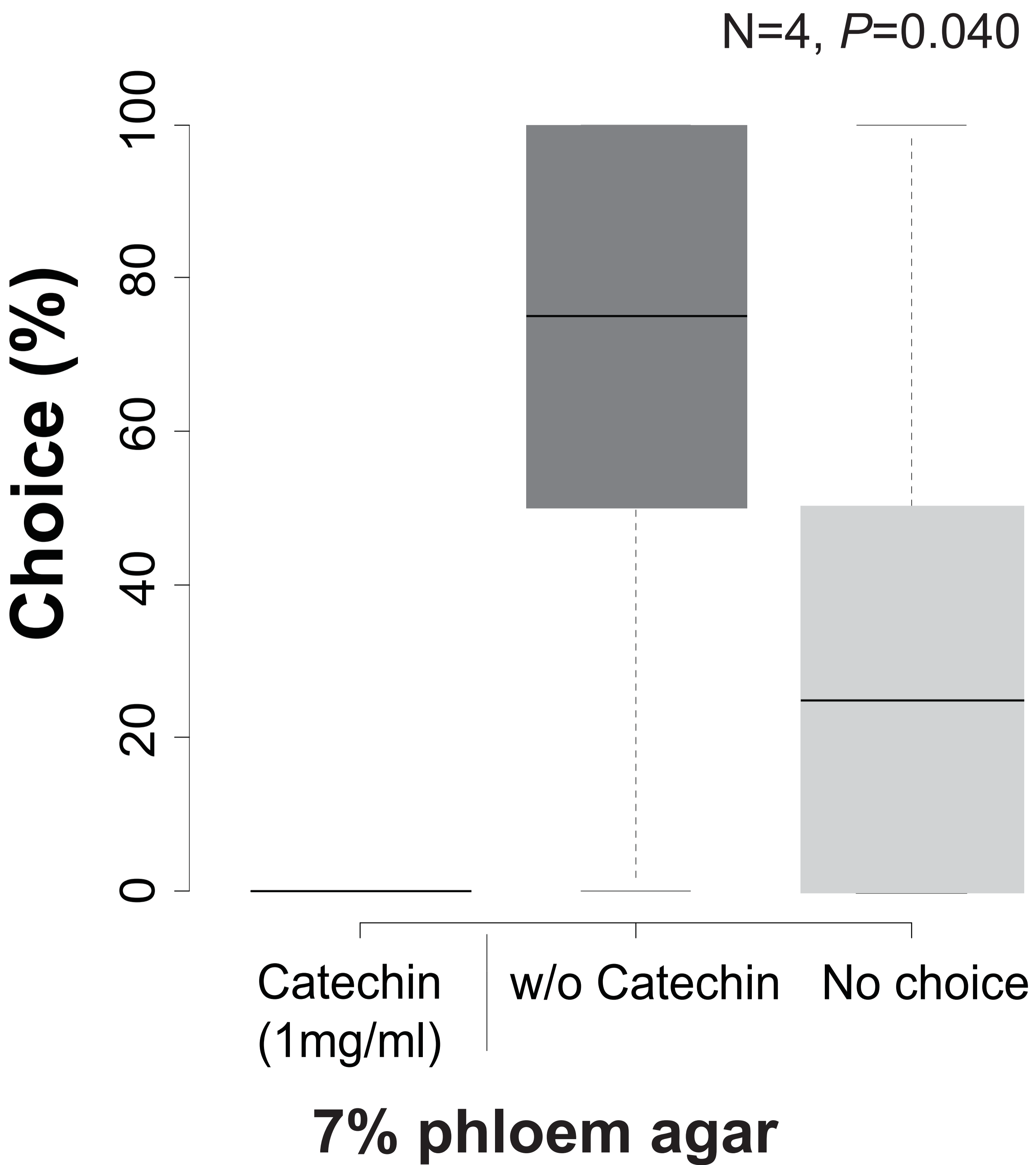
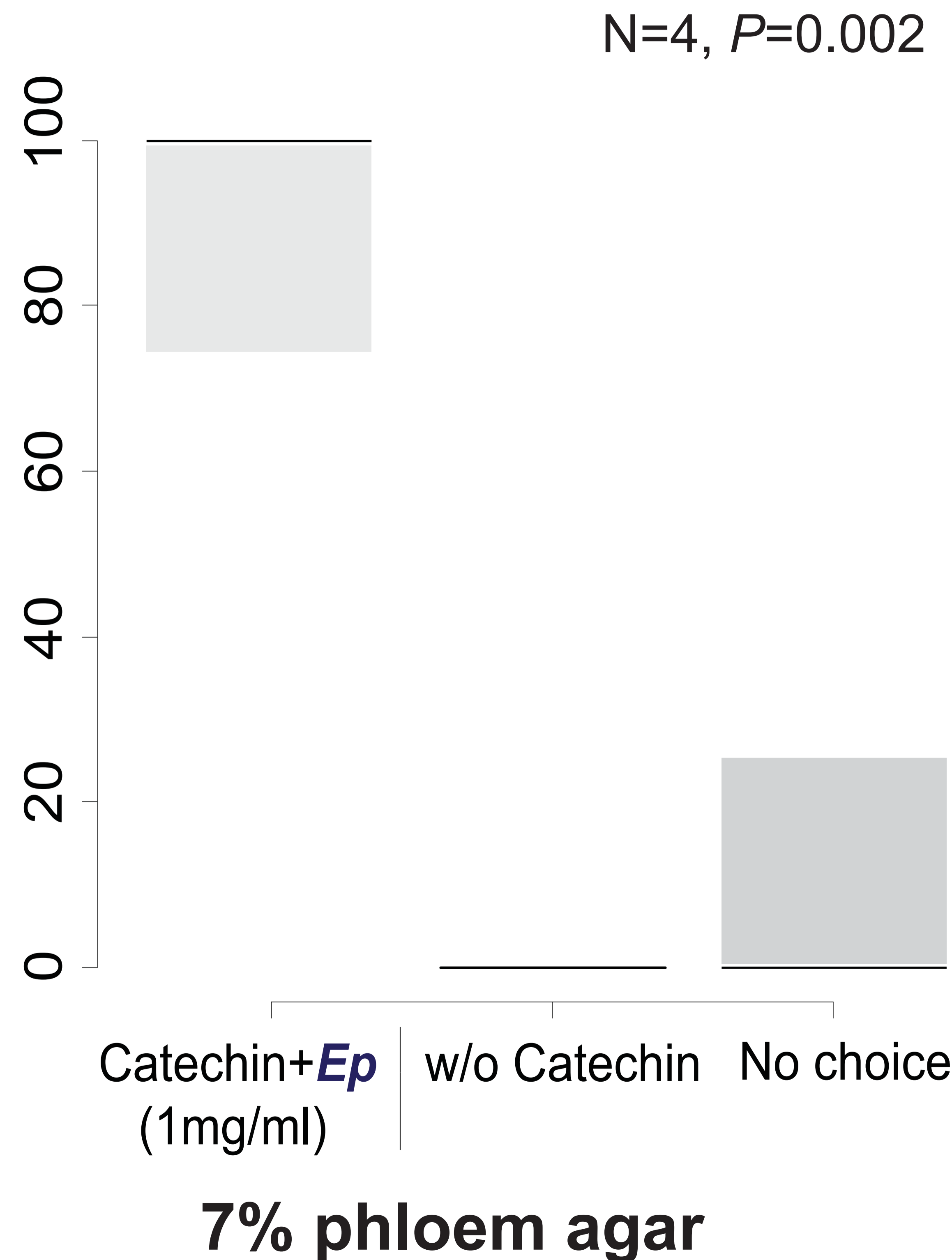


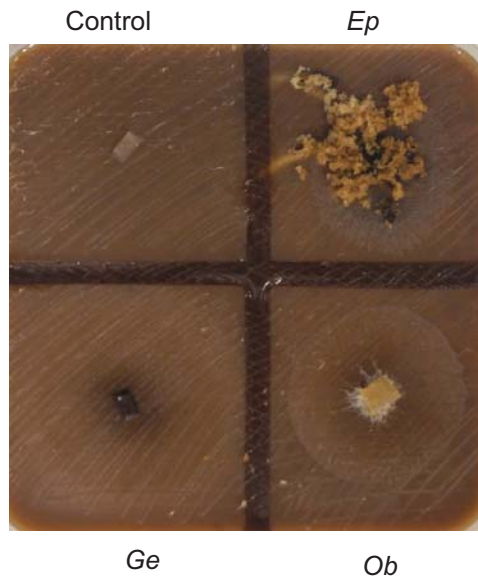
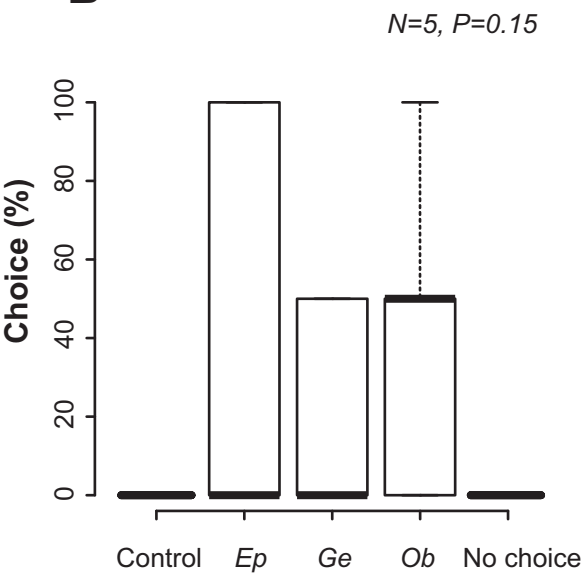
## Spruce bark agar



## Minimal medium with glucose



**A****B**

**A****B****C**