

ReadMe for Richardson&Smiseth.xls

This file consists of a spreadsheet, which provides data for the effects of inbreeding on competitive effort. Each line represent an individual male.

Lifespan = number of days lived past eclosion

Masschange = change in mass (g) over the experimental period calculated by subtracting the pre-breeding mass from the post-breeding mass

Broodsize = number of larvae that successfully dispersed from the carcass

Meanlarvalmass = average mass of individual larvae at dispersal (g) calculated by dividing the total larval mass by the brood size

Ownstatus = the focal individual's own inbreeding status. 'O' refers to outbred and 'I' refers to inbred.

Opponentstatus = the status of the focal individual's opponent. 'O' refers to outbred, 'I' refers to inbred and 'A' refers to absent – (i.e. the focal individual did not face an opponent).

Role = the focal individual's role in the experiment. 'R' refers to resident – (i.e. males provided with a carcass and allowed to establish a brood) and 'I' refers to intruder – (i.e. males introduced after the resident had established a brood).

Ownsize = the focal individual's body size (mm) measured as the width of the pronotum at the widest point

Sizediff = the difference between the body size (mm) of the focal individual and his opponent

Injury = the injury status of the focal individual at the end of the experimental period. 'Y' refers to injured and 'N' refers to uninjured.

Takeover = the outcome of the experiment from the point of view of the focal male. 'Y' refers to a takeover occurring – (i.e. the resident lost control of the carcass to the intruder) – and 'N' refers to no takeover occurring – (i.e. the resident successfully defended his carcass).

Opponentinjury = the injury status of the focal individual's opponent at the end of the experiment. 'Y' refers to injured and 'N' refers to uninjured.

Intrusion = whether or not the focal male was exposed to intrusion by an opponent or not. 'C' refers to control – (i.e. the focal male did not face an opponent) and 'E' refers to experimental – (i.e. the focal male faced an inbred or outbred opponent).

Carcass = the mass of the mouse provided to the resident.