

Supporting Material for

Partitioning product footprint changes into yield and environmental improvement effects: toward life cycle assessment of agricultural system transitions

Kiyotada Hayashi

Institute for Agro-Environmental Sciences, National Agriculture and Food Research Organization

Fig. S1 Partition of carbon footprint improvements into yield and environmental improvement effects for each category of agricultural system transitions. Organic = Transition to organic agriculture, Integrated = Transition to integrated production, Microbial = Transition to agricultural systems using microbial inoculants, Biostimulant = Transition to agricultural systems using biostimulants

Fig. S2 Partition of carbon footprint improvements into yield and environmental improvement effects for the transition to organic agriculture (cereals and pulses)

Fig. S3 Partition of carbon footprint improvements into yield and environmental improvement effects for the transition to organic agriculture (vegetables)

Fig. S4 Partition of carbon footprint improvements into yield and environmental improvement effects for the transition to organic agriculture (fruits)

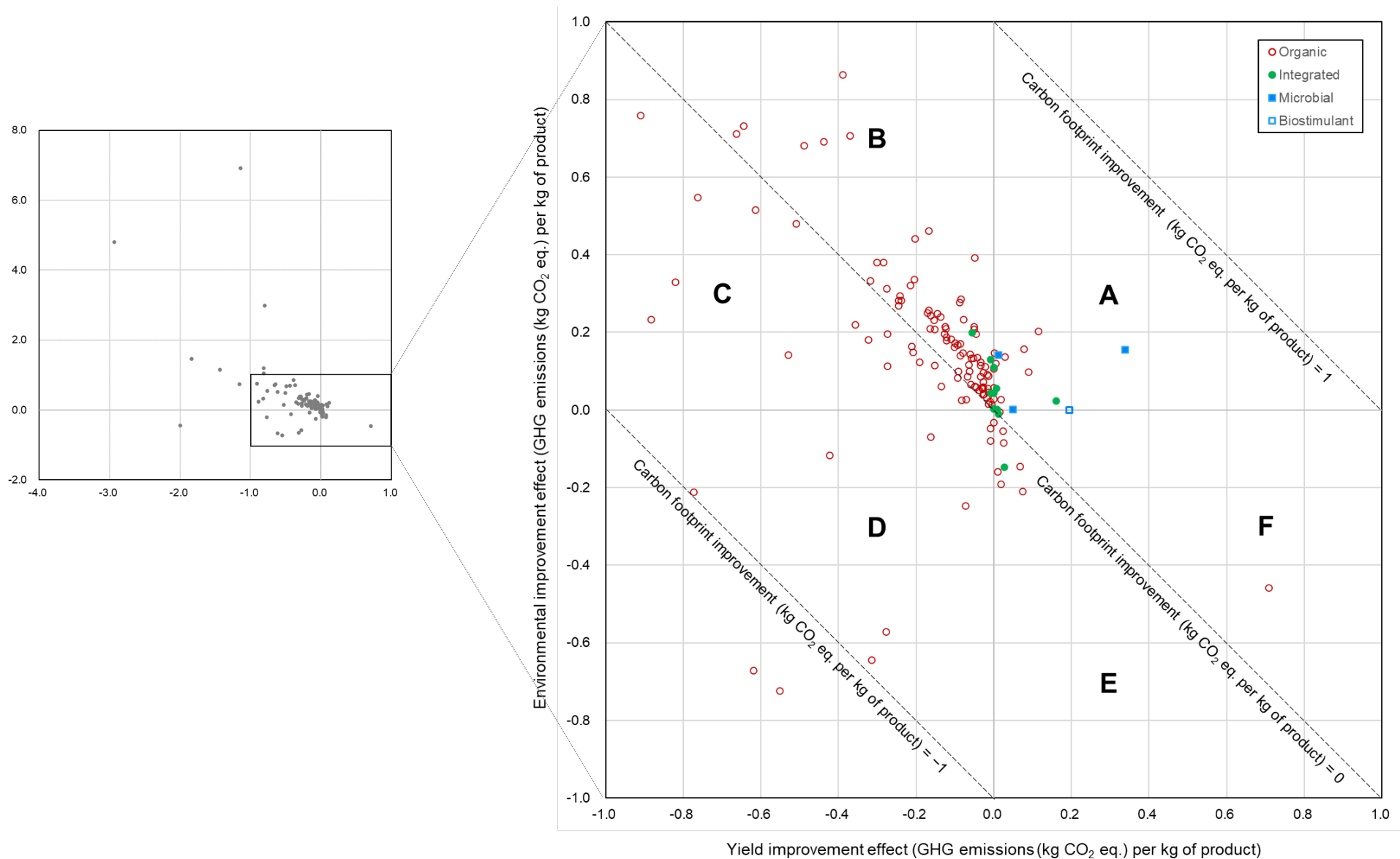


Fig. S1 Partition of carbon footprint improvements into yield and environmental improvement effects for each category of agricultural system transitions. Organic = Transition to organic agriculture, Integrated = Transition to integrated production, Microbial = Transition to agricultural systems using microbial inoculants, Biostimulant = Transition to agricultural systems using biostimulants

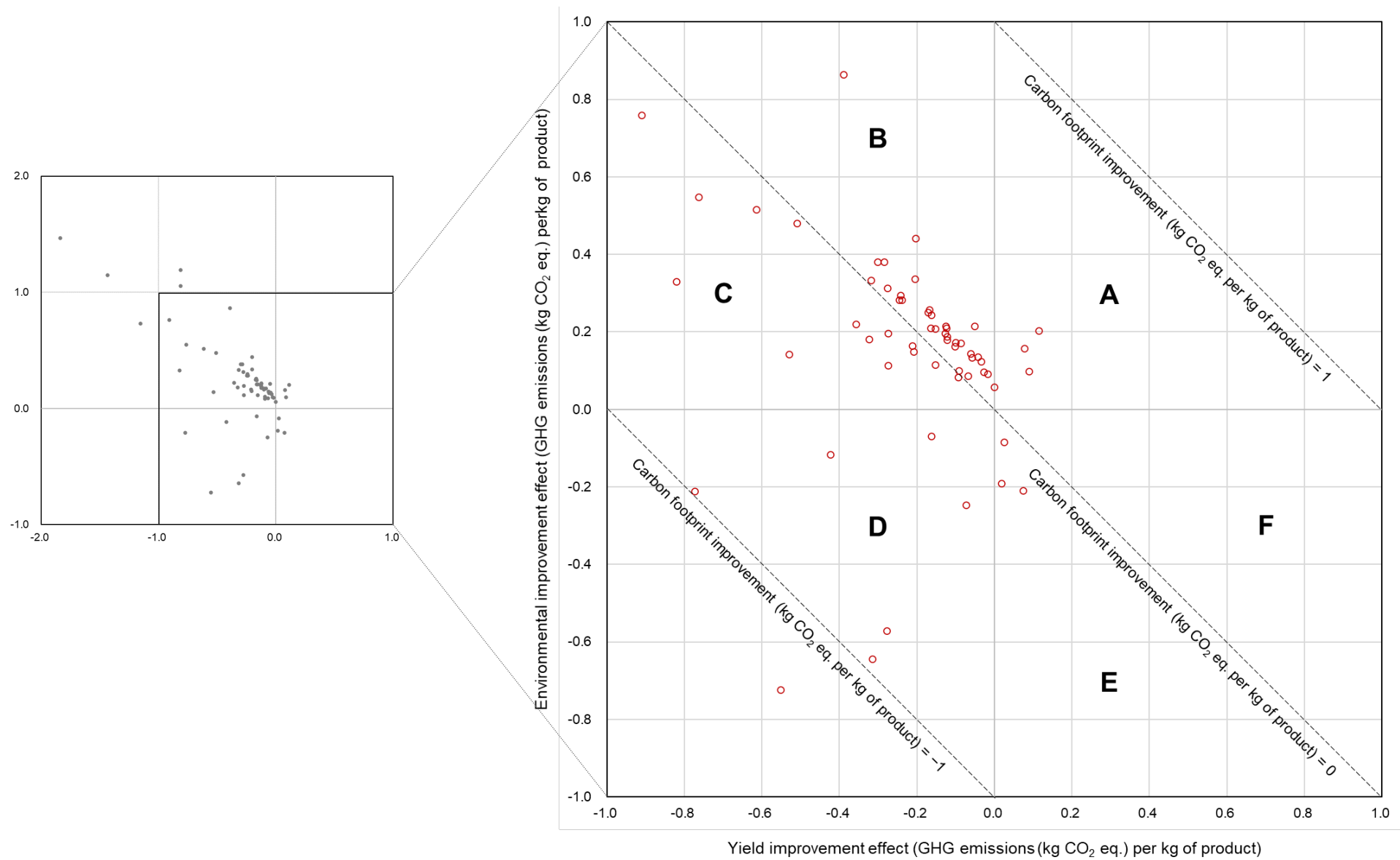


Fig. S2 Partition of carbon footprint improvements into yield and environmental improvement effects for the transition to organic agriculture (cereals and pulses)

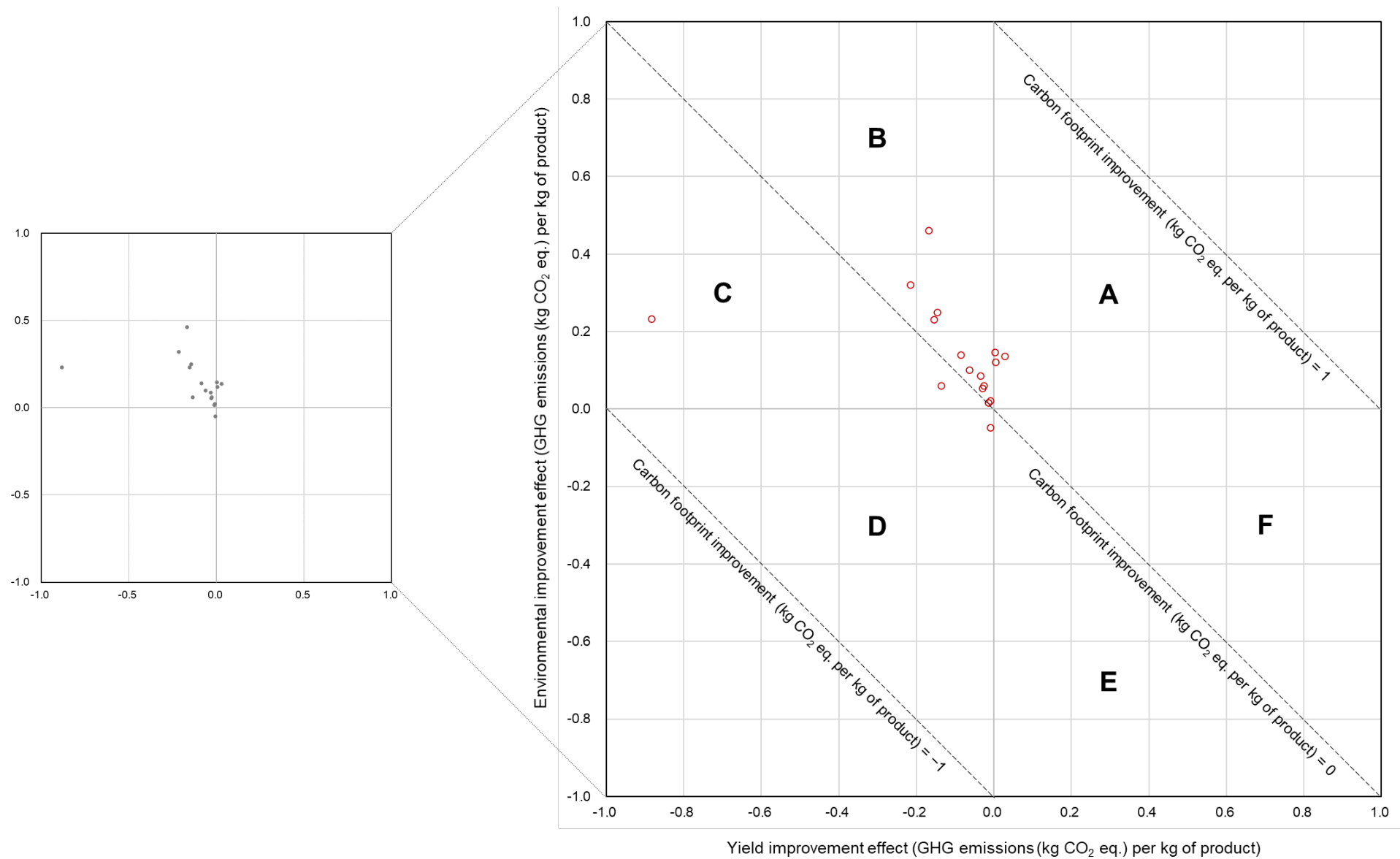


Fig. S3 Partition of carbon footprint improvements into yield and environmental improvement effects for the transition to organic agriculture (vegetables)

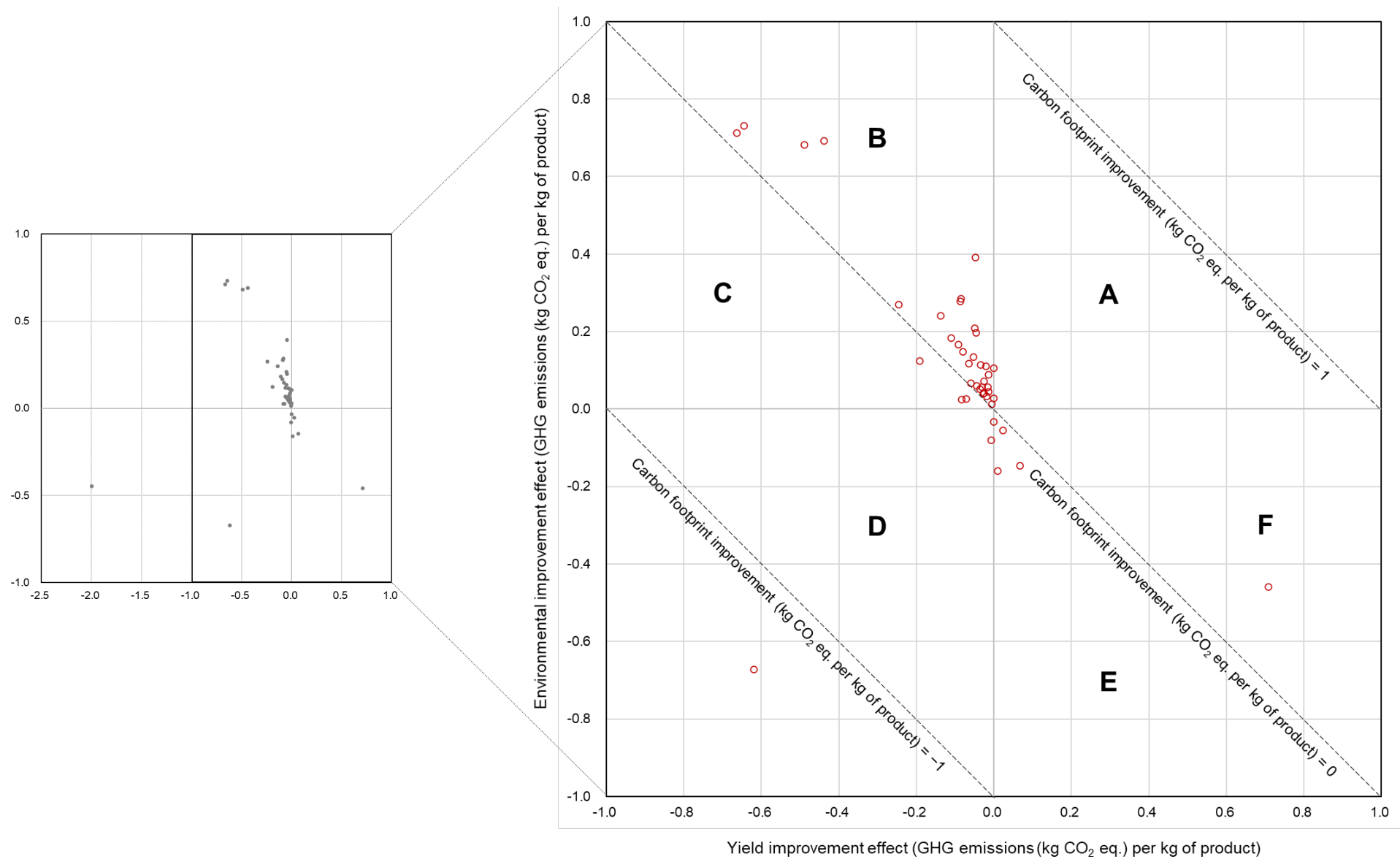


Fig. S4 Partition of carbon footprint improvements into yield and environmental improvement effects for the transition to organic agriculture (fruits)