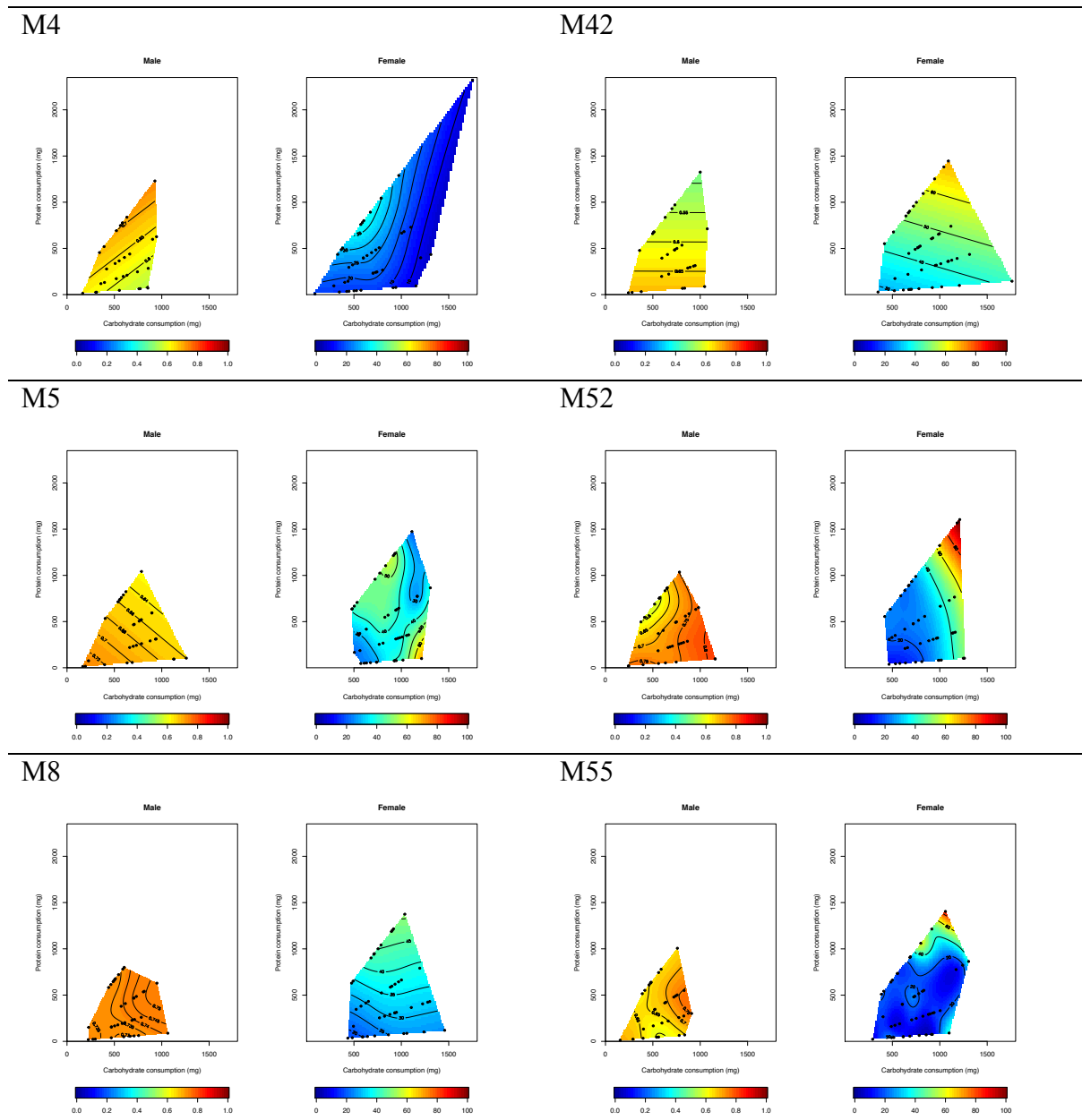
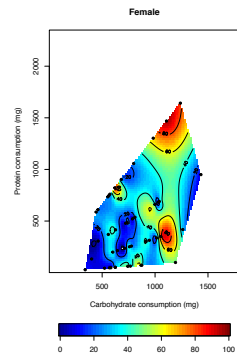
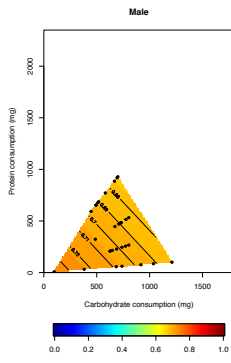


## Supplement 2

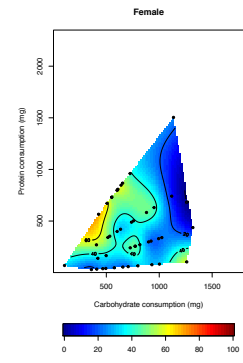
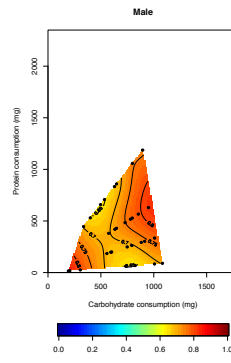
**Figure S2.1:** Genotype-specific fitness response surfaces illustrating the effects of protein and carbohydrate intake on male and female fitness. High fitness values are represented by red and low fitness values represented by blue colours. Fitness values are relative to the overall hemiclonal population fitness. If a hemiclone line has relative low fitness compared to all other lines, then the surface colour will be mostly blue (regardless of where the individual hemiclone fitness peak is). Black dots are individual data points of consumption for the given sex.



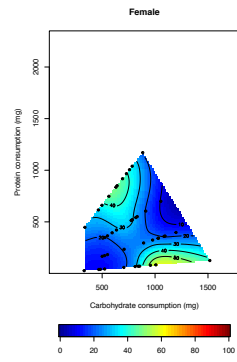
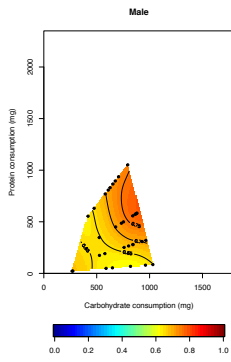
M10



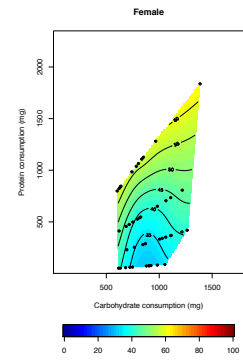
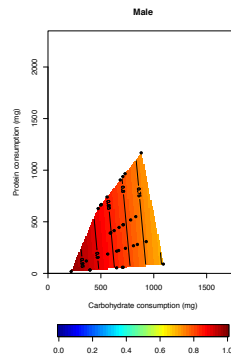
M57



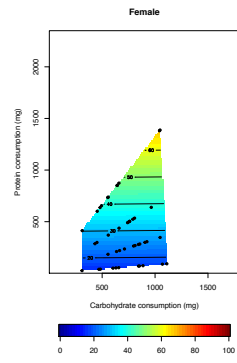
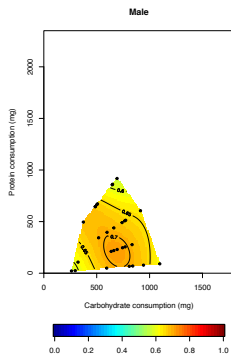
M14



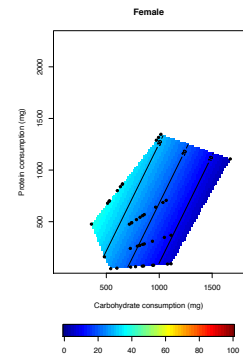
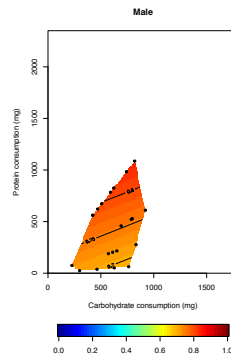
M58



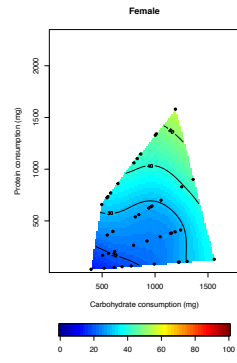
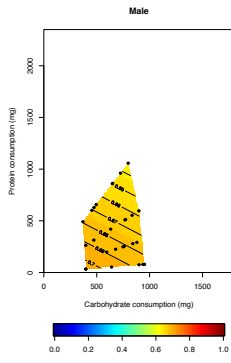
M19



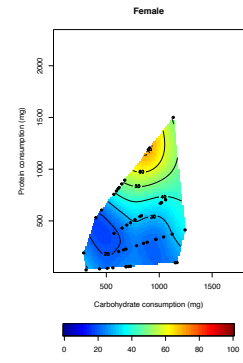
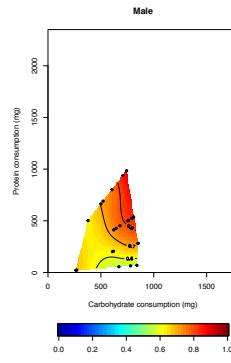
M59



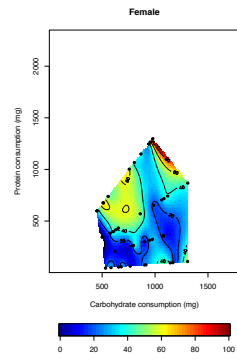
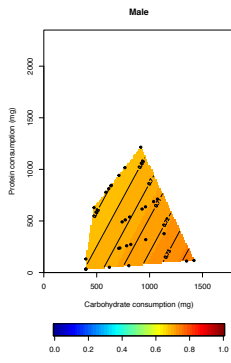
M22



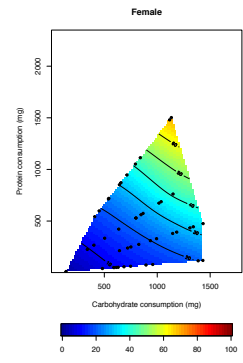
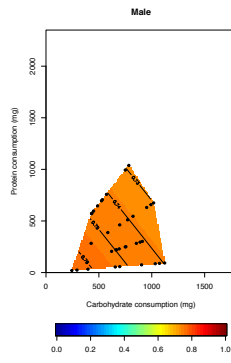
M60



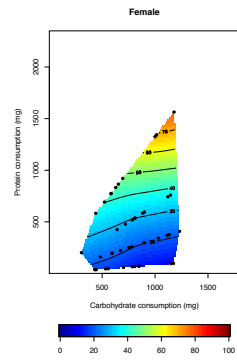
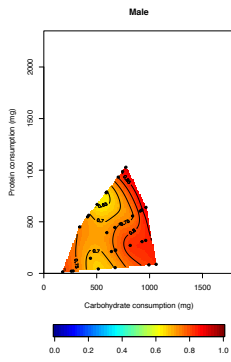
M23



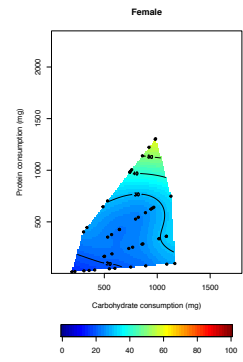
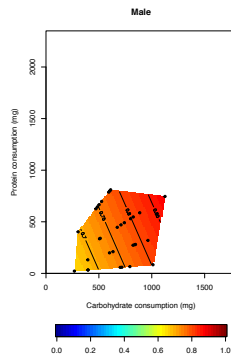
M71



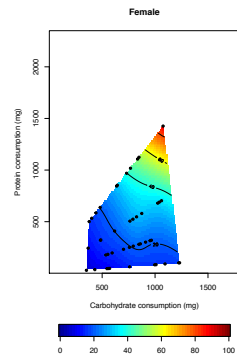
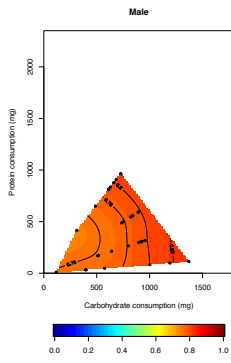
M24



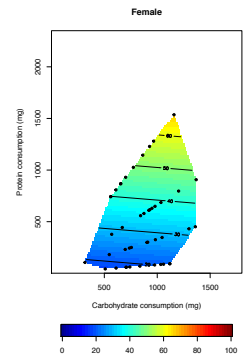
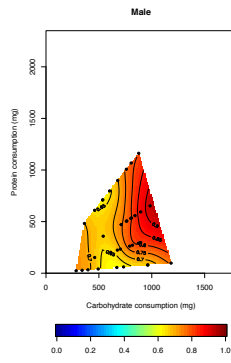
M76



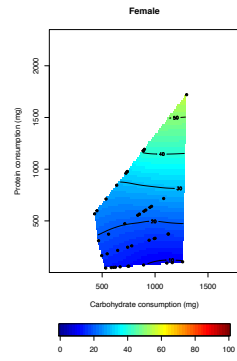
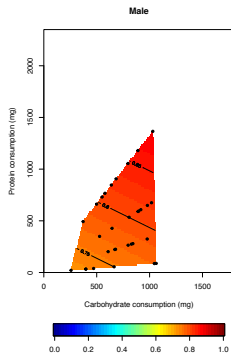
M31



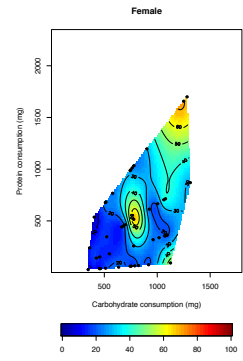
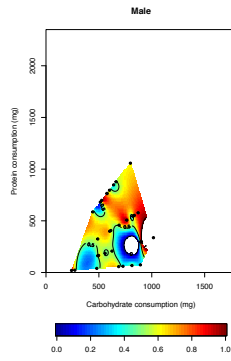
M85



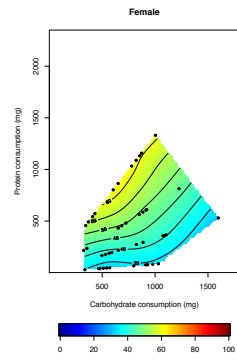
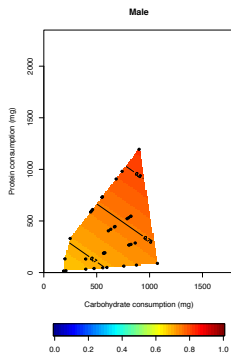
M32



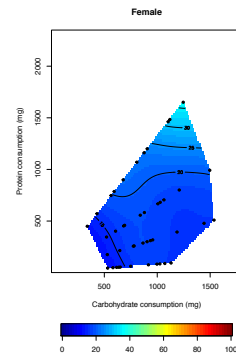
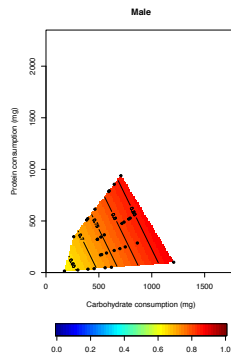
M91



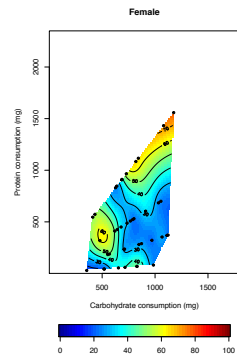
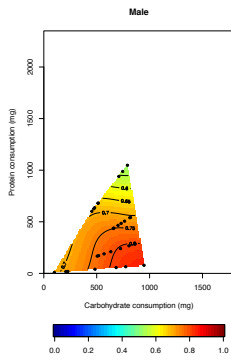
M34



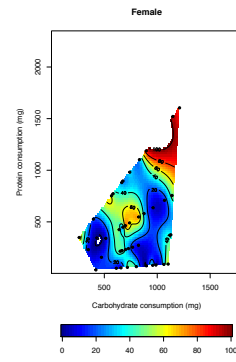
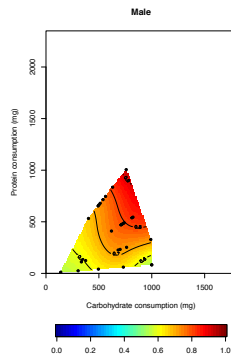
M93



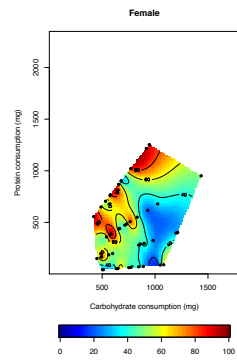
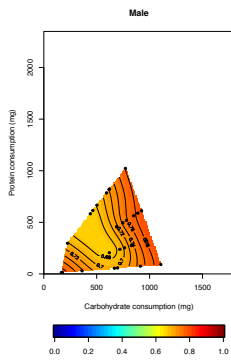
M35



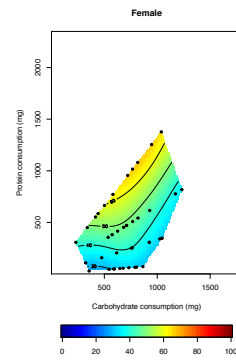
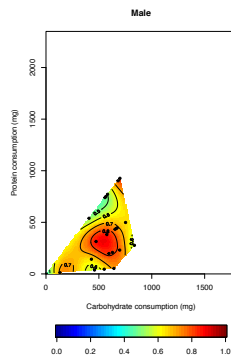
M94



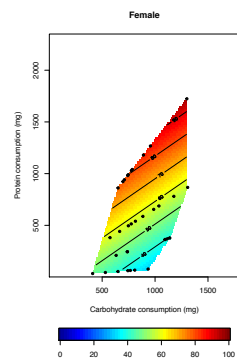
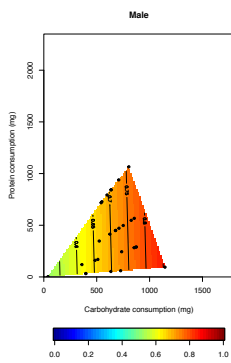
M39



M95



M40



M97

