In[ ]:=
```
rawfig2a = Import[NotebookDirectory[] <> "fig2a_data.csv", "CSV"];
```

Equilibrium calculation

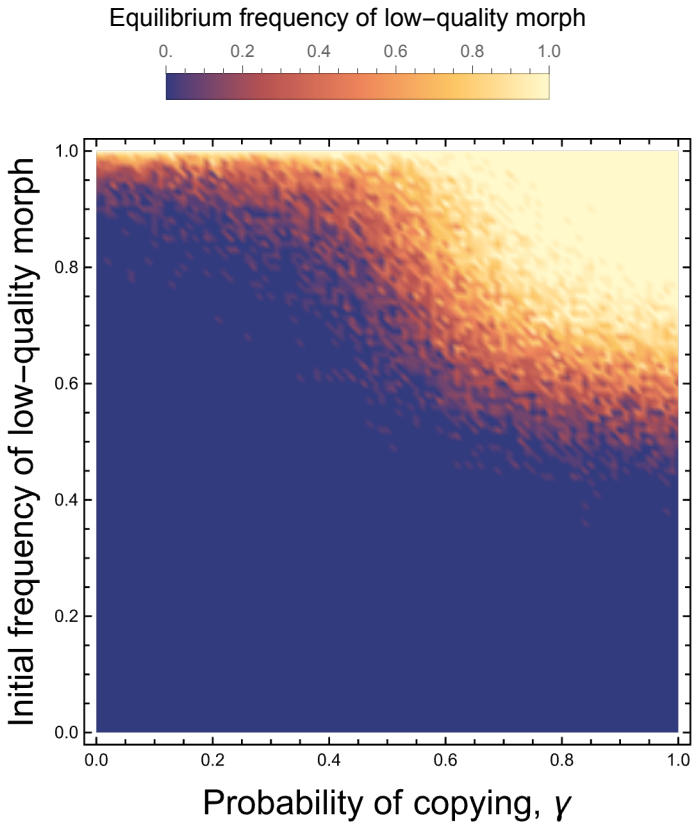
In[69]:=
$$A[u\_, \alpha\_, \gamma\_] := \frac{\frac{u}{(1-u)} + 1 - \gamma}{\alpha\,\gamma};$$

$$equilibrium[r\_, \beta\_, u\_, \alpha\_, \gamma\_] := \frac{1}{\left(\frac{r+1}{A[u,\alpha,\gamma]\ (r-1)+r}\right)^{1/\beta} + 1};$$

Fig2a

In[ ]:=
```
ListDensityPlot[rawfig2a[[2 ;;]], PlotRange → All,
 PlotLegends → Placed[BarLegend[Automatic, LegendMargins → {{0, 0}, {10, 5}},
    LegendLabel → "Equilibrium frequency of low-quality morph",
    LabelStyle → {FontFamily → "Calibri"}], Above],
 Frame → True, FrameStyle → Directive[Black, Thickness[0.003]],
 FrameLabel → {Style["Probability of copying, γ", FontFamily → "Calibri", 18],
   Style["Initial frequency of low-quality morph", FontFamily → "Calibri", 18]}]
```

Out[ ]=



In[73]:=
```
q2 = 3; q1 = 2; β = 2; u = 0.1; α = 0.8;
Plot[equilibrium[q2 / q1, β, u, α, γ], {γ, 0, 1}, PlotRange → All]
```

Out[74]=

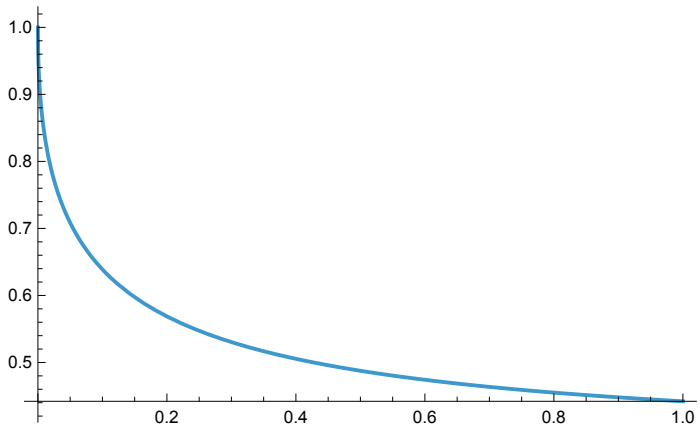


Fig2b

In[ ]:=
```
rawfig2b = Import[NotebookDirectory[] <> "fig2b_data.csv", "CSV"];
```

In[ ]:=
```
rawfig2b[[2 ;; 10]]
```

Out[ ]=
```
{{0., 0., 0.}, {0., 0.01, 0.0005}, {0., 0.02, 0.004},
 {0., 0.03, 0.006}, {0., 0.04, 0.0075}, {0., 0.05, 0.0085},
 {0., 0.06, 0.0095}, {0., 0.07, 0.0105}, {0., 0.08, 0.011}}
```

```
In[ ]:= ListDensityPlot[rawfig2b[[2 ;;]], PlotRange → All,
 PlotLegends → Placed[BarLegend[Automatic,
    LegendMargins → {{0, 0}, {10, 5}}, LegendLabel → "Normalised fixation time",
    LabelStyle → {FontFamily → "Calibri"}], Above],
 Frame → True, FrameStyle → Directive[Black, Thickness[0.003]],
 FrameLabel → {Style["Probability of copying, γ", FontFamily → "Calibri", 18],
   Style["Initial frequency of low-quality morph", FontFamily → "Calibri", 18]}]
```

Out[ ]=

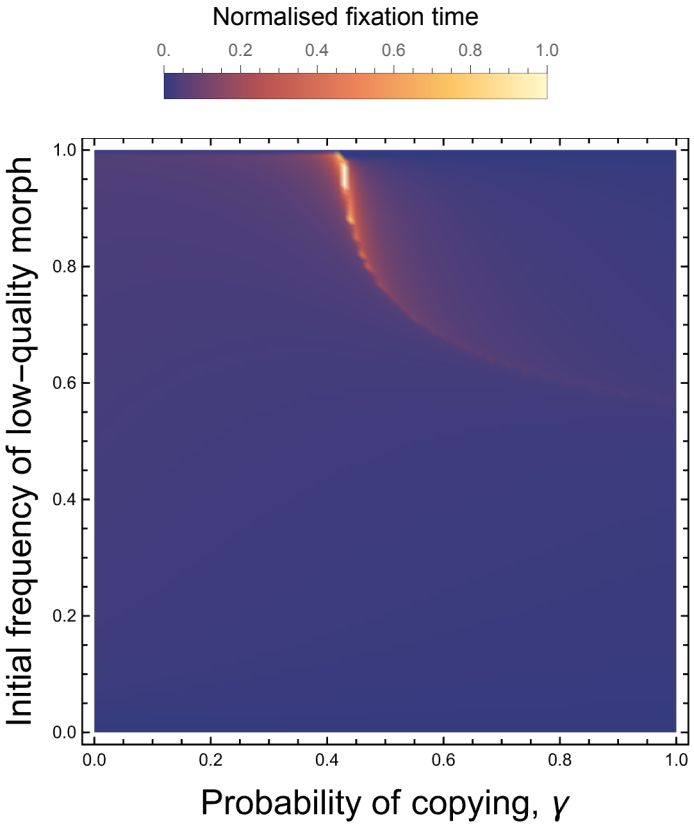


Fig 2c

```
In[ ]:= rawfig2c = Import[NotebookDirectory[] <> "fig2c_data.csv", "CSV"];
```

In[ ]:=
```
ListDensityPlot[rawfig2c[[2 ;;]], PlotRange → All,
 PlotLegends → Placed[BarLegend[Automatic, LegendMargins → {{0, 0}, {10, 5}},
    LegendLabel → "Absolute difference in modified qualities",
    LabelStyle → {FontFamily → "Calibri"}], Above],
 Frame → True, FrameStyle → Directive[Black, Thickness[0.003]],
 FrameLabel → {Style["Probability of copying, ɣ", FontFamily → "Calibri", 18],
   Style["Initial frequency of low-quality morph", FontFamily → "Calibri", 18]}]
```

Out[ ]=