Figure showing two scatter plots. Left panel a) intrinsic population and right panel b) detectable population.

Left panel a) "intrinsic population":
- X-axis (bottom): percentage M_2 spinning (non-MRR), from 0% to 100%
- X-axis (top): percentage M_1 spinning (MRR), from 100% to 0%
- Y-axis: Fraction BBHs with one $\chi_{BH} > 0.05$, from 0.0 to 0.5

Right panel b) "detectable population":
- X-axis (bottom): percentage M_2 spinning (non-MRR), from 0% to 100%
- X-axis (top): percentage M_1 spinning (MRR), from 100% to 0%
- Y-axis: Fraction BBHs with one $\chi_{BH} > 0.05$, from 0.00 to 0.35
- Label: Galaudage et al. (2021)

Legend:
- model A: fiducial
- model B: $\beta = 0.25$
- model J: $\alpha_{CE} = 10$
- model K: optimistic CE
- model R: SN $v_{k,BH} = 0\,\mathrm{km\,s^{-1}}$
- other models