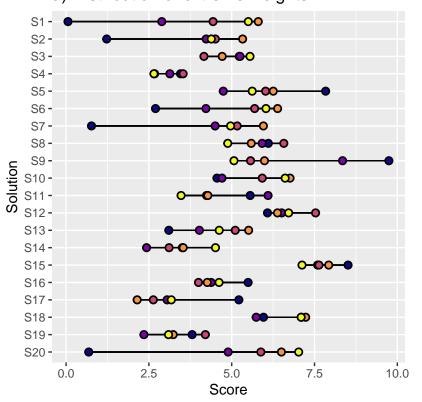
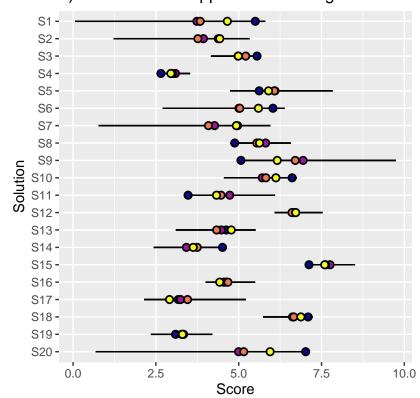
## a) Distribution of extreme weights



## Weight

- **(**1, 0, 0, 0, 0)
- **o** (0.5, 0.5, 0, 0, 0)
- **(**0.33, 0.33, 0.33, 0, 0)
- **(**0.25, 0.25, 0.25, 0.25, 0)
- **O** (0.2, 0.2, 0.2, 0.2, 0.2)

## b) Distribution of approximated weights



## Weight

- EW=(0.2, 0.2, 0.2, 0.2, 0.2)
- ROC=(0.46, 0.26, 0.16, 0.09, 0.04)
- RR=(0.44, 0.22, 0.15, 0.11, 0.09)
- RS=(0.33, 0.27, 0.2, 0.13, 0.07)