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An advantage of greater diversity

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We find greater genetic diversity in a Penna model when the mutation threshold is less than the reproductive age, for the case of individuals reproducing only once in their lifetime. This greater diversity is obtained at the cost of decreased saturation population. An increased mean lifespan was obtained for the population with greater genetic diversity. We interpret this longer lifespan as a benefit that supports the idea that it is better to have greater genetic diversity.

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