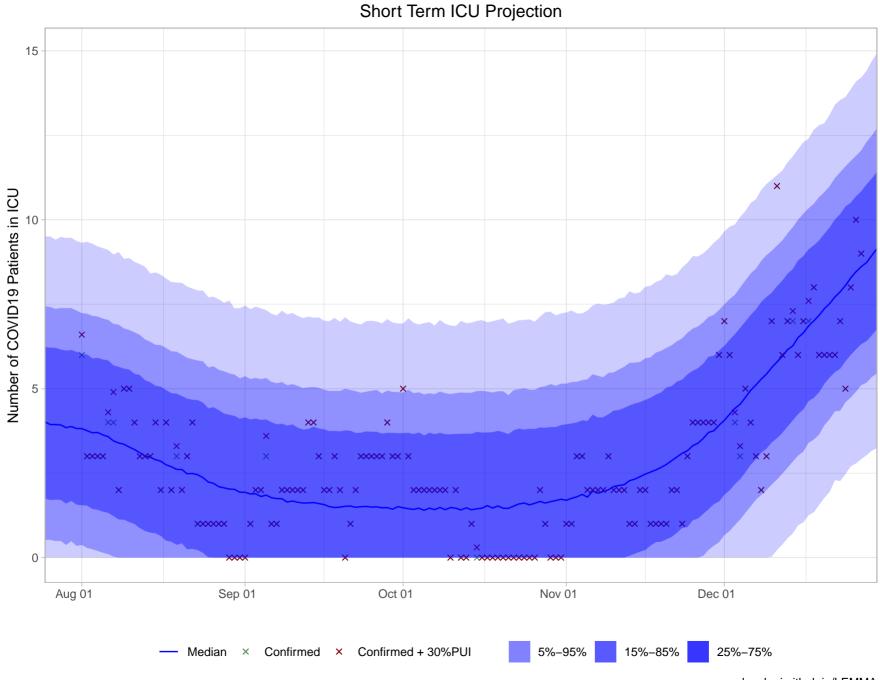
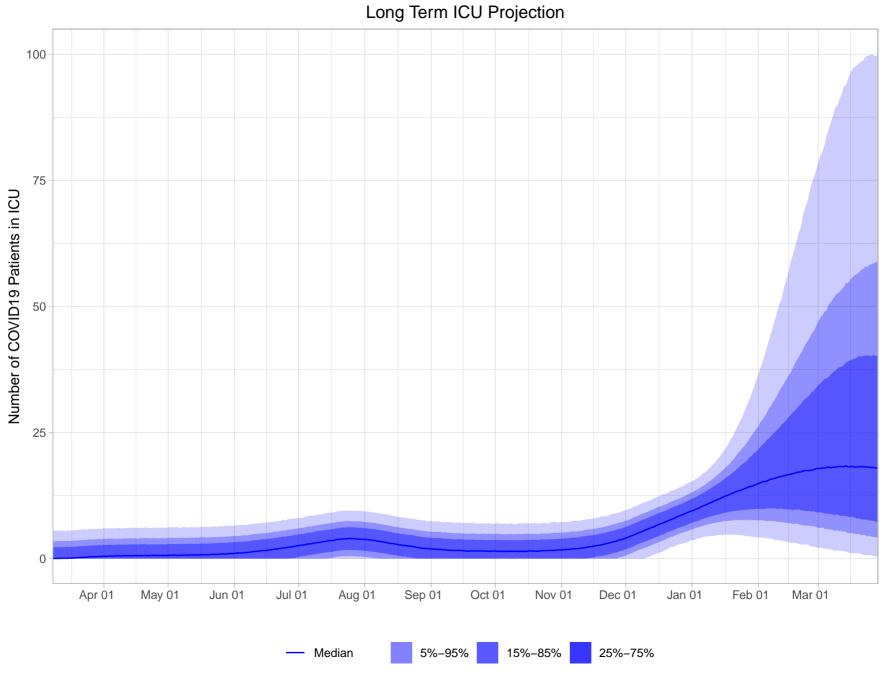
## Short Term Hospitalization Projection 30 Number of COVID19 Patients in Hospital Dec 01 May 01 Jun 01 Jul 01 Aug 01 Sep 01 Oct 01 Nov 01 Apr 01 25%-75%

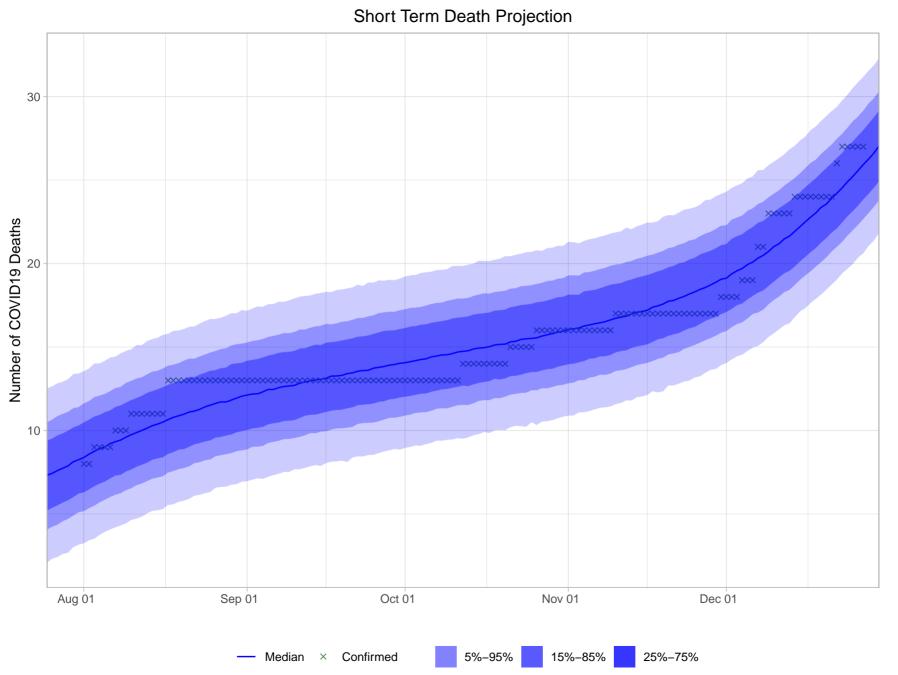
Median × Confirmed × Confirmed + 30%PUI

15%-85%

## Long Term Hospitalization Projection 250 200 Number of COVID19 Patients in Hospital 50 0 May 01 Jun 01 Aug 01 Sep 01 Oct 01 Nov 01 Jan 01 Feb 01 Mar 01 Apr 01 Jul 01 Dec 01 15%-85% 25%-75% Median 5%-95%







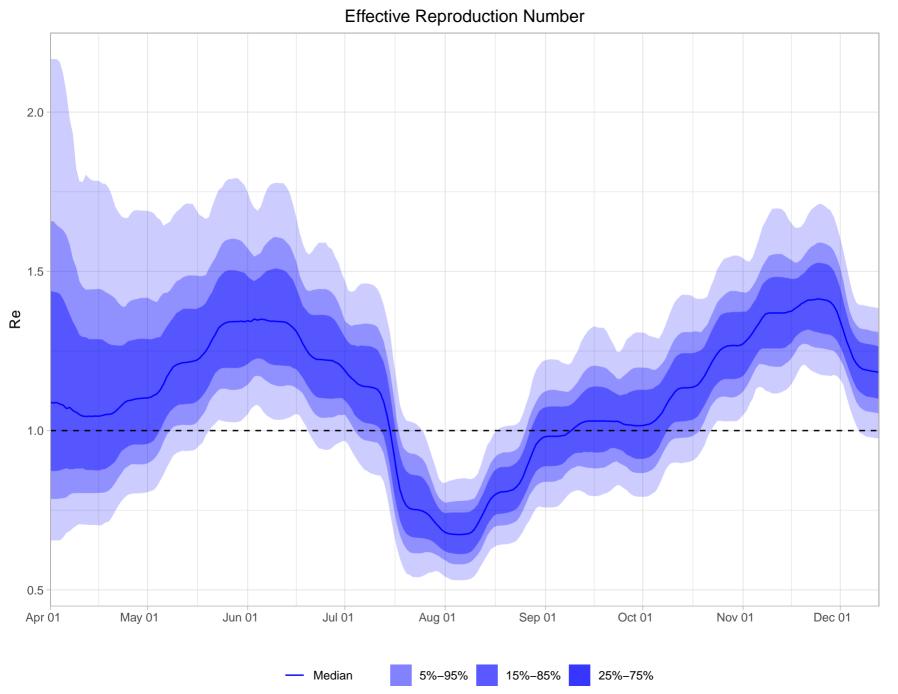
## Long Term Death Projection 200 Number of COVID19 Deaths 50 0 May 01 Jun 01 Jul 01 Aug 01 Sep 01 Oct 01 Nov 01 Dec 01 Jan 01 Feb 01 Mar 01 Apr 01

5%-95%

Median

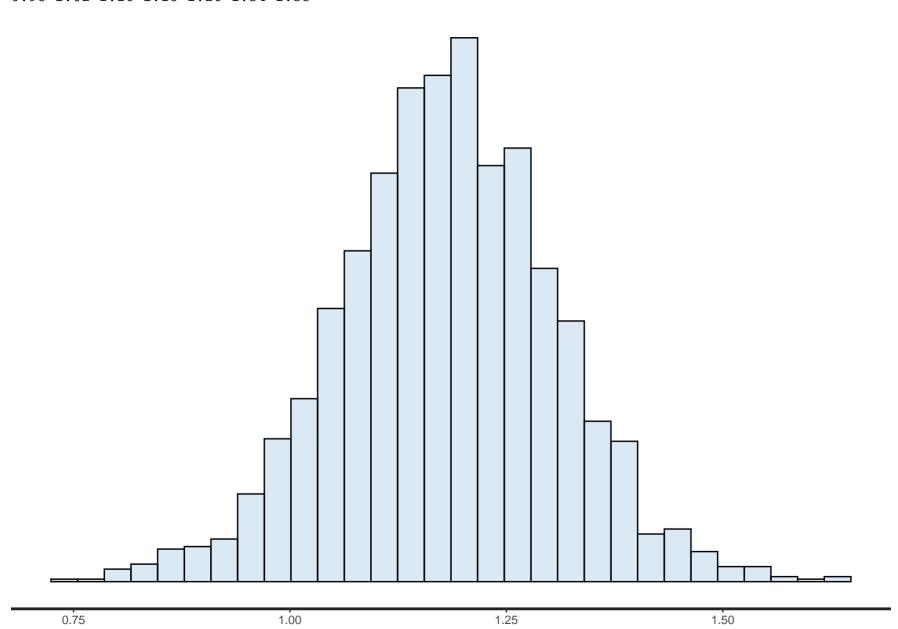
15%-85%

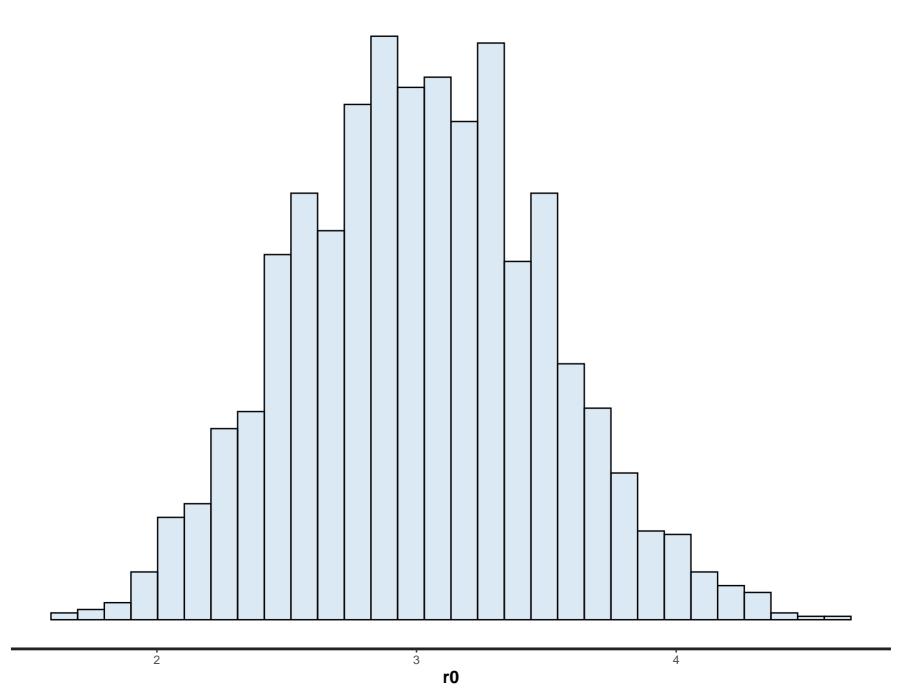
25%-75%

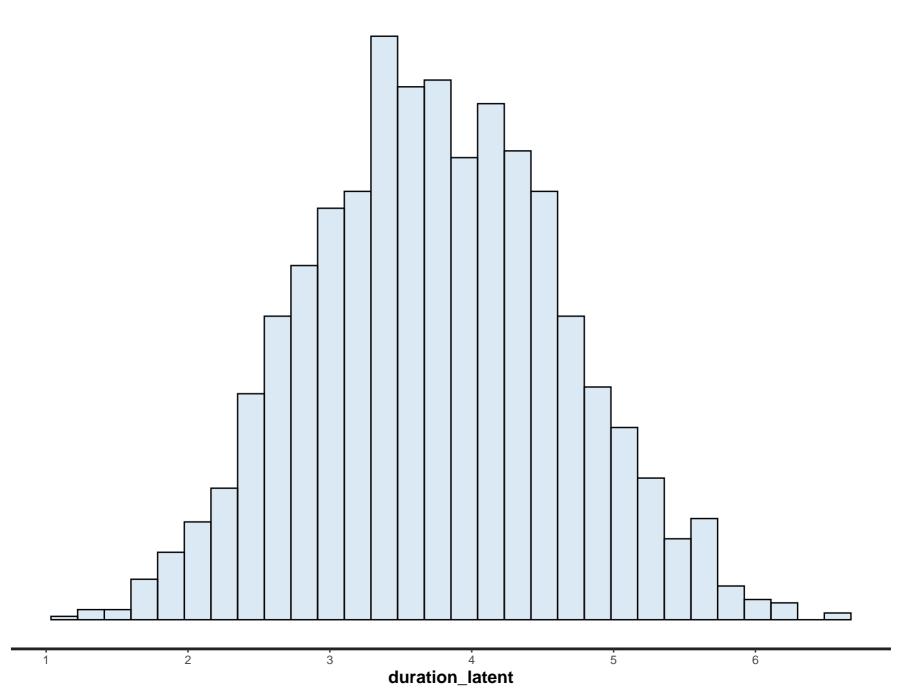


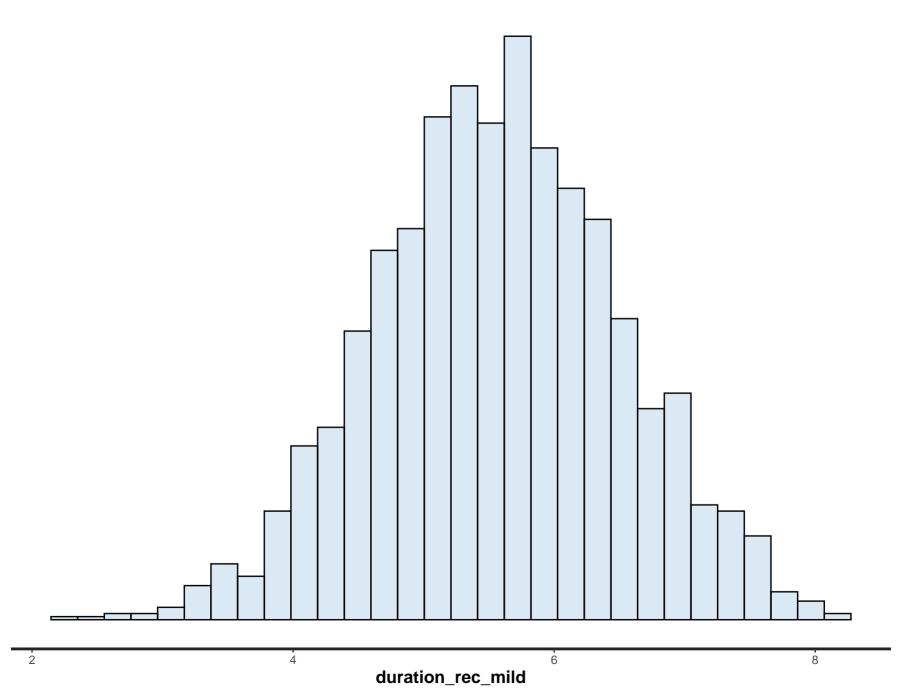
## Rt as of 2020-12-13

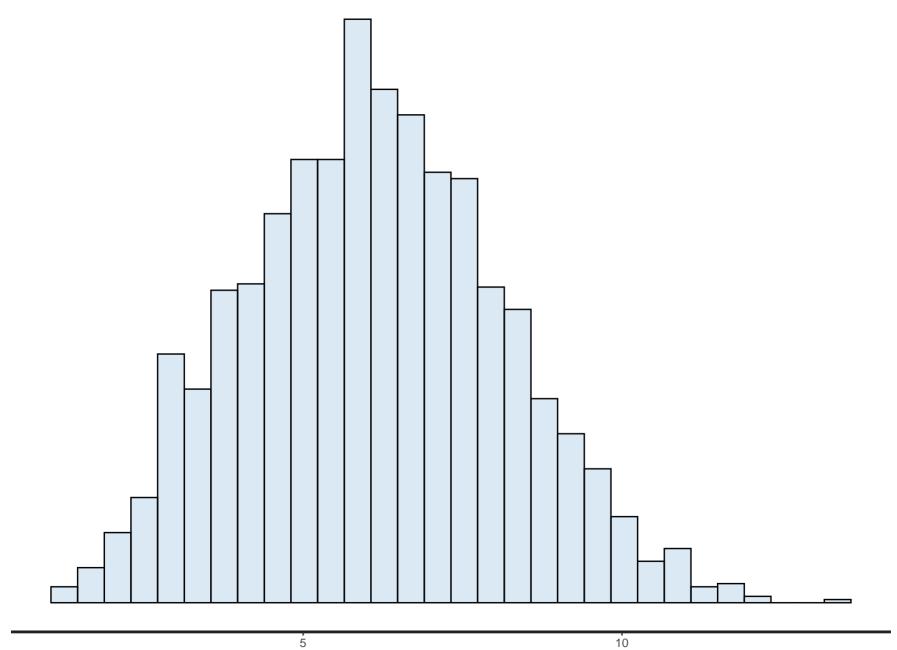
5% 10% 25% 50% 75% 90% 95% 0.98 1.02 1.10 1.18 1.26 1.34 1.38

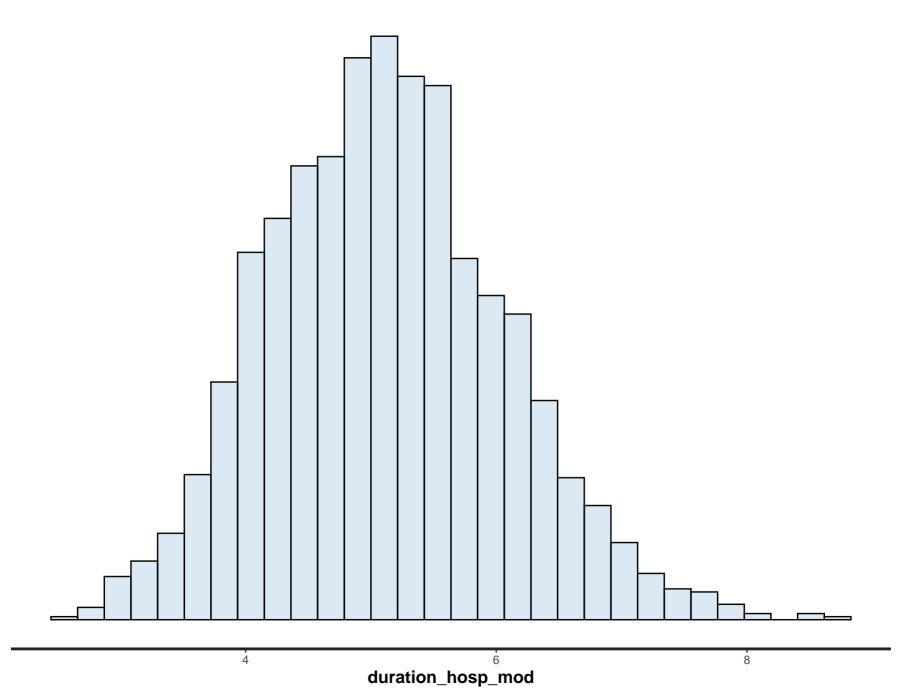


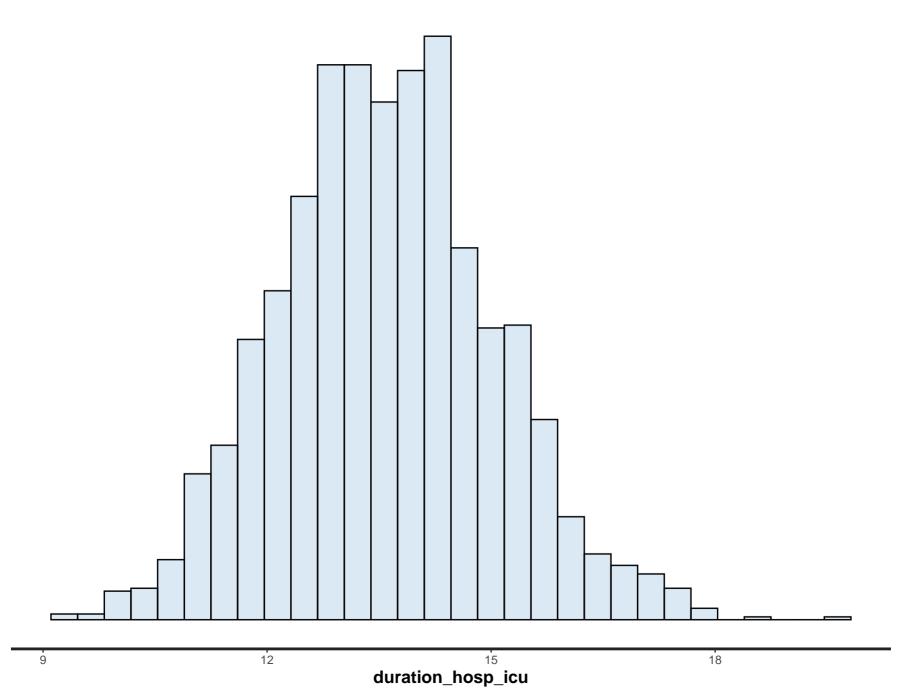


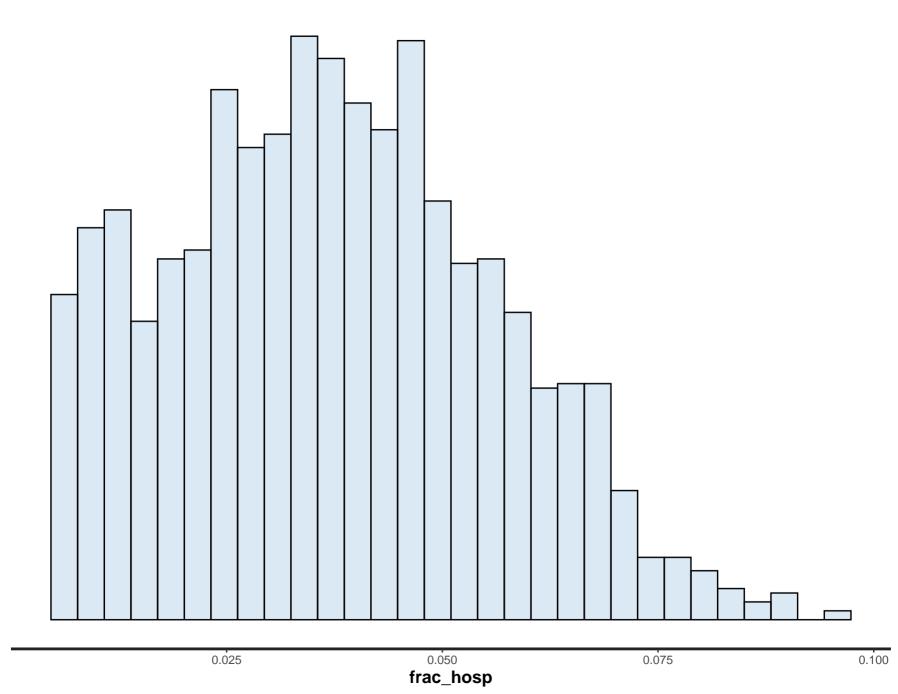


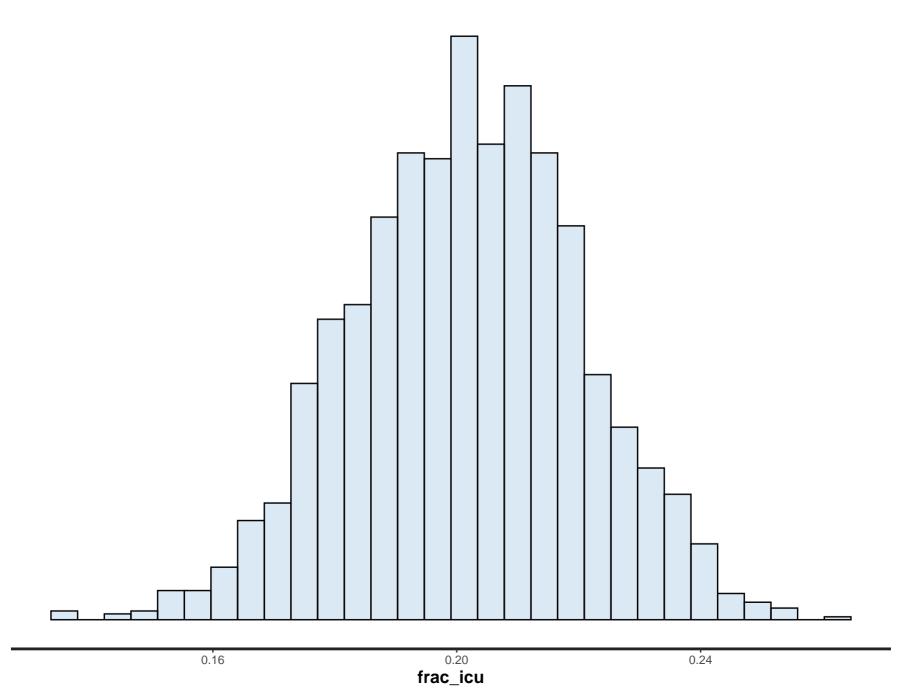


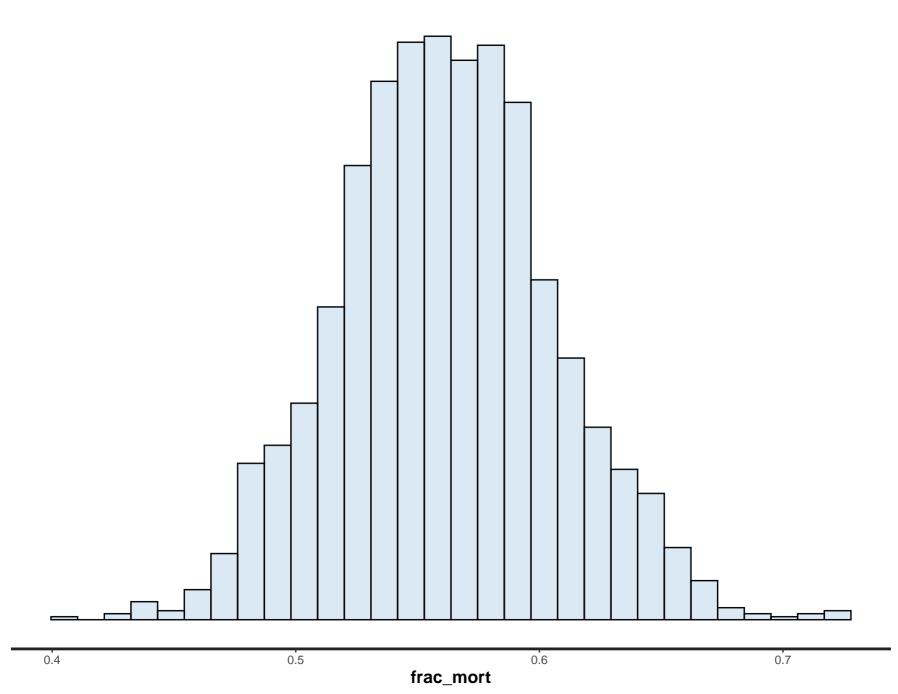


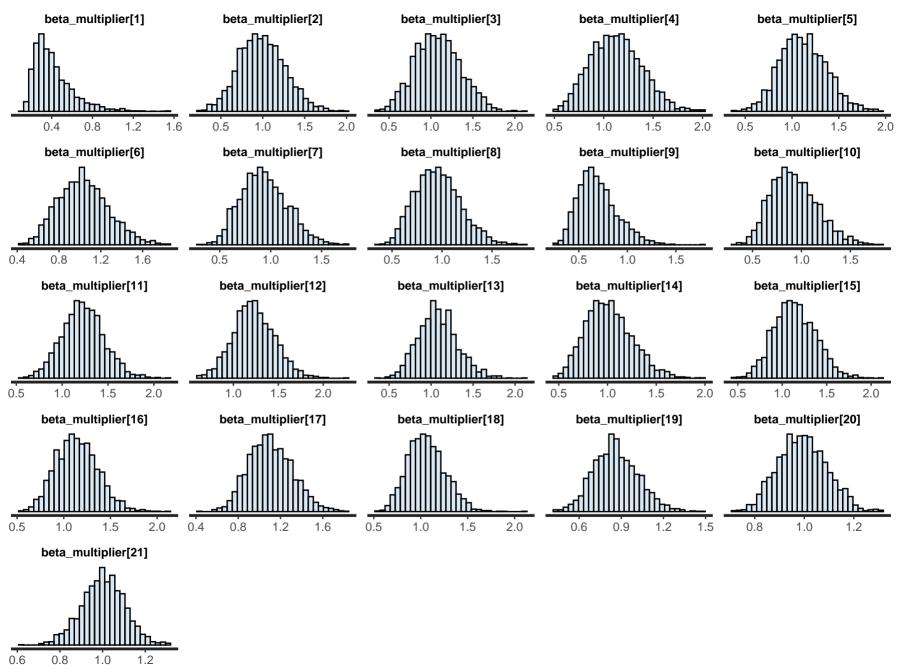












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