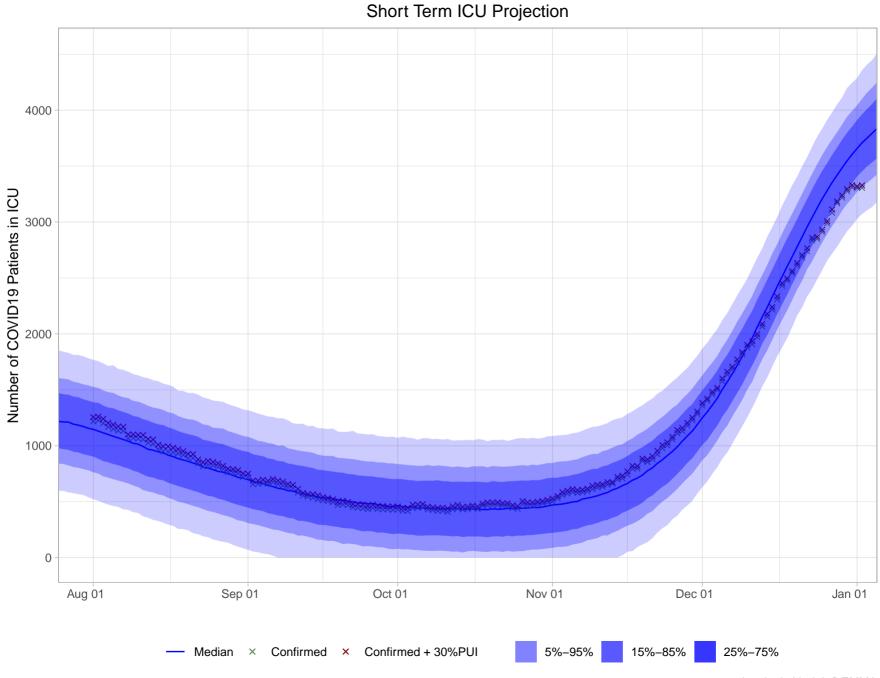


## Long Term Hospitalization Projection Number of COVID19 Patients in Hospital 0 Jun 01 Jul 01 Oct 01 Nov 01 Jan 01 Feb 01 Mar 01 Apr 01 May 01 Aug 01 Sep 01 Dec 01 25%-75% Median 5%-95% 15%-85%



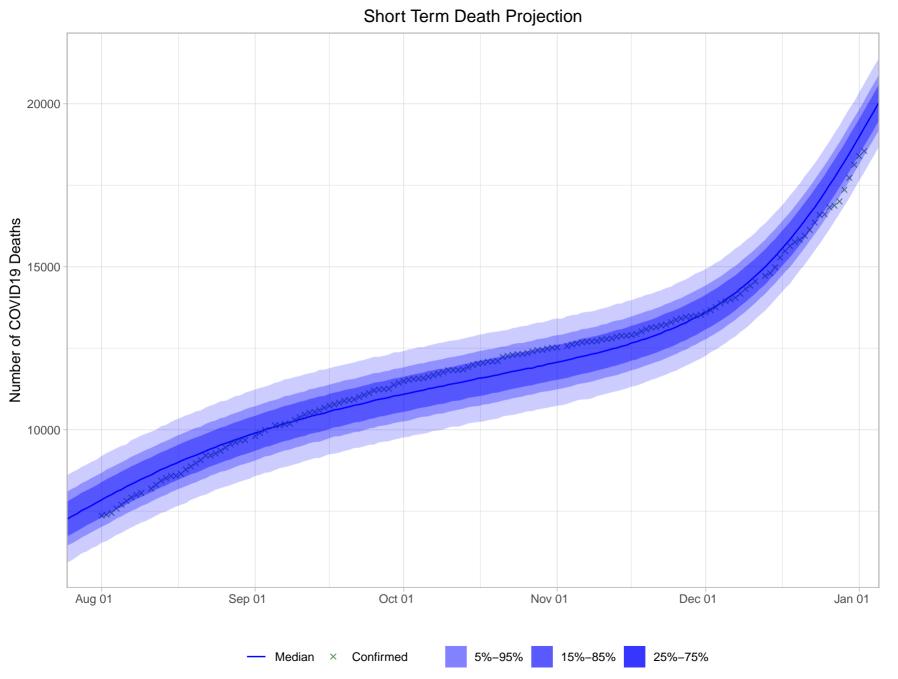
## Long Term ICU Projection 6000 Number of COVID19 Patients in ICU 0 Apr 01 May 01 Jun 01 Jul 01 Aug 01 Sep 01 Oct 01 Nov 01 Dec 01 Jan 01 Feb 01 Mar 01

5%-95%

Median

15%-85%

25%-75%



## Long Term Death Projection 40000 Number of COVID19 Deaths 0 Apr 01 May 01 Jun 01 Jul 01 Aug 01 Sep 01 Oct 01 Nov 01 Dec 01 Jan 01 Feb 01 Mar 01

5%-95%

Median

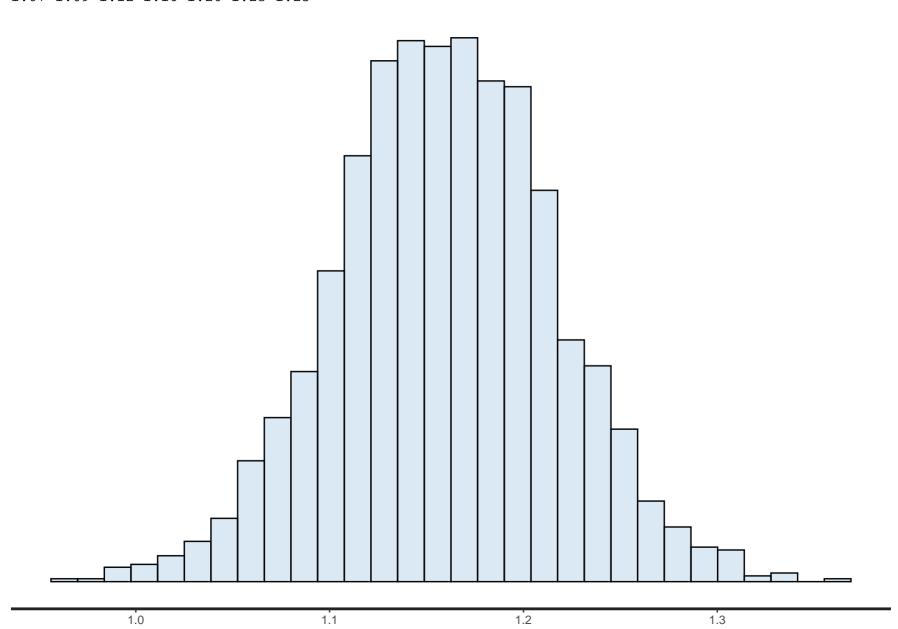
15%-85%

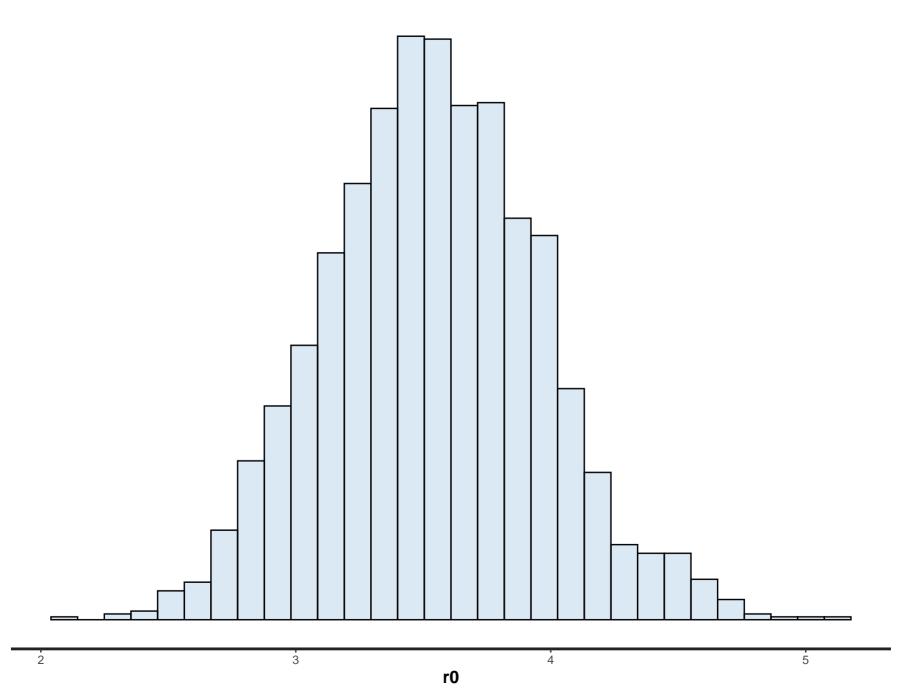
25%-75%

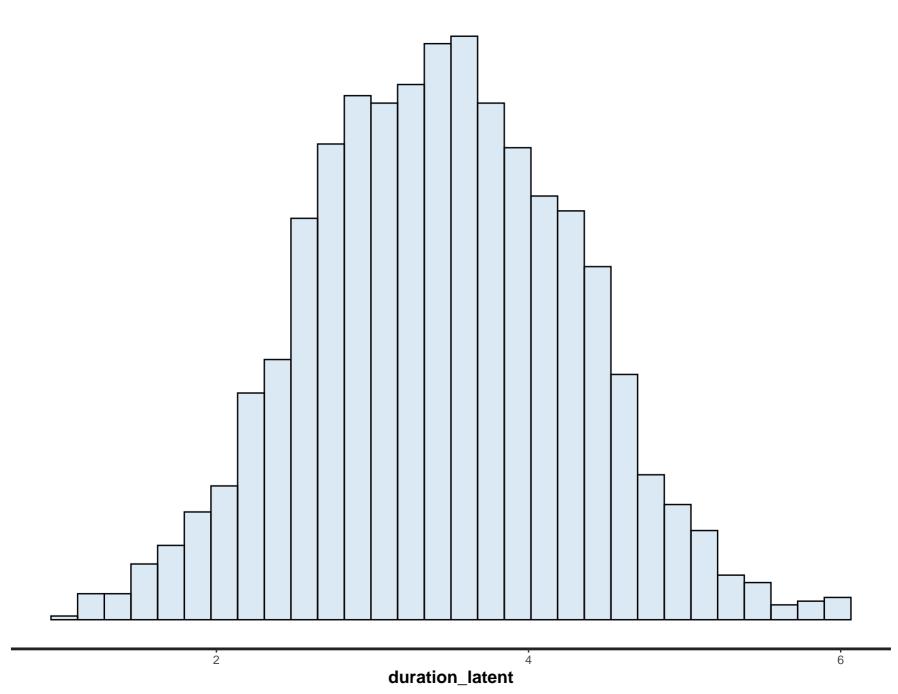
## Effective Reproduction Number 1.50 1.25 Re 1.00 0.75 May 01 Jul 01 Aug 01 Sep 01 Oct 01 Nov 01 Dec 01 Apr 01 Jun 01 25%-75% 5%-95% 15%-85% Median

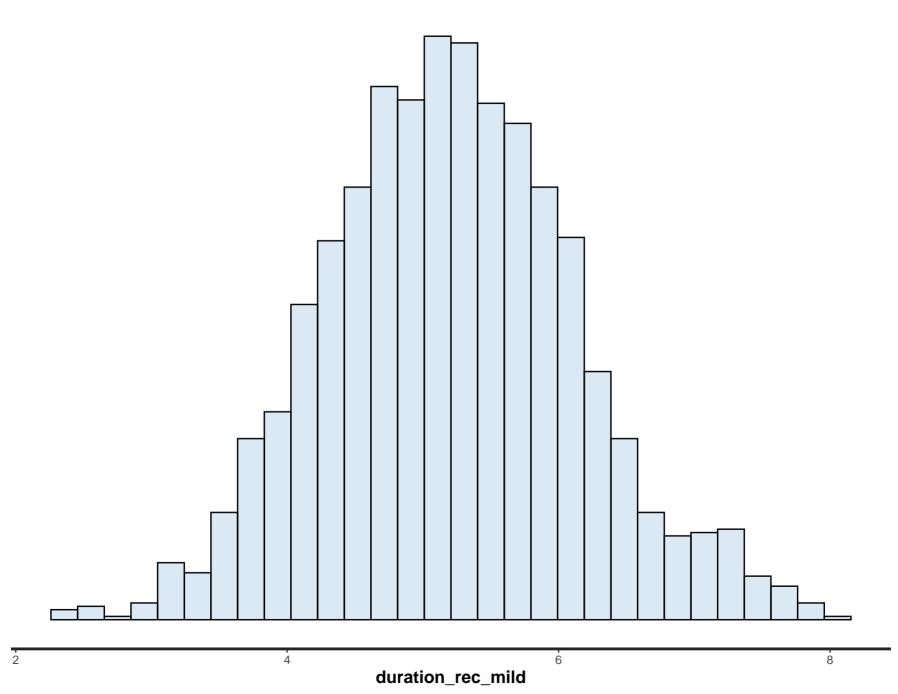
Rt as of 2020-12-19

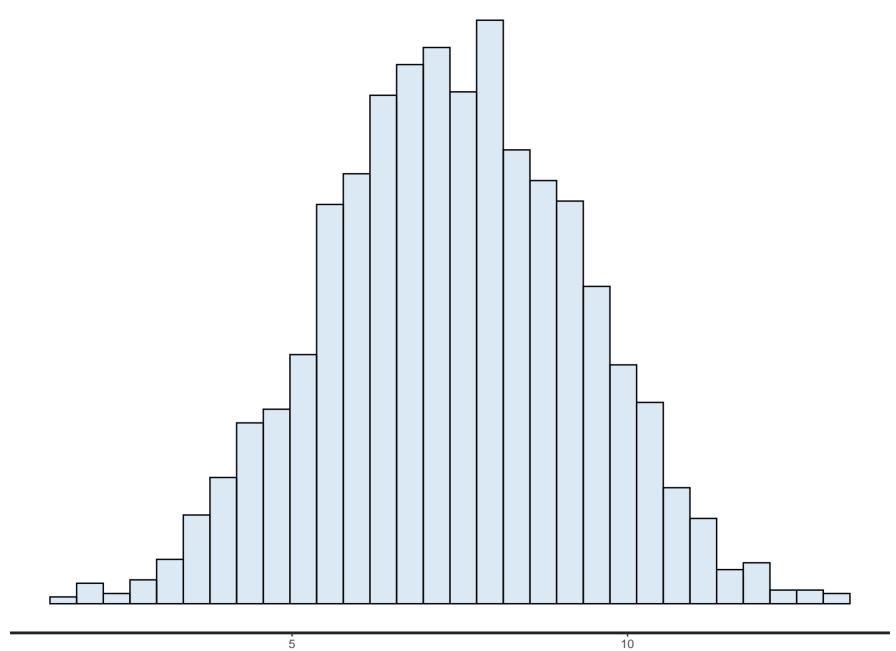
5% 10% 25% 50% 75% 90% 95% 1.07 1.09 1.12 1.16 1.20 1.23 1.25

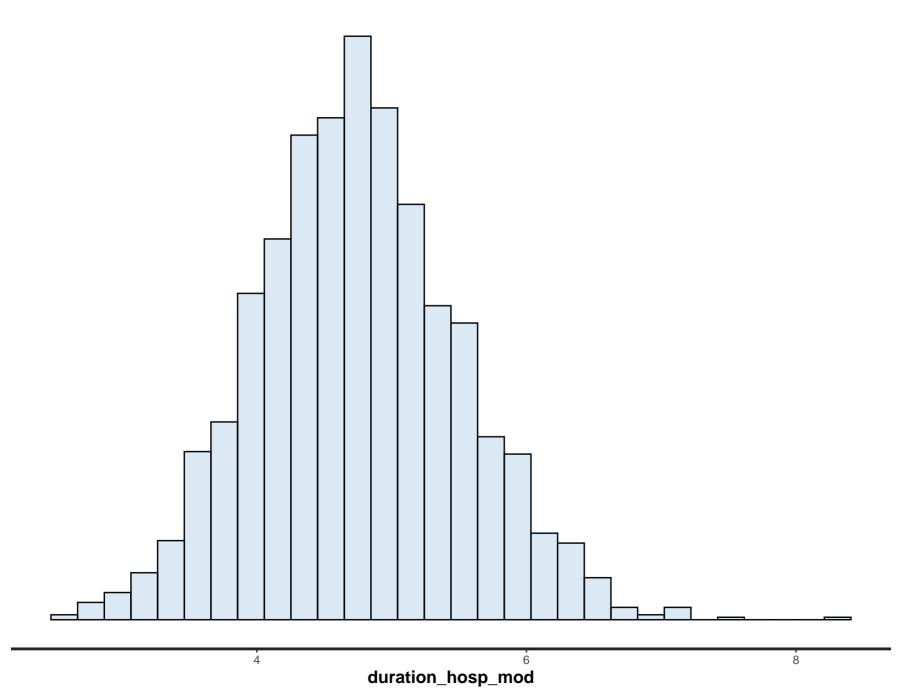


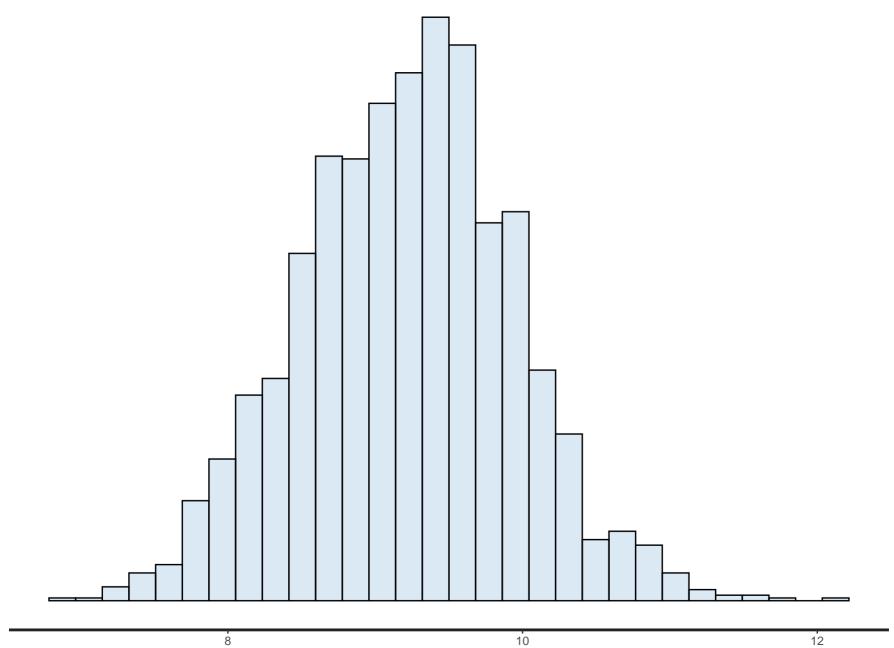


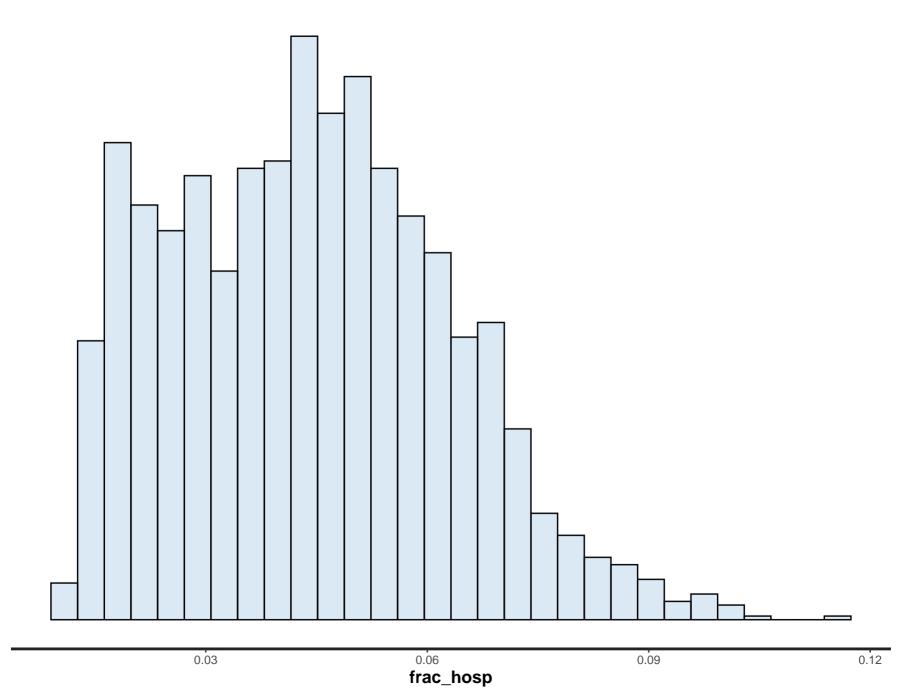


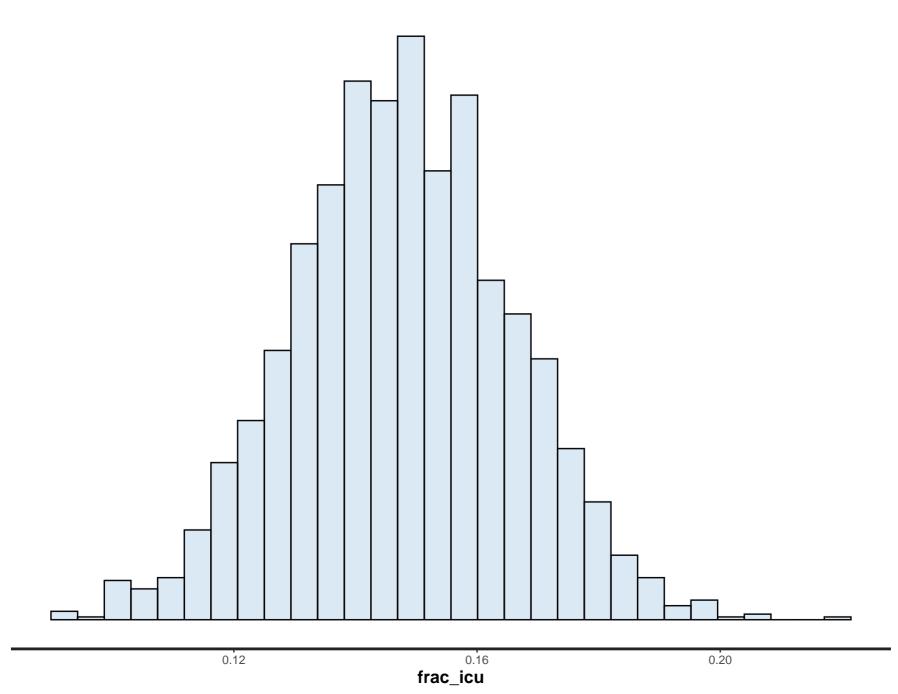


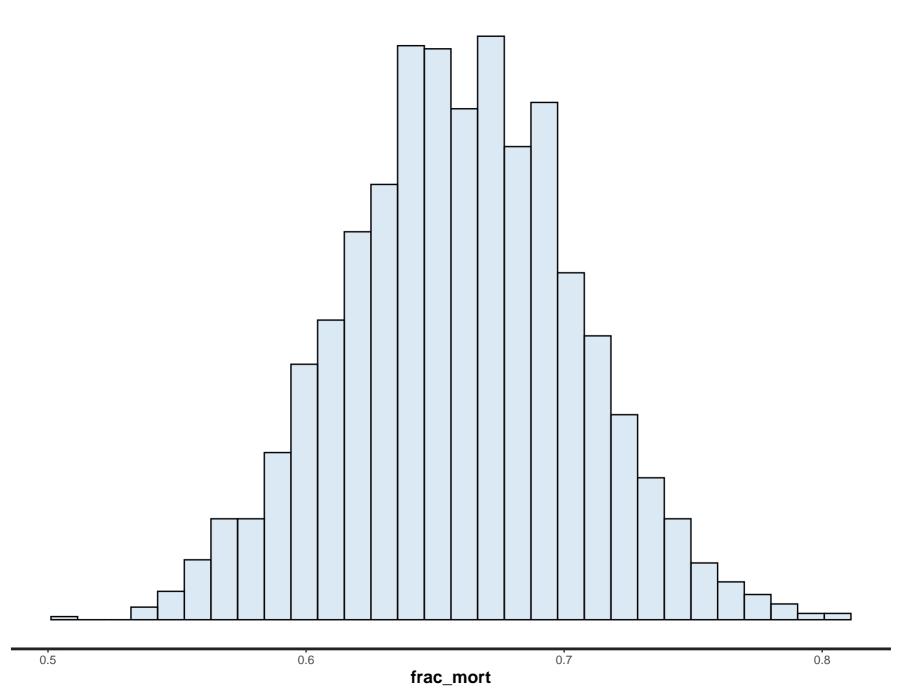


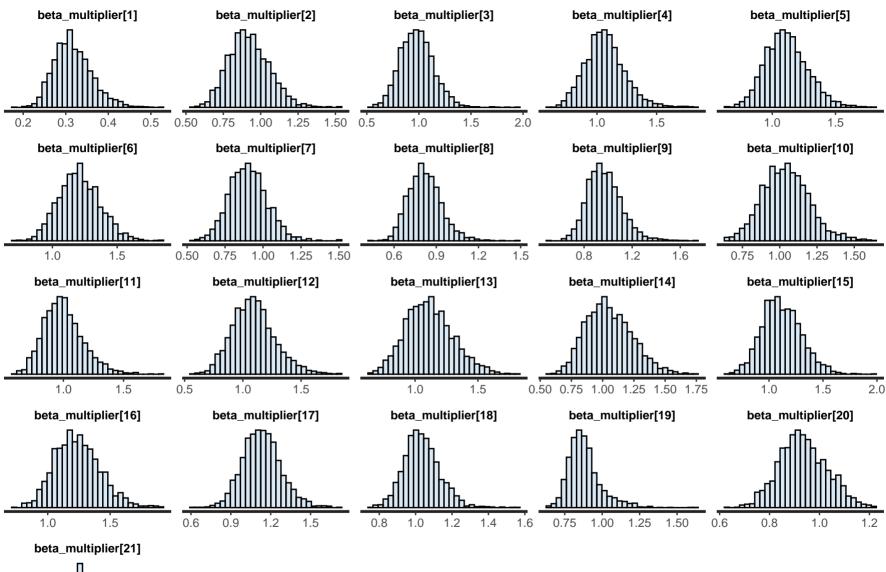












1.0

8.0

