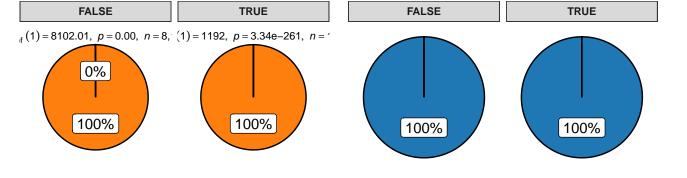


E11



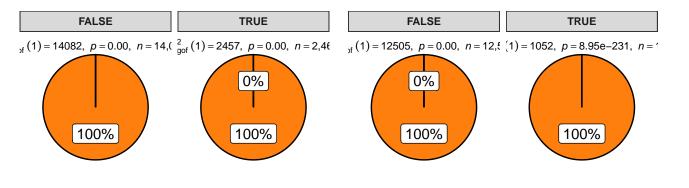
 $\chi^2_{\rm Pearson}(1) = 0.59, \, p = 0.44, \, \widehat{V}_{\rm Cramer} = 0.00, \, {\rm Cl}_{95\%} \, [0.00, \, 0.03], \, n_{\rm obs} = 9{,}310$ 



E14 E15

 $g_e(BF_{01}) = 1.06$ ,  $\widehat{V}_{Cramer}^{posterior} = 0.00$ ,  $CI_{95\%}^{ETI}$  [0.00, 0.03],  $a_{Gunel-Dickey} = 1.00$ 

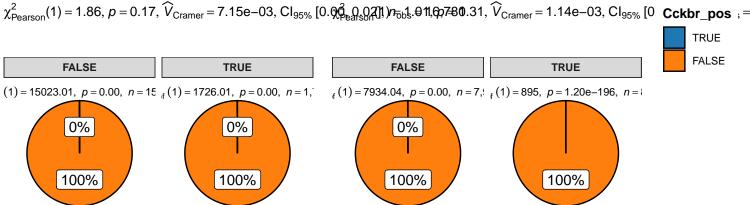
 $\chi^{2}_{\text{Pearson}}(1) = 5.72, \ p = 0.02, \ \widehat{V}_{\text{Cramer}} = 0.02, \ \text{Cl}_{95\%} \ [0.00, \ 0.0] \\ [0.00,$ 



 $s_{0}(\mathsf{BF}_{01}) = -1.21, \ \widehat{\mathcal{V}}_{\mathsf{Cramer}}^{\mathsf{posterior}} = 0.02, \ \mathsf{Cl}_{95\%}^{\mathsf{ETI}} \ [0.00, \, 0.04], \ a_{\mathsf{Gunel-Dickey}} = 1.000, \ \mathsf{GBF}_{01}) = 0.94, \ \widehat{\mathcal{V}}_{\mathsf{Cramer}}^{\mathsf{posterior}} = 0.00, \ \mathsf{Cl}_{95\%}^{\mathsf{ETI}} \ [0.00, \, 0.04], \ a_{\mathsf{Gunel-Dickey}} = 1.000, \ \mathsf{Cl}_{95\%}^{\mathsf{ETI}} \ [0.00, \, 0.04], \ \mathsf{Cramer}^{\mathsf{ETI}} = 0.00, \ \mathsf{Cl}_{95\%}^{\mathsf{ETI}} \ [0.00, \, 0.04], \ \mathsf{Cramer}^{\mathsf{ETI}} = 0.00, \ \mathsf{Cl}_{95\%}^{\mathsf{ETI}} \ [0.00, \, 0.04], \ \mathsf{Cramer}^{\mathsf{ETI}} = 0.00, \ \mathsf{Cl}_{95\%}^{\mathsf{ETI}} \ [0.00, \, 0.04], \ \mathsf{Cramer}^{\mathsf{ETI}} = 0.00, \ \mathsf{Cl}_{95\%}^{\mathsf{ETI}} \ [0.00, \, 0.04], \ \mathsf{Cramer}^{\mathsf{ETI}} = 0.00, \ \mathsf{Cl}_{95\%}^{\mathsf{ETI}} \ [0.00, \, 0.04], \ \mathsf{Cramer}^{\mathsf{ETI}} = 0.00, \ \mathsf{Cl}_{95\%}^{\mathsf{ETI}} \ [0.00, \, 0.04], \ \mathsf{Cramer}^{\mathsf{ETI}} = 0.00, \ \mathsf{Cl}_{95\%}^{\mathsf{ETI}} \ [0.00, \, 0.04], \ \mathsf{Cramer}^{\mathsf{ETI}} = 0.00, \ \mathsf{Cl}_{95\%}^{\mathsf{ETI}} \ [0.00, \, 0.04], \ \mathsf{Cl}_{95\%}^{\mathsf{ETI}} = 0.00, \ \mathsf{Cl}_{95\%}^{\mathsf{ETI}} \ [0.00, \, 0.04], \ \mathsf{Cl}_{95\%}^{\mathsf{ETI}} = 0.00, \ \mathsf{Cl}_{95\%}^{\mathsf{ETI}} \ [0.00, \, 0.04], \ \mathsf{Cl}_{95\%}^{\mathsf{ETI}} = 0.00, \ \mathsf{Cl}_{95\%}^{\mathsf{ETI}} \ [0.00, \, 0.04], \ \mathsf{Cl}_{95\%}^{\mathsf{ETI}} = 0.00, \ \mathsf{Cl}_{95\%}^{\mathsf{ETI}} = 0.00, \ \mathsf{Cl}_{95\%}^{\mathsf{ETI}} \ [0.00, \, 0.04], \ \mathsf{Cl}_{95\%}^{\mathsf{ETI}} = 0.00, \ \mathsf$ **FALSE** E16 E18

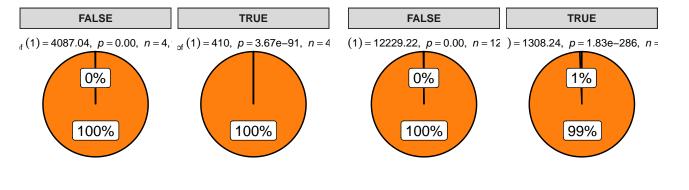
Cckbr\_pos

TRUE **FALSE** 



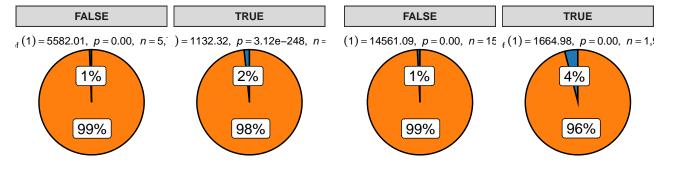
 $g_{e}(BF_{01}) = 0.34, \ \widehat{V}_{Cramer}^{posterior} = 0.01, \ CI_{95\%}^{ETI} \ [0.00, \ 0.04], \ a_{Gunel-Dickey} = 1.000 \\ g_{e}(BF_{01}) = 1.34, \ \widehat{V}_{Cramer}^{posterior} = 0.00, \ CI_{95\%}^{ETI} \ [0.00, \ 0.02], \ a_{Gunel-Dickey} = 1.000 \\ g_{e}(BF_{01}) = 1.34, \ \widehat{V}_{Cramer}^{posterior} = 0.00, \ CI_{95\%}^{ETI} \ [0.00, \ 0.02], \ a_{Gunel-Dickey} = 1.000 \\ g_{e}(BF_{01}) = 0.00, \ CI_{95\%}^{ETI} \ [0.00, \ 0.02], \ a_{Gunel-Dickey} = 1.000 \\ g_{e}(BF_{01}) = 0.00, \ CI_{95\%}^{ETI} \ [0.00, \ 0.02], \ a_{Gunel-Dickey} = 1.000 \\ g_{e}(BF_{01}) = 0.00, \ CI_{95\%}^{ETI} \ [0.00, \ 0.02], \ a_{Gunel-Dickey} = 1.000 \\ g_{e}(BF_{01}) = 0.00, \ CI_{95\%}^{ETI} \ [0.00, \ 0.02], \ a_{Gunel-Dickey} = 1.000 \\ g_{e}(BF_{01}) = 0.00, \ CI_{95\%}^{ETI} \ [0.00, \ 0.02], \ a_{Gunel-Dickey} = 1.000 \\ g_{e}(BF_{01}) = 0.00, \ CI_{95\%}^{ETI} \ [0.00, \ 0.02], \ a_{Gunel-Dickey} = 1.000 \\ g_{e}(BF_{01}) = 0.00, \ CI_{95\%}^{ETI} \ [0.00, \ 0.00], \ a_{Gunel-Dickey} = 0.000 \\ g_{e}(BF_{01}) = 0.000, \ CI_{95\%}^{ETI} \ [0.00, \ 0.00], \ a_{Gunel-Dickey} = 0.000, \ CI_{95\%}^{ETI} \ [0.00, \ 0.00], \ a_{Gunel-Dickey} = 0.000, \ CI_{95\%}^{ETI} \ [0.00, \ 0.00], \ a_{Gunel-Dickey} = 0.000, \ CI_{95\%}^{ETI} \ [0.00, \ 0.00], \ a_{Gunel-Dickey} = 0.000, \ CI_{95\%}^{ETI} \ [0.00, \ 0.00], \ a_{Gunel-Dickey} = 0.000, \ CI_{95\%}^{ETI} \ [0.00, \ 0.00], \ a_{Gunel-Dickey} = 0.000, \ CI_{95\%}^{ETI} \ [0.00, \ 0.00], \ a_{Gunel-Dickey} = 0.000, \ CI_{95\%}^{ETI} \ [0.00, \ 0.00], \ a_{Gunel-Dickey} = 0.000, \ a_{G$ 

 $\chi^{2}_{\text{Pearson}}(1) = 0.60, p = 0.44, \ \widehat{V}_{\text{Cramer}} = 0.00, \ \text{Cl}_{95\%}[0.00, 0.0] \\ [0.0$ 



 $g_{e}(BF_{01}) = 1.37, \ \widehat{V}_{Cramer}^{posterior} = 0.00, \ Cl_{95\%}^{ETI} \ [0.00, 0.04], \ a_{Gunel-Dickey} = \textbf{1000} \\ (BF_{01}) = -1.93, \ \widehat{V}_{Cramer}^{posterior} = 0.03, \ Cl_{95\%}^{ETI} \ [0.00, 0.06], \ a_{Gunel-Dickey} = 1.00, \ c_{Gunel-Dickey} = 1.0$ P14 P45

 $\chi^{2}_{\text{Pearson}}(1) = 11.80, \ p = 5.92 \text{e} - 04, \ \widehat{V}_{\text{Cramer}} = 0.04, \ \text{Cl}_{95\%} \ [0\%]_{\text{pearson}}(1), \ \text{and} \ 53-549 \text{pearson}(2), \ \text{Cl}_{25\%}(1) = 2.38 \text{e} - 35, \ \widehat{V}_{\text{Cramer}} = 0.09, \ \text{Cl}_{95\%}(1), \ \text{constant}(1), \ \text{constant}$ 



 $a_{1} = -3.03, \ \widehat{V}_{Cramer}^{posterior} = 0.04, \ Cl_{95\%}^{ETI} \ [8.59e-03, 0.07], \ a_{Gunel-Dickey} = 0.09, \ a_{Gunel-Dickey} = 0.00, \ \widehat{V}_{Cramer}^{posterior} = 0.10, \ Cl_{95\%}^{ETI} \ [0.07, 0.12], \ a_{Gunel-Dickey} = 1.00, \ a_{Gunel-Dickey} = 0.00, \ a_{Gunel-Dickey} = 0.0$