(A) Bayes factor in favour of alternative from moderate evidence against the null to very strong evidence for the null [6, -6]2.74 3.06 3.15 2.29 2.08 [8, -8]2.86 2.67 2.36 1.94 1.67 [10, -10]2.35 1.9 1.52 1.31 2.63 [12, -12]2.28 1.91 1.53 1.22 1.04 [14, -14]2.26 1.57 1.23 0.93 0.78 [16, -16]1.88 1.32 1.01 0.76 0.63 1.07 [18, -18]1.59 0.79 0.61 0.47 0.36 [20, -20]1.39 0.81 0.59 0.45 [22, -22]0.98 0.66 0.44 0.33 0.27 [24, -24]0.74 0.44 0.31 0.24 0.2 [26, -26]0.52 0.33 0.22 0.15 0.13

0.02

0.01

0.01

0

30

Bayes Factor 10 < strong for H1 3 < moderate for H1 1 = inconclusive 0.33 > moderate for H0 0.1 > strong for H0 0.03 > very strong for H0

[28, -28]0.39 0.23 0.14 0.11 0.09 [30, -30]0.21 0.14 0.09 0.07 0.05 [32, -32]0.06 0.18 0.1 0.04 0.03

0.04

0.02

0.01

0.01

20

prior standard deviation in Hz

0.01

0.01

0.01

25

0.08

0.14

0.09

0.02

10

[34, -34]

[36, -36]

[38, -38]

[40, -40]

0.06

0.04

0.03

0.02

15