List of Tables

3.1 Distances of two model-based power spectra from our nonparametric fits .......................................................... 51
3.2 95% confidence intervals on several features of the angular power spectrum ......................................................... 59

4.1 Extreme parameter values in the parametric scatter (red) in Fig. 4.3. This parametric scatter assumes a flat universe ($\Omega_k = 0$). For comparison, we have also included our nonparametric 95% confidence intervals subject to $-0.005 \leq \Omega_k \leq 0.005$. .................................................. 68
4.2 Nonparametric confidence intervals on cosmological parameters at 95% (2$\sigma$), 68% (1$\sigma$), 38% (0.5$\sigma$), 20% (0.25$\sigma$) confidence levels. Column 1 lists nonparametric confidence intervals without any additional information. Column 2 and 3 list nonparametric confidence intervals after constraining $H_0$ and $\Omega_k$ respectively. ................................. 69

5.1 95% Confidence Interval on Several Features of TT Angular Power Spectrum .......................................................... 99
5.2 95% Confidence Interval on Several Features of EE Angular Power Spectrum .......................................................... 100
5.3 95% Confidence Interval on Several Features of TE Angular Power Spectrum .......................................................... 101
To Homa,
my lovely wife