Math 320 – Computer Methods in the Mathematical Sciences I.

Project Title: Forecasting Birth Rates by Race

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1 Presentation

Comments:

- Good outline! Slideshow is very nicely laid out.
- Nice description of linear regression.
- Nice job rolling with the surprise that a slide was missing, and improvising a correction.
- Would have been nice to see some code executing the ARIMA model.

Grade: 9.5

Great presentation with appropriate depth in describing the mathematical aspects of the models, though a bit short on the computational side.

2 Paper

Comments:

- Where did your data come from? Citation needed.
- What units is "Birth Rate" in? Also some graphs have the axes flipped.
- I would have liked to see the results integrated with the analysis and computations (as I mentioned in my notes on the first draft)
- Conclusion could have gone deeper into the dis/advantages of the various models.
- Nice exposition on linear regression and exponential regression!
- The ARIMA model section is much improved – nicely done!

Grade: 8.5

There is a lot of great content here, but the current structure makes it a bit harder to read.