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CosmoEJS: Interactive Cosmological Data Fitting Simulations JACOB MOLDENHAUER, LARRY ENGELHARDT, KEENAN STONE, EZEKIEL SHULER, Francis Marion University — We present a collection of cosmological modeling programs built with Easy Java Simulations for studying the accelerated expansion of the universe (cosmic acceleration). These interactive programs use real-time plotting and fitting of cosmological models with actual experimental data sets. The user can choose multiple models and data surveys to compare to one another at the same time. These programs can be found at <http://www.compadre.org/osp/items/detail.cfm?ID=12406>.

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