

Release Notes

DCS-AMP Software Package

v0.3

- Non-public, pre-release beta version. Does not contain test scripts or or function files needed to replicate the frequency estimation or audio compressed sensing experiments. Use with caution.

v1.0

- Initial public release. Does not contain test scripts or or function files needed to replicate the frequency estimation or audio compressed sensing experiments.

v1.1

- Updated the interface to the main inference functions, `sp_multi_frame_fxn`, `sp_parallel_frame_fxn`, and `genie_dcs_fxn`. Now, instead of passing structures that contain model parameters and runtime options, one passes objects of the `DCSModelParams` and `Options` classes.
- Removed ' p_{10} ' and ' ρ ' from the list of user-specified signal model parameters, since these parameters are uniquely determined if the sparsity level, and amplitude variance, are in steady-state over time.

v1.2

- Fixed numerous bugs in the `Tests` folder that were introduced by the addition of the `DCSModelParams` and `Options` classes in v1.1.