

## RESULTS

SOURCE SED SHAPES

 $\int_{\Sigma} 3T_{0} = \int_{\Sigma} 5L = \int_{3L_{0}} \int_{\Sigma} \frac{1}{2} \int_{\Sigma}$ 

 $\int_{\Sigma}^{0} || = \int_{\Sigma}^{0} \frac{1}{24} \int_{S}^{0} || = \int_{\Sigma}^{0} \frac{1}{25} \int_{\Sigma}^{0} \frac{1}{24} \int_{\Sigma}^{0} || = \int_{\Sigma}^{0} \frac{1}{45}$ 

 $\int_{\Gamma_{\Sigma}} \int_{\Gamma} \int_{\Gamma} \eta_{1} \int_{\Gamma} \eta_{1} \int_{\Gamma} \int_{\Gamma} \int_{\Gamma} \int_{\Gamma} \eta_{1} \int_{\Gamma} \int_{\Gamma} \eta_{1} \int_{\Gamma} \int_{\Gamma}$ 

 $\int_{\tau_{\pm},\tau_{\pm}} \int_{\tau_{\pm},\tau_{\pm}} \int_{\tau_{\pm},\tau_{\pm}} \int_{\tau_{\pm},\tau_{\pm}} \int_{\tau_{\pm},\tau_{\pm},\tau_{\pm}} \int_{\tau_{\pm},\tau_{\pm},\tau_{\pm}} \int_{\tau_{\pm},\tau_{\pm},\tau_{\pm}} \int_{\tau_{\pm},\tau_{\pm},\tau_{\pm}} \int_{\tau_{\pm},\tau_{\pm},\tau_{\pm}} \int_{\tau_{\pm},\tau_{\pm},\tau_{\pm},\tau_{\pm}} \int_{\tau_{\pm},\tau_{\pm},\tau_{\pm},\tau_{\pm}} \int_{\tau_{\pm},\tau_{\pm}$ 

 $\int_{\mathbb{R}^{n}} N_{0} = \int_{\mathbb{R}^{n}} \gamma_{1}^{2} = \int_{\mathbb{R}^{n}} \gamma_{1}^{2}$ 

 $\int_{43} \int_{7} \frac{1}{3L} \int_{7} \frac{1}{15\pi} \int_{1} \frac{1}{3L} \int_{1} \frac{1}{$ 

source is labeled with its sp unidentified sources are m

d above shows our 54 sources organized by SED shape. Light

- We suspect that all of our 54 sources are likely YSOs, some of which are very embedded; ~40% are likely SED Class I or 0.
- 11 of the 54 sources have not been previously identified at all.
- Adding Herschel data (70, 160, 250, 350, 500 µm) to SEDs has improved our understanding of previously identified sources, giving possible insight into disk and/or envelope structure.

## FUTURE WORK

**Spectral Index Distribution** 

10 Sour

18%

43%

Class III

- Improve photometry by doing PSF fitting for Herschel data.
- Tie what we know about these sources to variability data (YSOVAR).
- Model SED shapes to understand star, disk, and envelope structure.
- Develop methods to further identify and analyze possible Class 0 sources.

