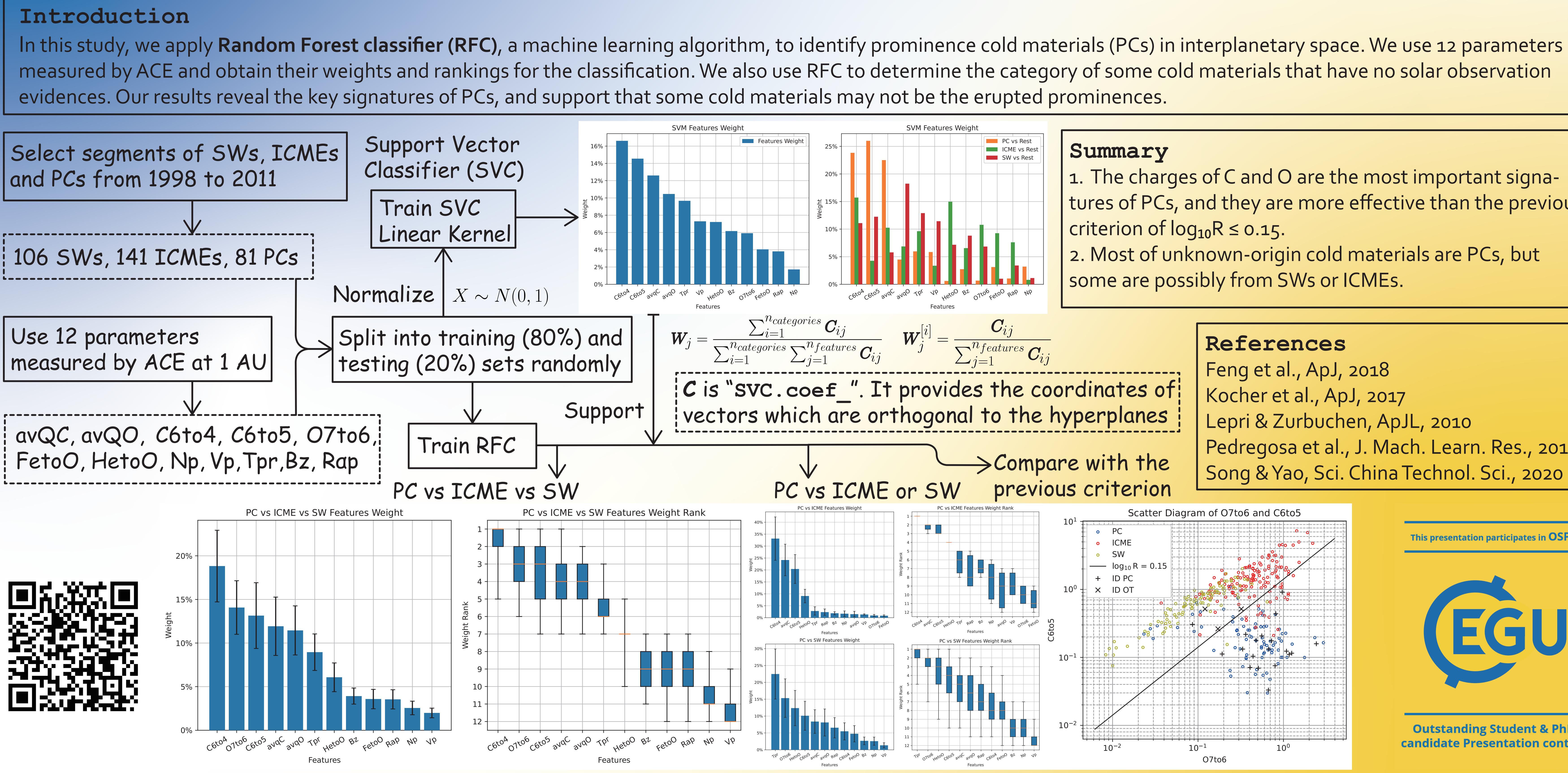


Key Signatures of Prominence Materials and Category of Carbon-Cold Materials identified by Random Forest Classifier



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1. The charges of C and O are the most important signatures of PCs, and they are more effective than the previous 2. Most of unknown-origin cold materials are PCs, but

> Feng et al., ApJ, 2018 Lepri & Zurbuchen, ApJL, 2010 Pedregosa et al., J. Mach. Learn. Res., 2011 Song & Yao, Sci. China Technol. Sci., 2020



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