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Study of tag-side CP violation with a partially reconstructed $B \to D^*l\nu$ decays FRANCESCO RENGA, Universita' Di Perugia, BABAR COLLABORATION — Precise time-dependent CP violation measurements at B-Factories require measuring the CP violation that is expected to be present in the tagging B due to $b \to u$ amplitudes. We measure the CP violation parameters for tagging B mesons decaying to charged kaons by exploiting the conservation of CP in the semileptonic decays, using $B \to D^*l\nu$ events in approximately 88 M BBar pairs collected by the BaBar detector at the PEP-II e^+e^- B-factory.

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