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Leptonic and semileptonic D decays at BESIII

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BESIII has collected 2.9 and 6.3 fb-1 of e+e- collision data samples at 3.773 and 4.178-4.226 GeV, respectively. We report recent measurements of the (semi)leptonic decays $D(s) \rightarrow 1+nu$ (1=mu, tau) and $D(s) \rightarrow X$ 1+nu [X=K(*), rho, eta('), a_0, K_1, and 1=e, mu]. The decay constants f_D(s), the semileptonic form factors f(0) and the CKM matrix elements $|V_cs(d)|$ are determined precisely. These results are important to verify the LQCD calculations of f_D(s) and f(0) and the CKM matrix unitarity. Tests of lepton-flavor universality with (semi)leptonic D decays will also be reported.

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