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Update on the critical endpoint of the finite temperature phase transition for three flavor QCD with clover type fermions

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We present preliminary results on the critical endpoint of
three flavor QCD at zero chemical potential.
We employ the renormalization-group improved Iwasaki gauge action
and $O(a)$-improved Wilson fermion action.
The critical endpoint is determined by using the intersection points
of kurtosis for mixed observable as well as plaquette, gange action density,
Polyakov loop and "chiral condensate" at the temporal size N_t=4, 6 and 8.

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