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## Investigating Columbia plot with clover fermions

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We investigate the critical endpoints of the finite temperature phase transition of QCD at zero chemical potential.

We employ the renormalization-group improved Iwasaki gauge action and non-perturbatively  $O(a)$ -improved Wilson-clover fermion action.

The critical endpoints are determined by using the intersection point of kurtosis, employing the multi-parameter, multi-ensemble reweighting method.

We present results for the critical endpoint at  $N_t = 6$  and the continuum extrapolation for the critical endpoint of the SU(3)-flavor symmetric point.

**Primary author:** NAKAMURA, Yoshifumi (RIKEN)

**Co-authors:** Dr UKAWA, Akira (RIKEN); Dr TAKEDA, Shinji (Kanazawa University); Dr JIN, Xiaoyong (Argonne National Laboratory); Prof. KURAMASHI, Yoshinobu (University of Tsukuba)

**Presenter:** NAKAMURA, Yoshifumi (RIKEN)

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