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Reference of publication: *Ilias Vougioukas, Andreas Sandberg, Stephan Diestelhorst, Bashir M. Al-Hashimi, and Geoff V. Merrett. 2017. Nucleus: Finding the sharing limit of heterogeneous cores. ACM Trans. Embedd. Comput. Syst. (TECS)*

The excel file contains experimental data for the paper. In particular:

Fig. 1. InO core performance degradation from migrations when having no sharing for mibench.

Fig. 2. InO core performance degradation from migrations when sharing caches for mibench.

Fig. 3. InO core performance degradation from migrations when sharing L2 cache and TLB for mibench.

Fig. 4. InO core performance degradation from migrations sharing all caches and the TLB for mibench.

Fig. 5. OoO core performance degradation from migrations when having no sharing for mibench.

Fig. 6. OoO core performance degradation from migrations when sharing caches for mibench.

Fig. 7. OoO core performance degradation from migrations when sharing L2 cache and TLB for mibench.

Fig. 8. OoO core performance degradation from migrations when sharing all caches and the TLB for mibench.

Fig. 9. InO average performance degradation for mibench across all migration periods.

Fig. 10. OoO average performance degradation for mibench across all migration periods.

Fig. 11. InO to OoO core beneficial migrations when considering a no trade-off policy.

Fig. 12. InO to OoO core beneficial migrations when considering a policy for better EDP.

Fig. 13. OoO to InO core beneficial migrations when considering a no trade-off policy.

Fig. 14. OoO to InO core beneficial migrations when considering a policy for better EDP.

Date of data collection: from June 2016 – July 2017

Information about geographic location of data collection: ARM Research, Cambridge, U.K.

Date the file was created: July 2017

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