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Singapore, and **Byungchan Kim**. *The odd moments of ranks and cranks.*

we modify the standard definition of moments of ranks and cranks so that odd moments no longer trivially vanish. We prove inequalities between the rank and crank moments. One consequence is that it gives an extension to F.G. Garvan's result on the ordinary moments of ranks and cranks. We study a new counting function, ospt(n), which is related to the smallest part partition function, spt(n). (Received September 25, 2012)