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Selection of the all-time best World XI Test cricket team using the TOPSIS method Pages 95-108 [Download PDF](#)

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Abstract: The aim of this paper is to apply the technique for order preference by similarity to ideal solution (TOPSIS) as a multi-criteria decision making tool to form the all-time best World XI Test cricket team while taking into consideration over 2600 cricketers participated in Test matches for more than 100 years of cricket history. From the voluminous database containing the performance of numerous Test cricketers, separate lists are first prepared for different positions in the batting and bowling orders consisting of manageable numbers of candidate alternatives while imposing some constraints with respect to the minimum number of innings played (for batsmen), minimum number of tests played (for wicketkeepers and bowlers), and minimum numbers of runs scored and wickets taken (for all-rounders). The TOPSIS method is later adopted to rank those shortlisted cricketers and identify the best performers for inclusion in the proposed World XI Test team. The best World Test cricket team is thus formed as Alastair Cook (ENG) (c), Sunil Gavaskar (IND), Rahul Dravid (IND) (vc), Sachin Tendulkar (IND), Shivnarine Chanderpaul (WI), Jacques Kallis (SA), Adam Gilchrist (AUS) (wk), Glenn McGrath (AUS), Courtney Walsh (WI), Muttiah Muralitharan (SL) and Shane Warne (AUS).

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Images/Getty Images). Cricket has been a gentleman's game for close to 150 years now since the first-ever Test match between Australia and England was played. In this time, we have seen many players who have inscribed their names in history books and in the hearts of millions of people. Generation after generation, the sport has created stalwarts and giant ambassadors from various countries. However, there remains to be a sea of players who have always flown under the radar, with their performances overshadowed by other more talked about Official International Cricket Council rankings for test match cricket teams. Discover latest ICC rankings table, predict upcoming matches, see points and ratings for all teams. The official ICC app provides coverage across all of the current international action including fixtures, results, videos, ICC news, rankings and more. Don't miss a moment and keep up with the latest from around the world of cricket! Find Out More. ICC Travel & Tours. Selection of the all-time best World XI Test cricket team using the TOPSIS method , Pages: 95-108 Shankar Chakraborty, Vidyapati Kumar and K.R. Ramakrishnan PDF (517 K). Abstract: The aim of this paper is to apply the technique for order preference by similarity to ideal solution (TOPSIS) as a multi-criteria decision making tool to form the all-time best World XI Test cricket team while taking into consideration over 2600 cricketers participated in Test matches for more than 100 years of cricket history. The TOPSIS method is later adopted to rank those shortlisted cricketers and identify the best performers for inclusion in the proposed World XI Test team. Selection of the all-time best World XI Test cricket team using the TOPSIS method. Article. Full-text available. The aim of this paper is to apply the technique for order preference by similarity to ideal solution (TOPSIS) as a multi-criteria decision making tool to form the all-time best World XI Test cricket team while taking into consideration over 2600 cricketers participated in Test matches for more than 100 years of cricket history.