The MCAA T\&F League individual award based on World Athletics (WA) scoring tables. A review of the 2022 awards.
Now the 2022 MCAA T\&F League has finished for 2022, we take a look at the individual award based on WA scoring tables. In particular we are trying to see if we have a fair competition across event and gender. The first table below is the top 30 scores across all divisions.

| Name | Club | Gender | Match | Event | Perf | Score | Match | Event | Perf | Score | Match | Event | Perf | Score | Match | Event | Perf | Score | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lucy Jones | Tipton | F | 1 | 200 | 24.1 | 1049 | 2 | 200 | 24.5 | 1016 | 3 | 200 | 25.2 | 960 |  |  |  |  | 3025 |
| Katie Holt | Stoke | F | 1 | 1500 | 4:23.96 | 1021 | 2 | 5k/3k | 9:04.82 | 1090 | 3 | 1500 | 4:41.30 | 896 |  |  |  |  | 3007 |
| Samantha Griffiths | Bir | F | 1 | 100 | 12.09 | 997 | 2 | 100 | 12.22 | 974 | 3 | 100 | 12.37 | 948 |  |  |  |  | 2919 |
| Elliott Powell | Leic | M | 1 | 100 | 10.3 | 1104 | 2 | 400 | 48.6 | 954 | 4 | 100 | 11.1 | 856 |  |  |  |  | 2914 |
| Jessica Waters | SinA | F | 1 | 100 | 12.3 | 960 | 2 | 100 | 12.4 | 943 | 3 | 100 | 12.42 | 940 |  |  |  |  | 2843 |
| Nicholas Pryce | RSC | M | 1 | 100 | 10.9 | 915 | 3 | 200 | 21.7 | 969 | 4 | 100 | 10.8 | 945 |  |  |  |  | 2829 |
| Cleo Martin-Evans Y | Dav | F | 1 | L | 5.91 | 968 | 2 | L | 5.61 | 905 | 3 | L | 5.67 | 917 | 4 | U | 5.77 | 939 | 2824 |
| Marvric Ne-Sean Pamphile | R\&N | M | 1 | 200 | 21.91 | 940 | 2 | 200 | 22.03 | 923 | 3 | 400 | 48.53 | 958 |  |  |  |  | 2821 |
| Jake Minshull Y | Cov G | M | 1 | 400 | 48.82 | 941 | 2 | 400 H | 52.69 | 999 | 4 | L | 6.79 | 873 |  |  |  |  | 2813 |
| Katie Robbins | Yate | F | 1 | 400 | 57.8 | 939 | 2 | 400 | 58.3 | 923 | 4 | 400 | 57.6 | 945 |  |  |  |  | 2807 |
| Natalie Griffiths | C\&S | F | 1 | 400 H | 62.22 | 957 | 2 | 400 | 58 | 932 | 3 | 400 H | 63.7 | 916 | 4 | 400 H | 64.8 | 886 | 2805 |
| Princess Atanda y | Leic | F | 1 | 100 | 12.3 | 960 | 3 | 100 | 12.6 | 910 | 4 | 100 | 12.5 | 926 |  |  |  |  | 2796 |
| David Seidu y | Charn | M | 1 | 100 | 10.8 | 945 | 3 | 200 | 22 | 927 | 4 | 100 | 10.9 | 915 |  |  |  |  | 2787 |
| Joseph Gilkes | Cov G | M | 1 | TJ | 15.08 | 950 | 2 | U | 6.79 | 873 | 3 | U | 6.86 | 887 | 4 | TJ | 14.9 | 930 | 2767 |
| Caleb Downes | R\&N | M | 1 | 100 | 10.81 | 942 | 2 | 100 | 10.87 | 924 | 3 | 100 | 11.05 | 870 |  |  |  |  | 2736 |
| Tiffany Cox | Abing | F | 1 | 100 | 12.47 | 931 | 2 | 200 | 26.2 | 882 | 3 | 100 | 12.6 | 910 |  |  |  |  | 2723 |
| Rebecca Hoadley | Chelt | F | 1 | 400 | 59.3 | 892 | 2 | 400 | 59 | 901 | 3 | 400 | 58.21 | 926 | 4 | 200 | 26.7 | 845 | 2719 |
| Isabelle Neville | Tamw | F | 1 | 400 | 58.57 | 914 | 2 | 400 | 59.34 | 891 | 3 | 400 | 58.88 | 905 | 4 | 200 | 26.59 | 853 | 2710 |
| Eva Tyler x | Here | F | 1 | 200 | 25.2 | 960 | 2 | 200 | 25.9 | 905 | 3 | 200 | 26.7 | 845 |  |  |  |  | 2710 |
| Ella Burrows X | B\&R | F | 1 | 200 | 25.6 | 928 | 2 | 200 | 26 | 897 | 3 | 200 | 26.48 | 861 |  |  |  |  | 2686 |
| Mohammed Aminu | Telf | M | 1 | 100 | 10.86 | 927 | 3 | 100 | 11.1 | 856 | 4 | 100 | 11 | 885 |  |  |  |  | 2668 |
| Leah Butterfill y | W\&SV | F | 1 | 100 | 12.6 | 910 | 2 | 100 | 12.9 | 860 | 3 | 100 | 12.7 | 893 |  |  |  |  | 2663 |
| Jack Forrest Y | Bir | M | 1 | 200 | 22.12 | 911 | 2 | 100 | 10.99 | 888 | 4 | 200 | 22.58 | 849 |  |  |  |  | 2648 |
| Millie Clemson Y | Worc | F | 1 | 100 | 12.7 | 893 | 2 | 100 | 12.9 | 860 | 3 | 100 | 12.72 | 890 |  |  |  |  | 2643 |
| Christina Griffith Y | Newp | F | 1 | 100 H | 15.3 | 882 | 2 | 100 H | 15.3 | 882 | 3 | 100H | 15.4 | 871 |  |  |  |  | 2635 |
| Efua Boateng | R\&N | F | 2 | 100 | 12.78 | 880 | 3 | 100 | 12.93 | 855 | 4 | 100 | 12.69 | 895 |  |  |  |  | 2630 |
| Joel Townley | Glouc | M | 1 | TJ | 13.91 | 826 | 2 | TJ | 14.46 | 884 | 3 | TJ | 14.37 | 874 | 4 | TJ | 14.34 | 871 | 2629 |
| Olivia Harwood y | Here | F | 1 | 200 | 26.2 | 882 | 2 | 400 | 60.8 | 846 | 3 | 400 | 59.5 | 886 |  |  |  |  | 2614 |
| Sydney Davies | C\&S | F | 1 | 100 | 12.81 | 875 | 3 | 100 | 12.9 | 860 | 4 | 100 | 12.8 | 876 |  |  |  |  | 2611 |
| Nicholas Kanonik | Yate | M | 1 | 200 | 22.3 | 886 | 2 | 200 | 22.3 | 886 | 3 | 400 | 50.65 | 837 |  |  |  |  | 2609 |

The observations from the previous table are that 1 ) it is reasonably balanced across genders; 2 ) there is a bias towards flat track events and sprints in particular. An analysis of the WA scoring tables in the context of UK ranking statistics (detailed discussion below in Appendix 1) indicates this is always going to be the case. It is possible though to modify the WA scoring to remove this bias (again detail in Appendix 1). The two tables below show what effect this would have - using division 1 results as an example case. Would we want to adopt these new scoring tables for 2023 is of course the key question.

| Division 1. Individual Competition. World Athletics scoring - best performance from each match and then highest three of these match scores to count. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Name | Club | Gender | Match | Event | Perf | Score | Match | Event | Perf | Score | Match | Event | Perf | Score | Match | Event | Perf | Score | Total |
| Samantha Griffiths | Bir | F | 1 | 100 | 12.09 | 997 | 2 | 100 | 12.22 | 974 | 3 | 100 | 12.37 | 948 |  |  |  |  | 2919 |
| Marvric Ne-Sean Pamphile | R\&N | M | 1 | 200 | 21.91 | 940 | 2 | 200 | 22.03 | 923 | 3 | 400 | 48.53 | 958 |  |  |  |  | 2821 |
| Caleb Downes | R\&N | M | 1 | 100 | 10.81 | 942 | 2 | 100 | 10.87 | 924 | 3 | 100 | 11.05 | 870 |  |  |  |  | 2736 |
| Isabelle Neville | Tamw | F | 1 | 400 | 58.57 | 914 | 2 | 400 | 59.34 | 891 | 3 | 400 | 58.88 | 905 | 4 | 200 | 26.59 | 853 | 2710 |
| Jack Forrest Y | Bir | M | 1 | 200 | 22.12 | 911 | 2 | 100 | 10.99 | 888 | 4 | 200 | 22.58 | 849 |  |  |  |  | 2648 |
| Efua Boateng | R\&N | F | 2 | 100 | 12.78 | 880 | 3 | 100 | 12.93 | 855 | 4 | 100 | 12.69 | 895 |  |  |  |  | 2630 |
| Joel Townley | Glouc | M | 1 | TJ | 13.91 | 826 | 2 | TJ | 14.46 | 884 | 3 | TJ | 14.37 | 874 | 4 | TJ | 14.34 | 871 | 2629 |
| Annabelle Crossdale | Notts | F | 1 | HT | 55.77 | 864 | 2 | HT | 56.82 | 881 | 3 | HT | 55.35 | 858 | 4 | HT | 50.77 | 784 | 2603 |
| Andrea Jesudason | Briw | F | 1 | U | 5.34 | 848 | 2 | U | 5.26 | 831 | 3 | U | 5.32 | 843 | 4 | U | 5.38 | 856 | 2547 |
| Katherine Snowden | Tamw | F | 1 | 800 | 2:21.95 | 796 | 3 | 800 | 2:19.02 | 840 | 4 | 800 | 2:17.39 | 865 |  |  |  |  | 2501 |
| Sarah Long | Briw | F | 1 | 100 | 13.3 | 796 | 2 | SP | 6.2 | 342 | 3 | 100 | 13.1 | 828 | 4 | 200 | 26.36 | 870 | 2494 |
| Leshawn Clifford X | Bir | F | 2 | L | 5.02 | 780 | 3 | L | 5.42 | 865 | 4 | U | 5.28 | 835 |  |  |  |  | 2480 |
| Tim Williams | Glouc | M | 1 | HT | 56.01 | 819 | 2 | HT | 56.85 | 831 | 3 | HT | 56.41 | 825 | 4 | HT | 55.49 | 811 | 2475 |
| Psalm Roberts-Nash | Bir | M | 2 | 400 | 50.42 | 850 | 3 | 800 | 1:59.87 | 772 | 4 | 400 | 50.45 | 848 |  |  |  |  | 2470 |
| A'Janai Bowen Y | Notts | F | 2 | 200 | 27.77 | 767 | 3 | 200 | 26.61 | 851 | 4 | 200 | 26.61 | 851 |  |  |  |  | 2469 |
| Lamin Dampha | Bir | M | 1 | 400 | 50.97 | 819 | 2 | 400 | 50.64 | 837 | 3 | 400 | 51.76 | 777 | 4 | 400 | 51.13 | 811 | 2467 |
| Abby Halcarz | Tamw | F | 2 | 3000 | 10:22.73 | 846 | 3 | 3000 | 10:37.77 | 802 | 4 | 5000 | 18:17.10 | 812 |  |  |  |  | 2460 |
| Lottie Mclaren X | Tamw | F | 1 | 800 | 2:20.13 | 823 | 2 | 800 | 2:19.52 | 833 | 3 | 800 | 2:21.40 | 804 |  |  |  |  | 2460 |
| Ella Julin Y | Glouc | F | 1 | 100 | 13.12 | 825 | 2 | 100 | 13 | 844 | 3 | 100 | 13.39 | 782 |  |  |  |  | 2451 |
| Maria Jones | Briw | F | 1 | 400 | 61.13 | 836 | 2 | 400 | 63.08 | 779 | 4 | 400 | 61.78 | 817 |  |  |  |  | 2432 |
| Merhawi Tkue | Notts | M | 1 | 2kSC | 6:22.22 | 789 | 2 | 3kSC | 9:58.81 | 765 | 3 | 800 | 2:04.50 | 664 | 4 | 3kSC | 9:28.70 | 878 | 2432 |
| Milan Campion | Notts | M | 2 | 3000 | 8:39.65 | 836 | 3 | 2kSC | 6:16.76 | 820 | 4 | 5000 | 15:13.96 | 768 |  |  |  |  | 2424 |
| Megan Stenhouse Y | R\&N | F | 1 | 5000 | 18:10.96 | 822 | 2 | 3000 | 10:22.73 | 846 | 3 | 3000 | 10:59.31 | 742 |  |  |  |  | 2410 |
| Matthew Madden | Notts | M | 2 | L | 6.32 | 777 | 3 | L | 6.47 | 807 | 4 | U | 6.46 | 805 |  |  |  |  | 2389 |
| Richard De-Camps | Glouc | M | 1 | 1500 | 4:07.90 | 764 | 2 | 1500 | 4:06.19 | 783 | 3 | 1500 | 4:02.55 | 825 | 4 | 1500 | 4:15.97 | 677 | 2372 |
| Ethan Hood Y | Glouc | M | 1 | 400 | 51.34 | 799 | 3 | 400 | 51.98 | 765 | 4 | 400 | 51.44 | 794 |  |  |  |  | 2358 |
| Kate Davies | Glouc | F | 1 | HJ | 1.6 | 804 | 2 | HJ | 1.55 | 755 | 3 | HJ | 1.55 | 755 | 4 | L | 5 | 776 | 2335 |
| Robert Palmer | Notts | M | 1 | JT | 58.05 | 781 | 2 | JT | 56.25 | 756 | 3 | JT | 58.7 | 790 |  |  |  |  | 2327 |
| Ellen Thrall | Glouc | F | 1 | HT | 49.88 | 770 | 2 | HT | 49.62 | 766 | 3 | HT | 49.18 | 759 | 4 | HT | 50.33 | 777 | 2313 |
| Samantha Barrett | BriW | F | 1 | TJ | 10.53 | 739 | 3 | TJ | 10.99 | 786 | 4 | TJ | 10.93 | 780 |  |  |  |  | 2305 |


| Division 1. Individual Competition. World Athletics scoring scaled (UK AT100=1100) - best performance from each match and then highest three of these match scores to count. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Name | Club | Gender | Match | Event | Perf | Score | Match | Event | Perf | Score | Match | Event | Perf | Score | Match | Event | Perf | Score | Total |
| Annabelle Crossdale | Notts | F | 1 | HT | 55.77 | 1056 | 2 | HT | 56.82 | 1076 | 3 | HT | 55.35 | 1048 | 4 | HT | 50.77 | 958 | 3181 |
| Samantha Griffiths | Bir | F | 1 | 100 | 12.09 | 1015 | 2 | 100 | 12.22 | 991 | 3 | 100 | 12.37 | 965 |  |  |  | 0 | 2970 |
| Tim Williams | Glouc | M | 1 | HT | 56.01 | 971 | 2 | HT | 56.85 | 986 | 3 | HT | 56.41 | 978 | 4 | HT | 55.49 | 962 | 2935 |
| Marvric Ne-Sean Pamphile | R\&N | M | 1 | 200 | 21.91 | 941 | 2 | 200 | 22.03 | 924 | 3 | 400 | 48.53 | 963 |  |  |  | 0 | 2828 |
| Ellen Thrall | Glouc | F | 1 | HT | 49.88 | 941 | 2 | HT | 49.62 | 936 | 3 | HT | 49.18 | 927 | 4 | HT | 50.33 | 949 | 2826 |
| Joel Townley | Glouc | M | 1 | TJ | 13.91 | 885 | 2 | TJ | 14.46 | 947 | 3 | TJ | 14.37 | 937 | 4 | TJ | 14.34 | 934 | 2818 |
| Robert Palmer | Notts | M | 1 | JT | 58.05 | 927 | 2 | JT | 56.25 | 898 | 3 | JT | 58.7 | 938 |  |  |  | 0 | 2763 |
| Kerry Murch | R\&N | F | 2 | JT | 37.44 | 900 | 3 | JT | 39.76 | 958 | 4 | JT | 36.81 | 884 |  |  |  | 0 | 2742 |
| Caleb Downes | R\&N | M | 1 | 100 | 10.81 | 943 | 2 | 100 | 10.87 | 925 | 3 | 100 | 11.05 | 871 |  |  |  | 0 | 2739 |
| Isabelle Neville | Tamw | F | 1 | 400 | 58.57 | 923 | 2 | 400 | 59.34 | 900 | 3 | 400 | 58.88 | 914 | 4 | 200 | 26.59 | 862 | 2737 |
| Efua Boateng | R\&N | F | 2 | 100 | 12.78 | 895 | 3 | 100 | 12.93 | 870 | 4 | 100 | 12.69 | 911 |  |  |  | 0 | 2676 |
| Andrea Jesudason | Briw | F | 1 | L | 5.34 | 887 | 2 | L | 5.26 | 870 | 3 | U | 5.32 | 882 | 4 | L | 5.38 | 896 | 2665 |
| Jack Forrest Y | Bir | M | 1 | 200 | 22.12 | 912 | 2 | 100 | 10.99 | 889 | 4 | 200 | 22.58 | 850 |  |  |  | 0 | 2651 |
| Samantha Barrett | Briw | F | 1 | TJ | 10.53 | 845 | 3 | TJ | 10.99 | 899 | 4 | TJ | 10.93 | 892 |  |  |  | 0 | 2636 |
| Leshawn Clifford X | Bir | F | 2 | U | 5.02 | 816 | 3 | LJ | 5.42 | 905 | 4 | L | 5.28 | 874 |  |  |  | 0 | 2595 |
| Sarah Long | Briw | F | 1 | 100 | 13.3 | 810 | 2 | SP | 6.2 | 446 | 3 | 100 | 13.1 | 843 | 4 | 200 | 26.36 | 879 | 2531 |
| Kofi Afirifah-Mensah Y | Notts | M | 1 | PV | 4.25 | 851 | 2 | PV | 4 | 776 | 3 | PV | 4.1 | 806 | 4 | PV | 4.28 | 860 | 2516 |
| Abby Halcarz | Tamw | F | 2 | 3000 | 10:22.73 | 854 | 3 | 3000 | 10:37.77 | 810 | 4 | 5000 | 18:17.10 | 835 |  |  |  | 0 | 2499 |
| Ella Julin Y | Glouc | F | 1 | 100 | 13.12 | 840 | 2 | 100 | 13 | 859 | 3 | 100 | 13.39 | 796 |  |  |  | 0 | 2494 |
| A'Janai Bowen Y | Notts | F | 2 | 200 | 27.77 | 775 | 3 | 200 | 26.61 | 860 | 4 | 200 | 26.61 | 860 |  |  |  | 0 | 2494 |
| Matthew Madden | Notts | M | 2 | L | 6.32 | 810 | 3 | L | 6.47 | 841 | 4 | L | 6.46 | 839 |  |  |  | 0 | 2490 |
| Merhawi Tkue | Notts | M | 1 | 2kSC | 6:22.22 | 807 | 2 | 3kSC | 9:58.81 | 782 | 3 | 800 | 2:04.50 | 653 | 4 | 3kSC | 9:28.70 | 898 | 2487 |
| Kate Davies | Glouc | F | 1 | HJ | 1.6 | 862 | 2 | HJ | 1.55 | 809 | 3 | HJ | 1.55 | 809 | 4 | L | 5 | 812 | 2483 |
| Lamin Dampha | Bir | M | 1 | 400 | 50.97 | 823 | 2 | 400 | 50.64 | 841 | 3 | 400 | 51.76 | 781 | 4 | 400 | 51.13 | 815 | 2480 |
| Katherine Snowden | Tamw | F | 1 | 800 | 2:21.95 | 786 | 3 | 800 | 2:19.02 | 830 | 4 | 800 | 2:17.39 | 855 |  |  |  | 0 | 2471 |
| Gareth Winter | Glouc | M | 1 | SP | 14.58 | 948 | 3 | SP | 15.07 | 982 | 4 | DT | 27.01 | 541 |  |  |  | 0 | 2470 |
| Psalm Roberts-Nash | Bir | M | 2 | 400 | 50.42 | 854 | 3 | 800 | 1:59.87 | 760 | 4 | 400 | 50.45 | 852 |  |  |  | 0 | 2467 |
| Maria Jones | Briw | F | 1 | 400 | 61.13 | 844 | 2 | 400 | 63.08 | 787 | 4 | 400 | 61.78 | 825 |  |  |  | 0 | 2457 |
| Megan Stenhouse Y | R\&N | F | 1 | 5000 | 18:10.96 | 845 | 2 | 3000 | 10:22.73 | 854 | 3 | 3000 | 10:59.31 | 749 |  |  |  | 0 | 2449 |
| Milan Campion | Notts | M | 2 | 3000 | 8:39.65 | 831 | 3 | 2kSC | 6:16.76 | 839 | 4 | 5000 | 15:13.96 | 775 |  |  |  | 0 | 2445 |

These notes have been written just in case the MCAA T\&F League AGM (4 December 2022) wishes to consider different scoring options for the league's best individual performance (as set by the best performance of an athlete in each of three different matches over the season).
The league started this individual award in 2022 and based the scoring directly on the World Athletic (WA) scoring tables.
In order to define a set of scoring tables that provides a comparison across different events there are two basic solutions. Either you can just align scoring directly to (world) ranking (i.e. $1000^{\text {th }}$ annual rank in any event gets the same score type thing) or you can try and award points based on some form of definition of athletic prowess. The issue with simple ranking alignment is that we know some events have higher participation levels than others - true in both the UK and at world level. To build tables that attempt to align to athletic prowess you need to look at the physics (and physiology) of each event. When you look at the physics the forms of the WA tables (that is their equations) look reasonable. The WA tables then appear to make reasonable decisions about how to align one event to another -the world record comes out at around 1300 points ${ }^{1}$ and zero points aligns to what looks like minimal athletic input ${ }^{2}$ for that event.

You can look at WA point scores for the world record, the UK's top 100 all-time lists performance (more on this later), the $100^{\text {th }}$ ranked performance in 2022 and an AAA standard (we pick grade 2). These can be shown as charts - see the first chart in Annex A (men) and the first chart in Annex B (women). It is useful to consider the scores against the UK all-time top 100 performance across events. Throws, for example, score lower at the All-Time 100 rank than flat track events - essentially reflecting the fact that throws have relatively fewer athletes competing than the flat track events. The same trend is seen at World level at this level of performance, where the in-year World top500 rank follows the UK All-time 100 line reasonably well and shows the same drop for the throws. Below this performance level however, for example at the UK in-year top 100 level, we see a larger fall-off in the UK system than at world level. The UK in-year top 100 rank aligns reasonably well with World in-year top1500 for flat track events, but the world in-year 1500 level holds up better for other events than the UK in-year 100 line.
What this means is that the use of pure WA tables will generally lead to winners of the individual awards coming from the flat track events - firstly because worldwide there are more competitors in these events and secondly because this trend is greater in the UK. Of course this may well be a reasonable solution and we should simply accept that popular events are more likely to produce the individual award winner. However, it is worth exploring if there are options to even out across events and base this in the UK context.

The question is how to modify the scoring so that we take some account of UK participation statistics yet still retain a strong element of the "equal athletic prowess" concept. We need some measure from the UK system that we believe identifies "equal" performance but is not too biased by participation statistics. We could use the UK record in each event - that is certainly a reasonable estimate of "equal" performance. We would also expect the UK record to be mostly immune from participation effects as athletes at this level are likely to be identified within the general population (usually whilst at school) and will also be motivated to continue in the sport. Using single points in statistics does though generally lead to estimation errors. Instead we select the UK all-time $100^{\text {th }}$ rank as the comparison mark. Again at this level the athletes are likely to be identified within the general population and do generally continue in the sport.

[^0]We therefore simply scale the WA scores so that the UK all-time top 100 performance gains 1100 points in all events. These are the second charts in Annex A (men) and Annex B (women). This would mean that the chance of any given event yielding a best performance is more balanced across events - yet it retains an "athletic prowess" element as we have used the top end of the all-time lists.

The UK's actual (annual now) 100 ${ }^{\text {th }}$ rank performance across the events in 2022 still shows that more athletes on average will gain the higher scores in the flat track events. However, the differences across the events are less marked ${ }^{3}$. We can get a feel for how this might affect the individual best performance awards by re-calculating this year's results. We have done this above for division 1 - the tables on page 2 and 3 . There is indeed a better balance across event types.

The question that might arise at the AGM is whether we wish to adopt this scaling so that we have a more even chance of the best performance winner deriving from any given event.

[^1]Annex A: Points across events for the world record (WR), UK all-time top 100 performance (UK AT 100), UK $100^{\text {th }}$ rank in UK in 2022 and AAA grade 2 standard. MENS EVENTS.

FIRST CHART: directly from World Athletic scoring tables
SECOND CHART: World Athletic scoring tables scaled so that UK Top 100 All Time gains 1100 points


MEN: WA scoring scaled so that UK AT100=1100 points:
WR, UK AT100, UK 2022 100th ranked, AAA grade 2



Annex B: Points across events for the world record (WR), UK all-time top 100 performance (UK AT 100), UK $100^{\text {th }}$ rank in UK in 2022 and AAA grade 2 standard. WOMENS EVENTS.

FIRST CHART: directly from World Athletic scoring tables
SECOND CHART: World Athletic scoring tables scaled so that UK Top 100 All Time gains 1100 points

WOMEN: WA scoring: WR, UK AT100, UK 2022 100th ranked, AAA grade 2


Note: 3kSC 2022 rank used is 42 (not 100) as rank=42 is as far as women's 3kSC goes in 2022.


Note: 3kSC 2022 rank used is 42 (not 100) as rank=42 is as far as women's 3kSC goes in 2022.


[^0]:    ${ }^{1}$ The tables are not exactly set so $1300=$ world record. Rather they are such that the top of the rankings looks even across events - exceptional world records (e.g. men's 400 mH ) can then score differently.
    ${ }^{2}$ For example, if we think about a middle distance (running) race then we'd say that the aim of the event is for an athlete to train to be able to run that distance. A time that any individual from the general public could achieve by walking round (but not race walking) looks like a good candidate for no points. Similarly just stepping into the long jump pit, or dropping the shot out the front of the circle look like no points from an athletic prowess viewpoint.

[^1]:    ${ }^{3}$ The fact that there are still differences across events at the in-year top 100 rank almost certainly indicates that within the UK much larger numbers of athletes are attracted to, and remain in, the flat track events than the technical events.

