TABLE III.

Class.	Distance in yards.	Values of a as deduced from the numbers of hits falling within the circles externally limiting the					Mean value of a.
		Gold.	Red.	Blue.	Black.	White.	
Ladies	60	5·704	5·715	5·777	5·867	6·003	5·813
Do.....	50	4·518	4·530	4·631	4·751	4·882	4·662
Gentlemen	100	8·048	8·125	8·232	8·311	8·476	8·238
Do.....	80	5·654	5·693	5·823	5·925	6·086	5·836
Do.....	60	3·943	4·027	4·170	4·275	4·425	4·168
		in.	in.	in.	in.	in.	in.
Ladies	60	27·380	27·432	27·730	28·163	28·812	27·903
Do	50	21·685	21·743	22·231	22·804	23·432	22·379
Gentlemen	100	38·631	38·998	39·512	39·893	40·686	39·544
Do.....	80	27·141	27·388	27·950	28·438	29,210	28·025
Do.....	60	18·928	19·324	20·012	20·519	21·239	20·004

(9.) Although the general agreement of the results in each horizontal line of this table is quite sufficient to afford a highly satisfactory verification of the theory, it is impossible not to be struck with the uniform and steady increase (though small) in the value of a in proceeding from the gold outwards. There occurs not throughout the whole table a single instance in which this progressive dilatation is not maintained. For this there must be a reason; and the only rational account of it, so far as I can perceive, is this: Were the number of shooters infinite, including (indifferently) every gradation of skill, from absolute random shooting up to absolute certainty of striking the point aimed at: the result of their combination would be one from which individual skill would be entirely eliminated; and the distribution of the hits would be regulated purely and simply by the *intention* of hitting the centre. The *skill* in that case (on which the value of a depends) would be the average skill of the whole human race; and the value