

Aardvark	Armenia	}	things beginning with vowels
Elephant	Ethiopia		
Platypus	Portugal	}	things beginning with consonants
Zebra	Zimbabwe		
text	text	}	things beginning and ending with t
text	text		
text	text		

TABLE V¹

v_2	$(v'_2 - v_2)$
$\frac{.5222}{12.45} = .04196$	}.01806 \div 2 = .00903
$\frac{.5222}{[21.85]} = .02390$	
	}.00885 \div 1 = .00885
$\frac{.5222}{34.7} = .01505$	
	}.00891 \div 1 = .00891
$\frac{.5222}{85.0} = .006144$	
	}.00891 \div 1 = .00891
$\frac{.5222}{34.7} = .01505$	
	}.01759 \div 2 = .00880
$\frac{.5222}{16.0} = .02364$	
	}.01759 \div 2 = .00880
$\frac{.5222}{34.7} = .01505$	
	} [.00885 \div 1 = .00885]
$\frac{.5222}{21.85} = .02390$	

TABLE V²

v_2	$(v'_2 - v_2)$
$\frac{.5222}{12.45} = .04196$	}.01806 \div 2 = .00903
$\frac{.5222}{[21.85]} = .02390$	
	}.00885 \div 1 = .00885
$\frac{.5222}{34.7} = .01505$	
	}.00891 \div 1 = .00891
$\frac{.5222}{85.0} = .006144$	
	}.00891 \div 1 = .00891
$\frac{.5222}{34.7} = .01505$	
	}.01759 \div 2 = .00880
$\frac{.5222}{16.0} = .02364$	
	}.01759 \div 2 = .00880
$\frac{.5222}{34.7} = .01505$	
	} [.00885 \div 1 = .00885]
$\frac{.5222}{21.85} = .02390$	

¹[The bracketed numbers are our corrections of typos in Millikan's original table.]

TABLE IV

t_g	t_F
13.6	12.5
13.8	12.4
13.4	21.8
13.4	34.8
13.6	84.5
13.6	85.5
13.7	34.6
13.5	34.8
13.5	16.0
13.8	34.8
13.7	34.6
13.8	21.9
13.6	
13.5	
13.4	
13.8	
13.4	
Mean	13.595

TABLE VII

n	$4.917 \times n$	Observed Charge	n	$4.917 \times n$	Observed Charge
1	4.917	...	10	49.17	49.41
2	9.834	...	11	54.09	53.91
3	14.75	...	12	59.00	59.12
4	19.66	19.66	13	63.92	63.68
5	24.59	24.60	14	68.84	68.65
6	29.50	29.62	15	73.75	...
7	34.42	34.47	16	78.67	78.34
8	39.34	39.38	17	83.59	83.22
9	44.25	44.42	18	88.51	...

²[The bracketed numbers are our corrections of typos in Millikan's original table.]

	$d = 0.5\text{cm}$		$d = 0.5\text{cm}$	Charge on ion			Frictional charge		
t_g	$v_1(= d/t_g)$ (cm/sec)	t_F	$v_2(= d/t_F)$ (cm/sec)	$(v'_2 - v_2)$	n'	$\frac{v'_2 - v_2}{n'}$	$v_1 + v_2$	n	$\frac{v_1 + v_2}{n}$
18.2	.00286	3.8	0.01316				0.01602	3	.00534
18.6	<i>avr</i>			.00470	1	.00470			
19.2		2.8	.01786						
18.0				.01561	3	.00520			
17.2		22.2	.00225						
15.4				.00544	1	.00544			
16.7		6.5	.00769						
18.0				.00541	1	.00541			
15.4		21.9	.00228						
17.3				.01123	2	.00562			
18.4		3.7	.01351						
17.5						.00527			.00534
<i>avr</i>						<i>avr</i>			

TABLE VI^a

t_g Sec.	t_F Sec.	$\frac{1}{t_F}$	$\frac{1}{t'_F} - \frac{1}{t_F}$	n'	$\frac{1}{n'}(\frac{1}{t'_F} - \frac{1}{t_F})$	$\frac{1}{t_g} + \frac{1}{t_F}$	n	$\frac{1}{n}(\frac{1}{t_g} + \frac{1}{t_F})$
11.848	80.708	.01236				.09655	18	.005366
2	9.834	...	11	54.09	53.91			
3	14.75	...	12	59.00	59.12			
4	19.66	19.66	13	63.92	63.68			
5	24.59	24.60	14	68.84	68.65			
6	29.50	29.62	15	73.75	...			
7	34.42	34.47	16	78.67	78.34			
8	39.34	39.38	17	83.59	83.22			
9	44.25	44.42	18	88.51	...			

^aSeveral values have been corrected in this table from the original paper.