The group above 90% consisted of 13 players; the two highest in this group were forwards. Three centers and eight guards composed the remainder of the list. The next group consisted of 22 players, four of whom were centers, seven were guards, and eleven were forwards. The group below 80% contained eleven players, three centers, four forwards and four guards.

It should be pointed out that out of the high eight players from the standpoint of playing efficiency, four of these players belong to School D, and that the players ranked one and two in evaluation points earned per minute also were from the same team. Also, it should be noted that two players of School D were ranked among those that were listed with zero ball handling errors.

On the basis of the data presented in Table V it would be interesting to select an all-opposition team.

Summary and Conclusion

Research of this type depends to a great extent upon the accuracy of the observers. Realizing this, the observers were very carefully selected from student majors and other interested students. The same observers were used in all the games and there is every reason to believe that the results are very nearly correct.

It is the opinion of the writers that this study has merit because:

1. It points out mistakes made during a game, thus causing the players to be more conscious of them.

2. It stresses the importance of game fundamentals.

3. It provides an itemized history of the contest.

4. It makes possible a more accurate means of comparing individuals and teams.

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TABLE I

ITEMS USED IN BASKETBALL EVALUTAION 1939 STUDY

OFFENSIVE   Weight in evaluation points

A. Positive items

    1. Field goals   10
    2. Free throws   5
    3. Immediate assists   4
    4. Secondary assists   3
    5. Recovers ball off own backboard   2
    6. Recovers teammate's jump ball   1
    7. Recovers opponent's fumble   1
    8. Good pass to a teammate   1
    9. Catches teammate's pass   1

B. Negative items

    1. Error of omission   1
    2. Held ball forced by opponent   1
    3. Fumbles ball and it goes out of bounds   2
    4. Fumbles ball and it is obtained by opponent   2
    5. Taps ball out of bounds   2
    6. Wild pass out of bounds   3
    7. Wild pass to an opponent   4
    8. Violation of rules   5
    9. Offensive personal foul   8

DEFENSIVE

A. Positive items

    1. Blocking opponent's shot   4
    2. Recovery from opponent's backboard   4
    3. Intercepting opponent's dribble   3
    4. Intercepting opponent's pass   2
    5. Forcing held ball with opponent   2
    6. Batting ball from opponent's hands and recovering   2
    7. Batting ball from opponent's hands and not recovering   1
    8. Cuts off opponent's pass, but not recovering   1

B. Negative items

    1. Fouling opponent with ball   8
    2. Fouling opponent without ball   8

TABLE II

AVERAGES OF THE KANSAS TEAM
1938-39 Study

	1938 Nine Game Averages	1939 Eight Game Ave.	17 Game Averages
Score	42.7	40.3	41.5
Goals attempted	61.5	72.8	66.8
Goals made	16.5	15.6	16.1
Free throws attempted	16	16.1	16.1
Free throws made	9.56	9	9.3
Personal fouls	10.2	12.1	11.1
Offensive personal fouls	.78	.88	.82
Violations	3.7	3.8	3.7
Rebounds from own backboard	21.3	15	18.3
Rebounds from opponent's backboard	22.3	27.4	24.7
Total passes and catches	706.3	728.6	716.8
Wild passes	7.57	3.5	5.6
Held balls obtained by opponent	3.1	3.3	3.2
Fumbles	6.1	2.9	5.2
Recovers jump ball	10.8	7.1	9.1
Offensive positive eval. points	1103	1055	1080.4
Offensive negative eval. points	73.2	48.4	61.5
Defensive positive eval. points	-	144	-
Defensive negative eval. points	-	97	-
Net eval. points per player per minute of play	5.14	5.3	5.2
Immediate assists	13	13.4	13.2
Secondary assists	11	11.3	11.1

TABLE III

TEAM SUMMARY

TEAM	Score	Goals Made	% of Goals Made	Free Throws Made	% of F.T. Made	Personal Fouls	Total Passes and Catches	No. of Errors in Ball Handling	% of Errors in Ball Handling	Recovery of Re-bounds	Violations	Offensive %	Defensive %	Composite %	Eval. Points
Kansas	27	8	14.5	9	52.9	15	732	8	1.1	32	2	95.4	52.0	86.9	890
A	20	6	13.3	8	47.1	14	670	20	2.1	27	8	90.8	52.3	82.9	754
Kansas	39	16	23.8	7	50	14	793	6	0.8	47	5	96.4	55.4	89.2	1121
B	33	11	18.9	11	78.6	13	561	6	1.1	28	2	96.8	46.9	87.2	757
Kansas	33	10	16.7	13	72.2	14	583	8	1.4	43	7	93.4	61.7	86.1	846
C	29	10	18.5	9	52.9	16	518	16	3.0	33	1	94.4	45.3	83.3	689
Kansas	37	15	16.9	7	53.8	14	754	14	1.8	36	2	95.9	54.1	88.4	1048
D	32	13	20	6	42.9	12	596	10	1.6	39	0	95.0	61.7	88.1	835
Kansas	34	15	22.7	4	36.4	9	734	13	1.8	37	0	97.8	64.2	92.5	1061
E	27	10	20.4	7	63.6	11	608	8	1.3	38	5	95.4	59.1	88.2	828
Kansas	49	22	29.3	5	27.8	11	734	16	2.1	57	9	93.5	67.6	88.7	1141
F	46	19	28.4	8	53.3	15	421	7	1.6	37	2	94.8	49.5	85.	721
Kansas	46	16	21.3	14	63.6	14	788	4	0.5	48	4	94.6	65.8	89.9	1153
G	37	15	24.6	7	43.8	17	598	14	2.3	19	1	96.1	33.7	84.6	767
Kansas	59	23	24.7	13	81.2	13	711	8	1.1	39	1	97.6	56.6	91.2	1169
H	45	18	24	9	69.2	14	400	18	4.3	24	9	88.2	34.1	79.1	581
Kansas Totals	322	125	21.5	72	55.8	104	5829	77	1.3	339	30	95.6	59.8	89.2	8053
Opp. Totals	269	102	21.7	65	55.6	112	4372	99	2.2	245	28	93.9	48.5	84.8	5932

Efficiencies

TABLE IV.

PLAYER ANALYSIS
(1938-39)   Playing Efficiencies

* Player **	Position	* Min. Played	* Scoring Ability Index	* Points Scored	Points per Game	Games Played	* Ball Handling Error %	* Offensive %	* Defensive %	* Composite %	* Eval. Points per Minute
A	g	1-276	2-857	2-54	6.8	8	5-1.4	6-95.4	2-80.8	2-92.9	3-6
B	g	2-227	4-503	5-27	3.4	8	2-0.5	3-97.8	3-73.4	3-92.4	5-5.6
C	c	3-226.5	7-331	4-31	3.9	8	1-0.3	3-97.8	9-41.1	6-90.4	2-6.3
D	f	4-187.5	1-1383	1-73	9.1	8	7-1.8	9-93.4	4-73.	5-90.6	6-5.5
E	f	5-150	3-759	3-47	7.8	6	9-1.9	8-94.3	10-37.2	9-83.4	9-4.5
F	f	6-140.5	6-386	6-26	3.3	8	4-1.1	3-97.8	8-54.1	4-90.9	7½-4.9
G	g	7-105	8-268	9-15	2.5	6	11-2.9	7-94.6	5-67.3	8-88.5	7½-4.9
H	c,f	8-91.5	5-426	7-20	2.9	7	3-0.9	1-99.0	1-82.4	1-96.4	4-5.9
I	f	9-67.5	9-207	8-17	4.3	4	9-2.4	10-90.8	11-29.2	10-74.6	10-3.1
J	g	10-48.5	10-81	10-6	1.5	4	10-2.6	11-89.6	12-26.2	11-74.1	11-2.6
K	f	11-33.5	12-7	11-2	.4	5	12-9.2	12-79.4	6-57.9	12-73.6	12-2
L	c	12-21.5	11-25	12-2	.5	4	6-1.5	5-97.5	7-55.6	7-89.7	1-7.1

Position - guard, forward, center

* Indicates player rank in squad.

**This includes the players who had a playing time of more than 20 minutes on the

home court.