

Raza's System - Point Score System Coefficients for IPC Athletics Field Events

Event	Class	a	b	c
Mens Shot	F11	1046.648638	3.223370	0.420800
Mens Shot	F12	1046.648638	3.223370	0.378000
Mens Shot	F32	1091.378351	2.207020	0.425000
Mens Shot	F33	1091.378351	2.207020	0.380000
Mens Shot	F37	1073.145017	2.672683	0.320566
Mens Shot	F38	1073.145017	2.672683	0.349800
Mens Shot	F42	1181.678122	3.011857	0.333000
Mens Shot	F44	1181.678122	3.011857	0.265000
Mens Shot	F52	2028.111693	2.323965	0.266488
Mens Shot	F53	2028.111693	2.323965	0.304000
Mens Shot	F54	1111.910290	3.050596	0.513500
Mens Shot	F55	1111.910290	3.050596	0.446000
Mens Shot	F56	1111.910290	3.050596	0.392286
Mens Shot	F57	1229.553655	2.441155	0.281000
Mens Shot	F58	1229.553655	2.441155	0.245000
Womens Shot	F11	1011.289237	3.698015	0.779072
Womens Shot	F12	1137.854994	2.573892	0.354122
Womens Shot	F32	1282.316101	2.043899	0.520000
Womens Shot	F33	1282.316101	2.043899	0.485000
Womens Shot	F34	1282.316101	2.043899	0.390000
Womens Shot	F35	1145.745416	3.235819	0.476000
Womens Shot	F36	1145.745416	3.235819	0.525000
Womens Shot	F42	1415.344701	2.321503	0.336100
Womens Shot	F44	1415.344701	2.321503	0.271900
Womens Shot	F54	1214.492460	2.747650	0.630000
Womens Shot	F55	1214.492460	2.747650	0.497000
Womens Shot	F56	1214.492460	2.747650	0.460000
Womens Shot	F57	1173.119004	2.249698	0.370000
Womens Shot	F58	1173.119004	2.249698	0.366000
Mens Discus	F32	1520.585512	1.710673	0.125000
Mens Discus	F33	1520.585512	1.710673	0.083000
Mens Discus	F34	1520.585512	1.710673	0.062000
Mens Discus	F35	1349.598678	1.930901	0.057850
Mens Discus	F36	1349.598678	1.930901	0.081500
Mens Discus	F37	1065.845176	2.440064	0.098900
Mens Discus	F38	1065.845176	2.440064	0.107300
Mens Discus	F51	2661.621587	2.047401	0.175000
Mens Discus	F52	2661.621587	2.047401	0.099000
Mens Discus	F53	2661.621587	2.047401	0.077000
Mens Discus	F54	1184.127698	2.165047	0.122000
Mens Discus	F55	1184.127698	2.165047	0.100400
Mens Discus	F56	1184.127698	2.165047	0.091000
Mens Discus	F57	1280.145180	2.114022	0.071000
Mens Discus	F58	1280.145180	2.114022	0.060964

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Womens Discus	F11	1181.500000	1.834004	0.090000
Womens Discus	F12	1181.500000	1.834004	0.080000
Womens Discus	F35	1181.867462	2.482113	0.148000
Womens Discus	F36	1181.867462	2.482113	0.160000
Womens Discus	F51	2368.825068	1.721310	0.306000
Womens Discus	F52	2368.825068	1.721310	0.122141
Womens Discus	F53	2368.825068	1.721310	0.113000
Womens Discus	F57	1179.305680	2.527330	0.139700
Womens Discus	F58	1179.305680	2.527330	0.108000
Mens Javelin	F12	1300.895370	1.921968	0.053840
Mens Javelin	F13	1300.895370	1.921968	0.052540
Mens Javelin	F33	1042.197657	2.035424	0.199000
Mens Javelin	F34	1042.197657	2.035424	0.145000
Mens Javelin	F52	1416.289547	2.374773	0.185000
Mens Javelin	F53	1416.289547	2.374773	0.155220
Mens Javelin	F54	1066.174986	2.231086	0.169000
Mens Javelin	F55	1066.174986	2.231086	0.140500
Mens Javelin	F56	1066.174986	2.231086	0.117779
Mens Javelin	F57	1283.267150	2.141155	0.080000
Mens Javelin	F58	1283.267150	2.141155	0.073000
Womens Javelin	F12	1103.179989	1.857717	0.110000
Womens Javelin	F13	1103.179989	1.857717	0.100000
Womens Javelin	F33	1368.484425	1.947171	0.200000
Womens Javelin	F34	1368.484425	1.947171	0.155000
Womens Javelin	F37	1072.022610	2.163751	0.134247
Womens Javelin	F38	1071.079875	1.952456	0.121754
Womens Javelin	F52	1368.484425	1.947171	0.230000
Womens Javelin	F53	1368.484425	1.947171	0.214500
Womens Javelin	F54	1174.103976	2.046371	0.225000
Womens Javelin	F55	1174.103976	2.046371	0.170500
Womens Javelin	F56	1174.103976	2.046371	0.161401
Womens Javelin	F57	1125.084874	2.482498	0.183000
Womens Javelin	F58	1125.084874	2.482498	0.148264
Mens Club	F31	1430.728600	2.456600	0.155100
Mens Club	F32	1110.800000	1.580500	0.106600
Mens Club	F51	1233.066000	2.410100	0.149800
Womens Club	F31	1123.098500	2.100000	0.290000
Womens Club	F32	1121.794000	2.194600	0.219700
Womens Club	F51	1135.175000	2.199600	0.280000
Mens Long Jump	F37	1137.000000	4.381344	1.059564
Mens Long Jump	F38	1106.000000	4.742900	1.123623
Mens Long Jump	F42	1071.074435	4.993775	1.178642
Mens Long Jump	F44	1621.537910	3.184850	0.560000

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Event	Class	a	b	c
Womens Long Jump	F11	1107.916430	3.456844	1.099401
Womens Long Jump	F12	1423.736030	2.893259	0.625782
Womens Long Jump	F37	1069.716630	4.563630	1.629000
Womens Long Jump	F38	1069.716630	4.563630	1.531000
Womens Long Jump	F42	1083.195504	4.884922	1.800000
Womens Long Jump	F44	1083.195504	4.884922	1.468000

$$\text{POINTS} = a * \exp(-\exp(b - c * \text{PERF}))$$

$$\text{PERF} = (-\text{LN}(-\text{LN}(\text{POINTS}/a)) + b) / c$$

Updated: 14 Jan 2012