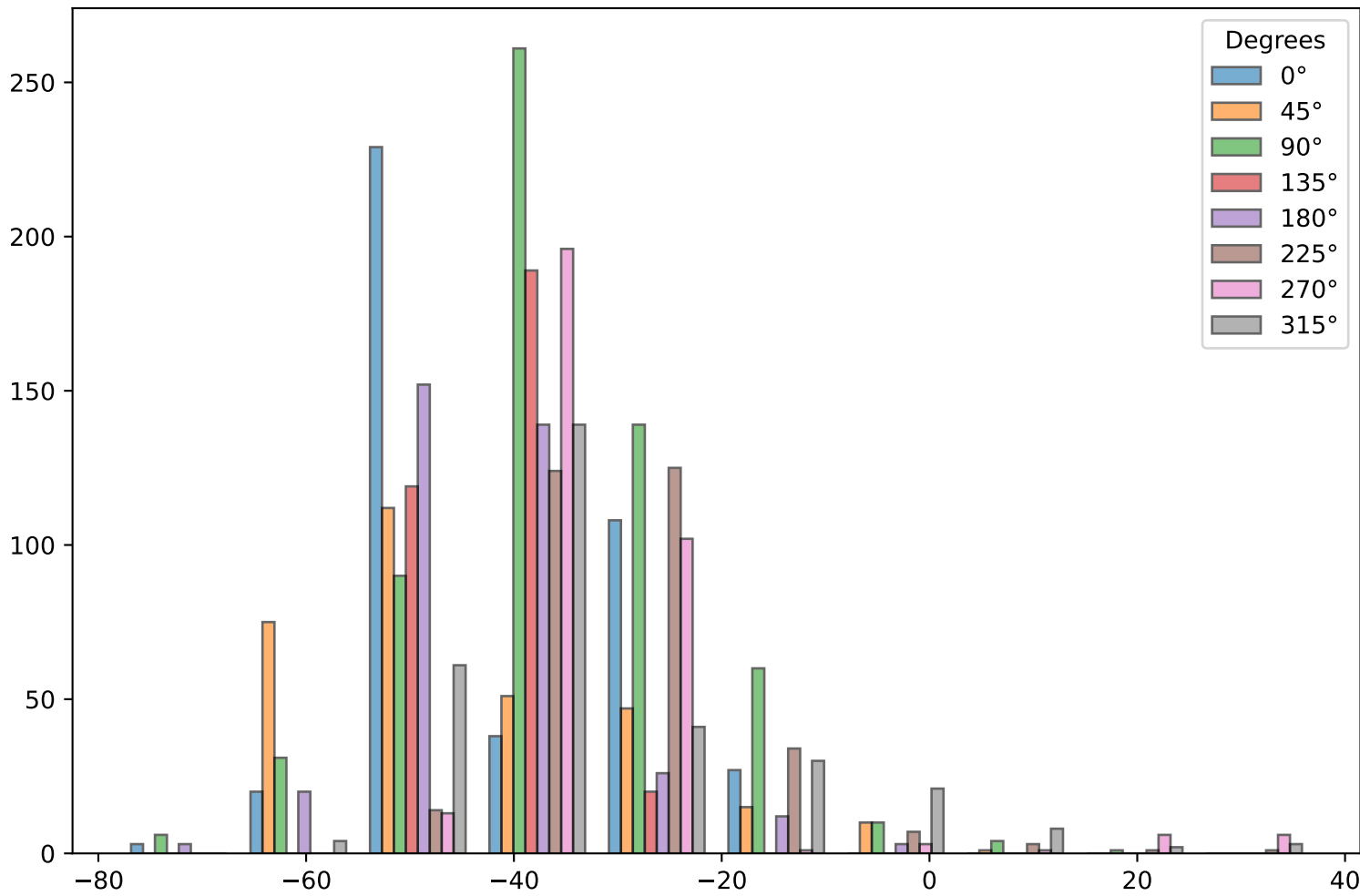
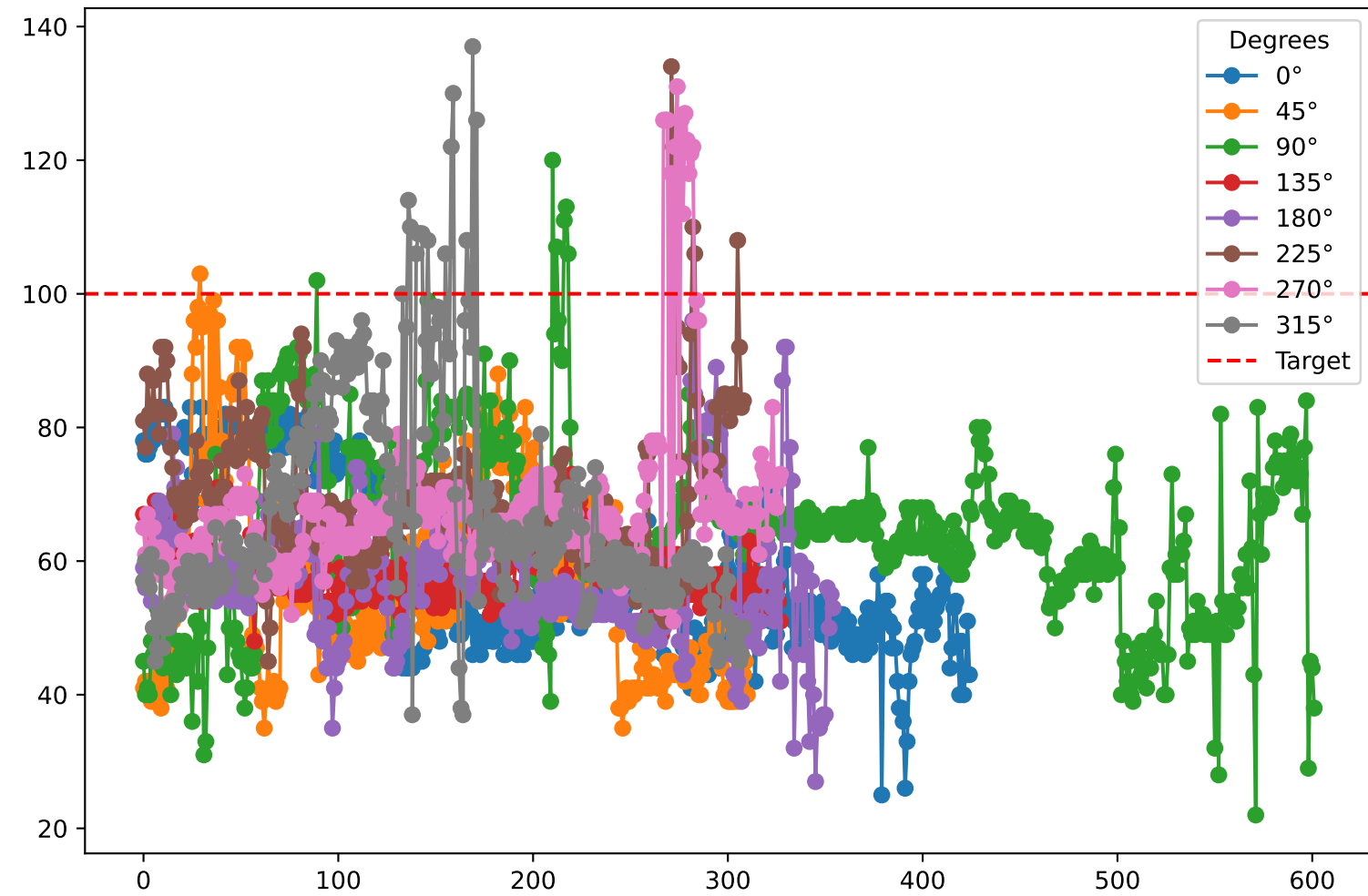


Analysis of Measurements for Goal: 100 (100cm_0degree)

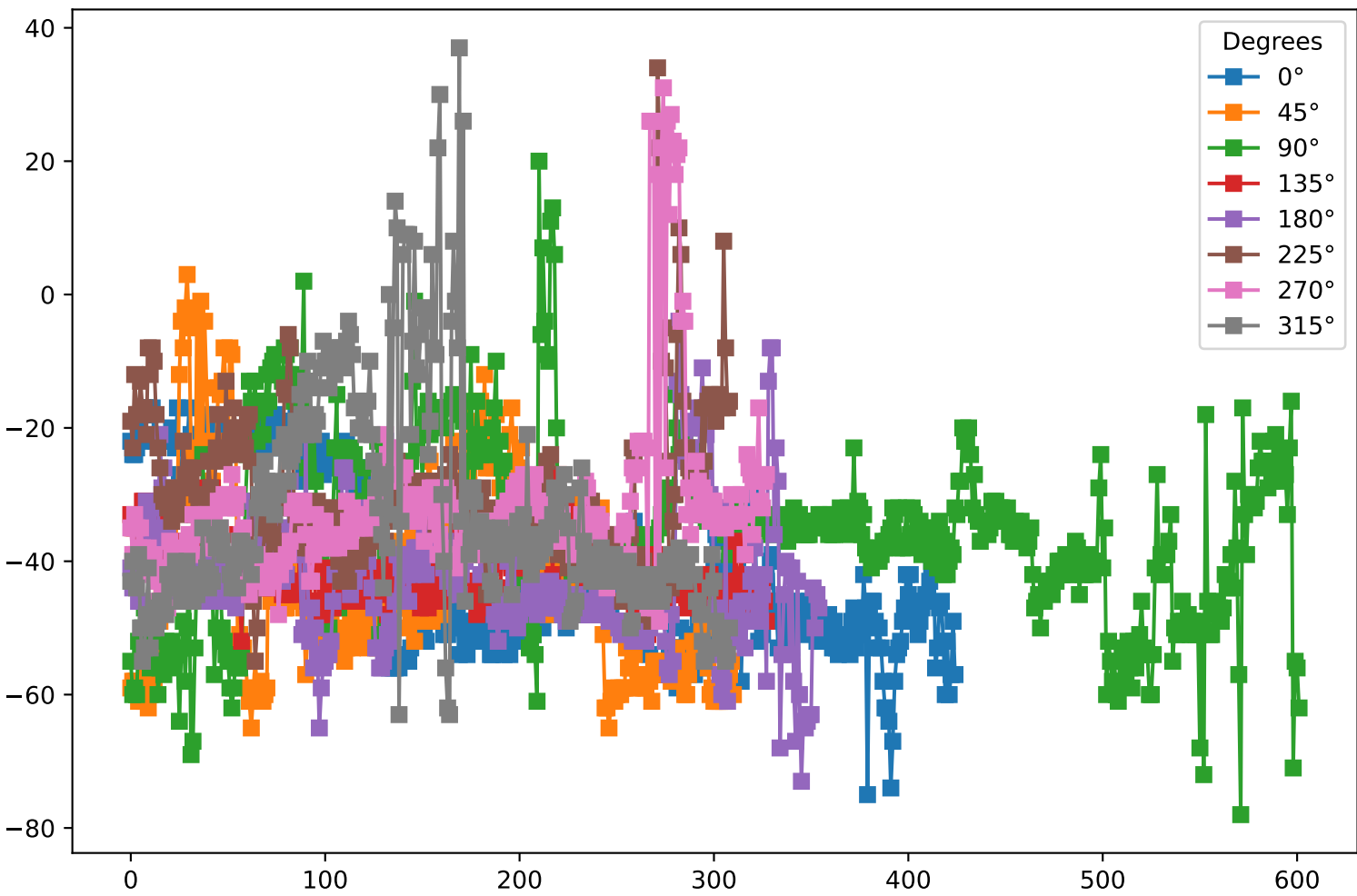
Histogram of Errors



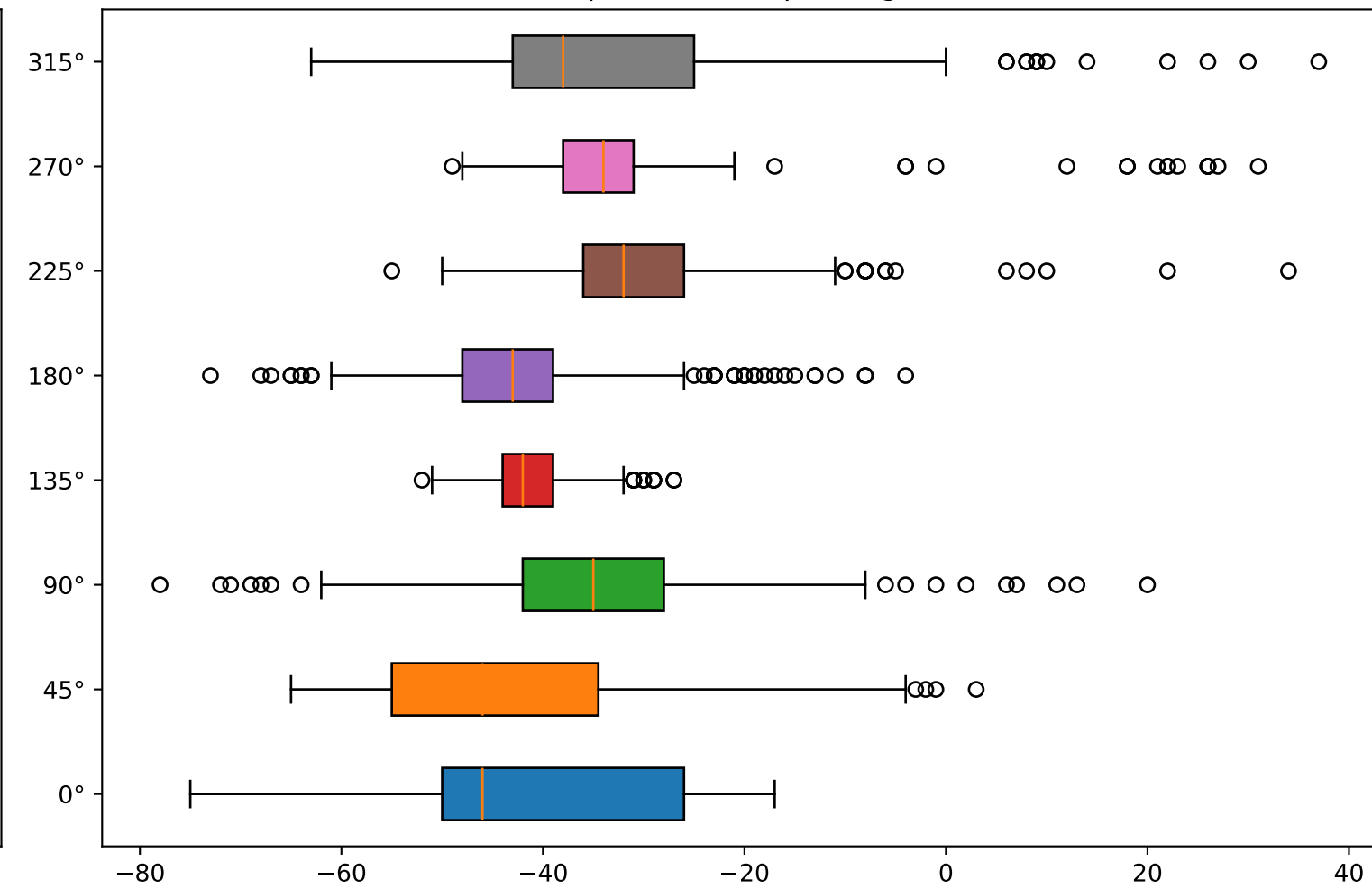
Actual Values vs. Target



Errors



Boxplot of Errors per Degree

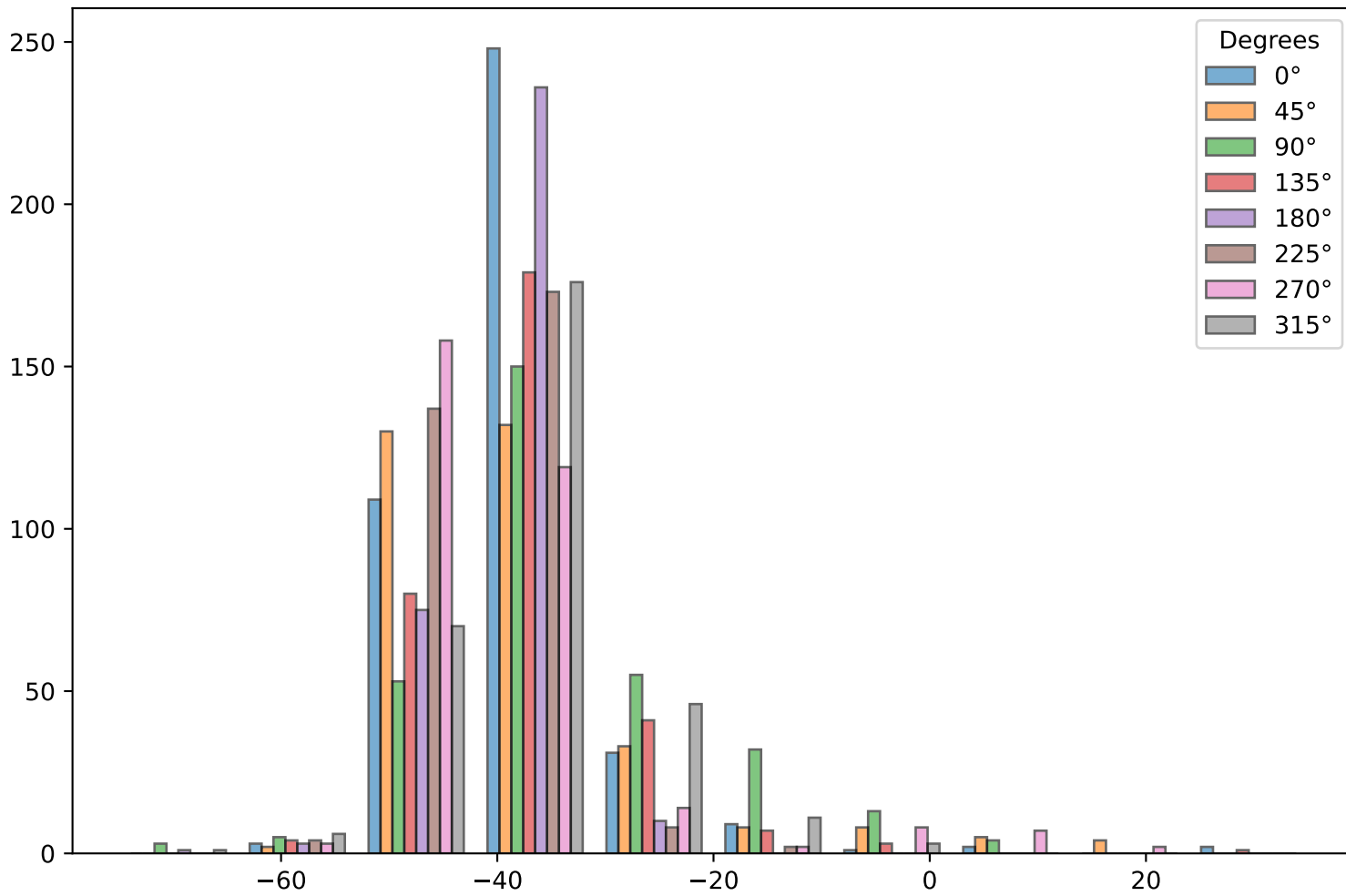


Analysis for Distance=100cm and Angle=0°
Metrics:

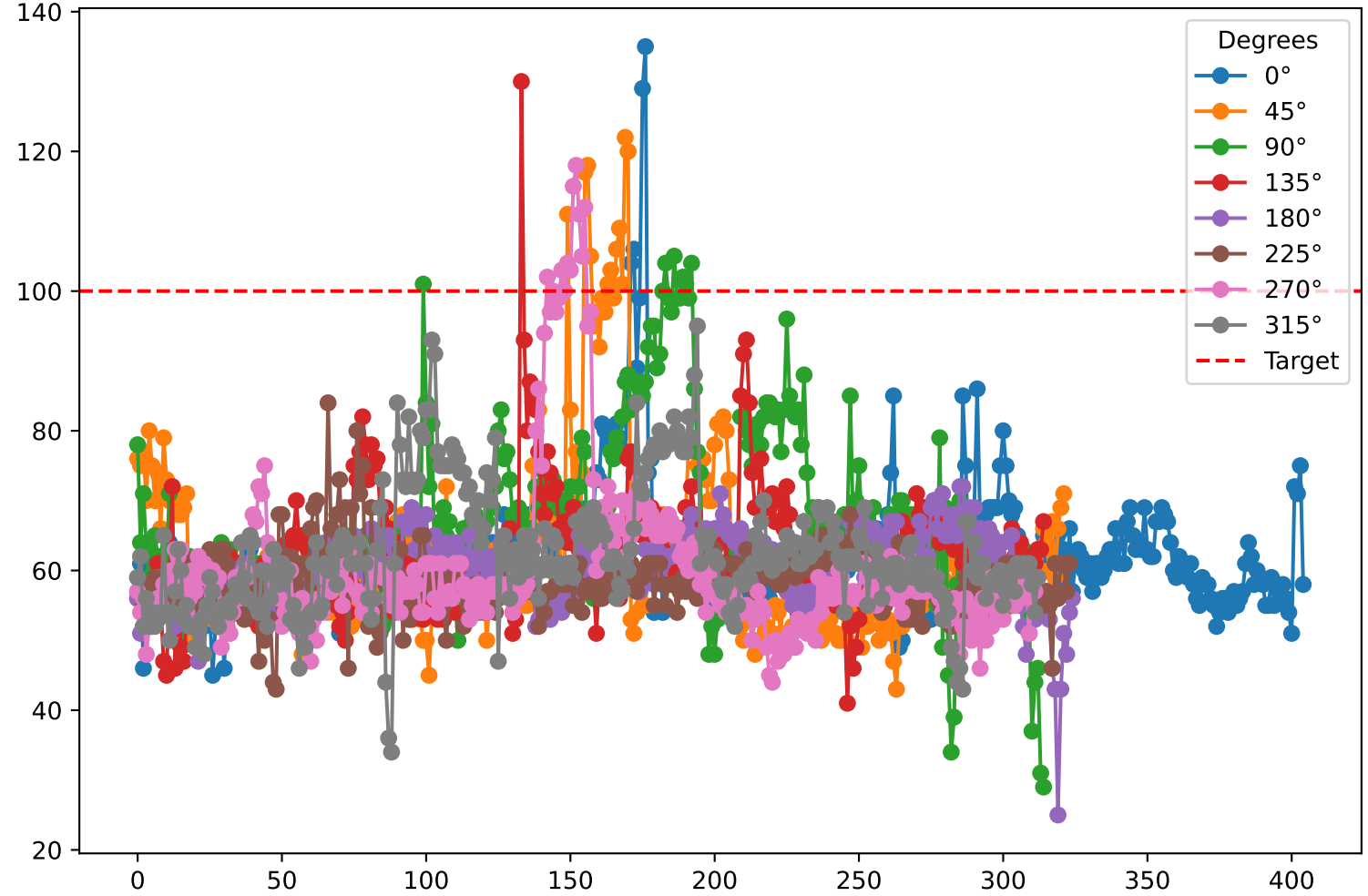
Metric	File 1	File 2	File 3	File 4	File 5	File 6	File 7	File 8
MAE	40.56	43.2026	35.4203	40.9939	42.5577	30.4693	33.7256	33.7799
MSE	1811.43	2080.48	1410.64	1702.48	1909.74	1006.77	1178.4	1326.24
RMSE	42.5609	45.6123	37.5585	41.2611	43.7006	31.7297	34.3278	36.4176
MAPE	40.56	43.2026	35.4203	40.9939	42.5577	30.4693	33.7256	33.7799
Max Error	75	65	78	52	73	55	49	63
Std Error	12.8964	14.6863	13.0342	4.6885	9.9287	10.473	12.6587	16.3833

Analysis of Measurements for Goal: 100 (100cm_45degree)

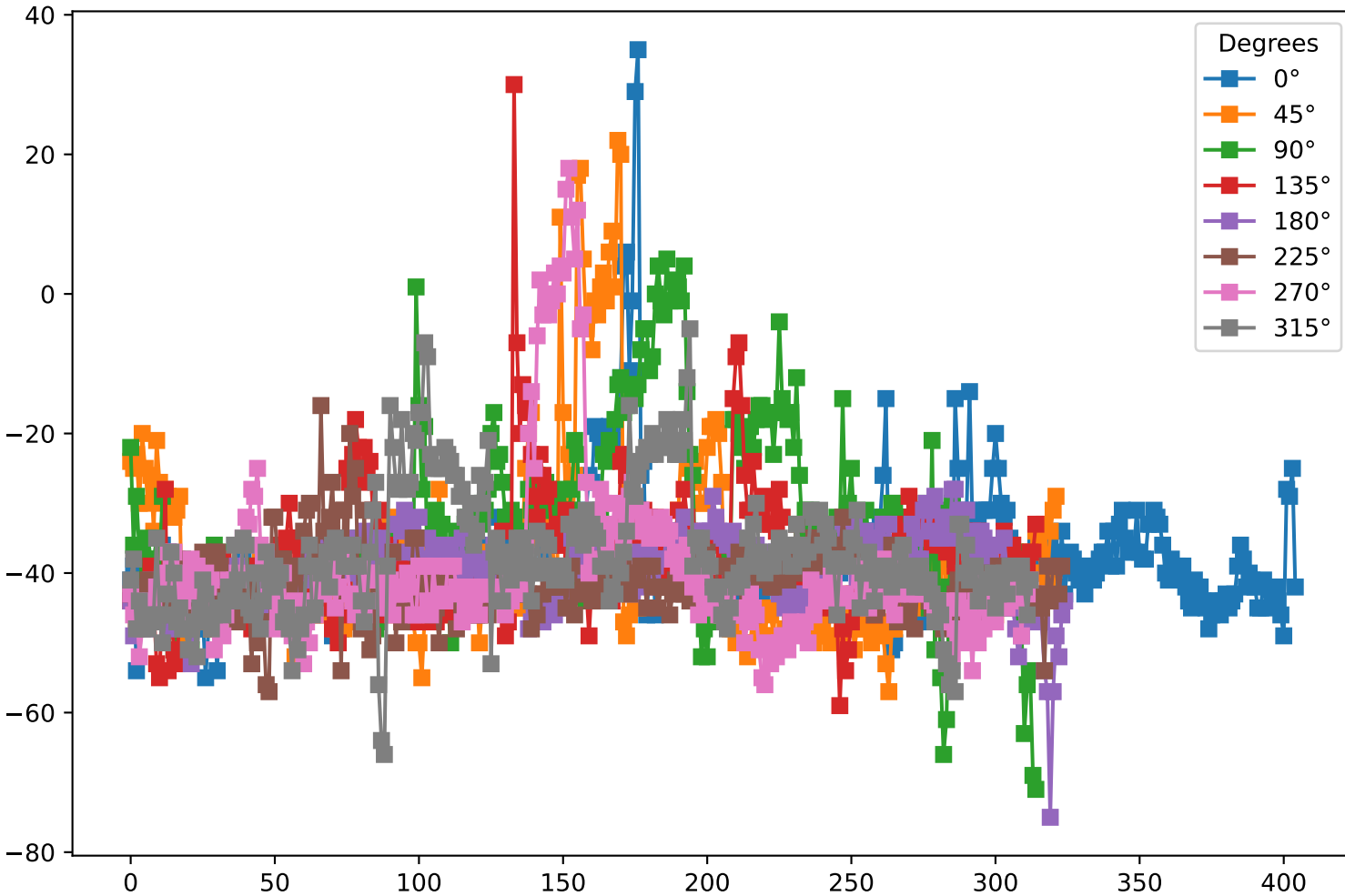
Histogram of Errors



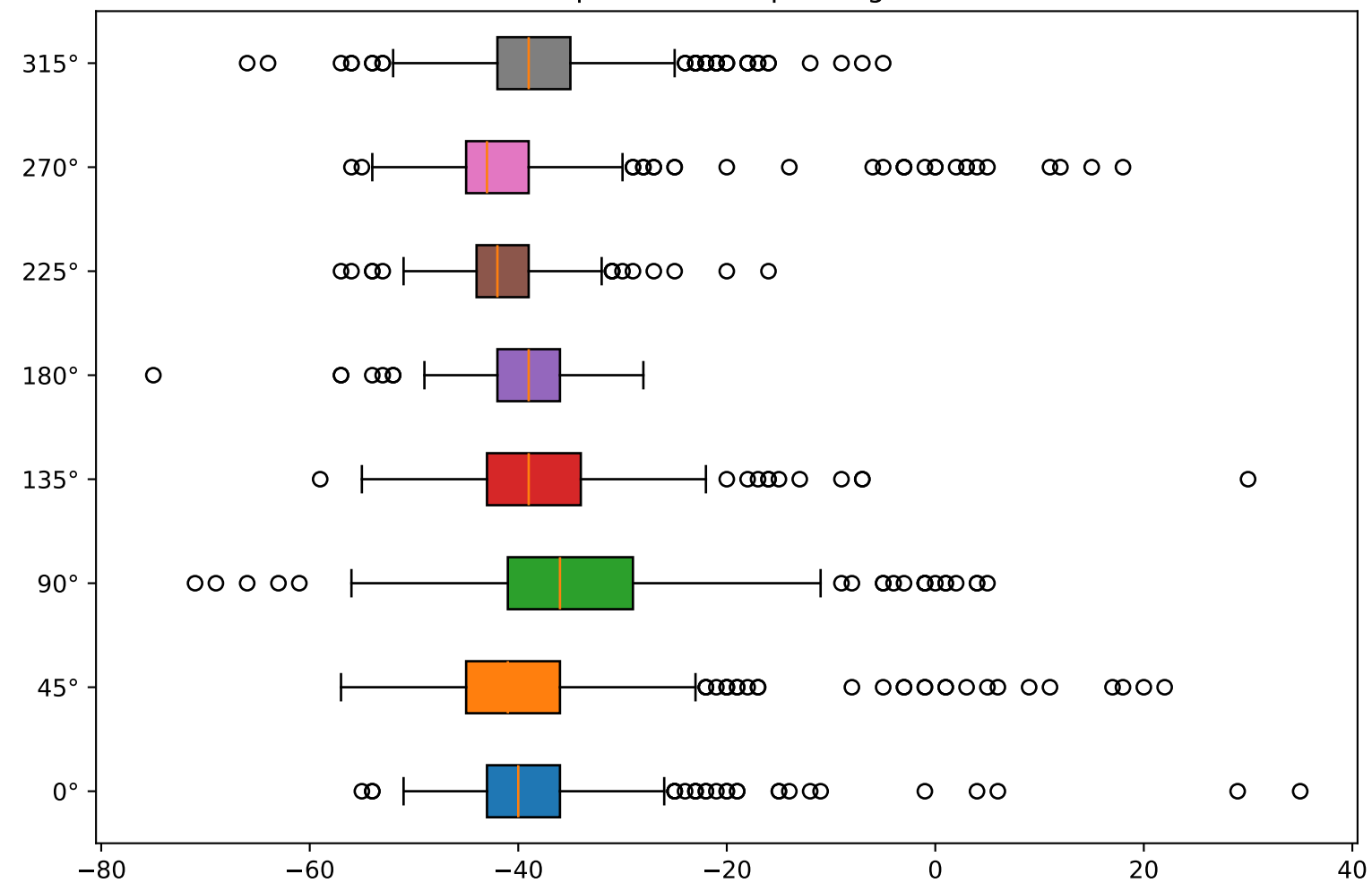
Actual Values vs. Target



Errors



Boxplot of Errors per Degree

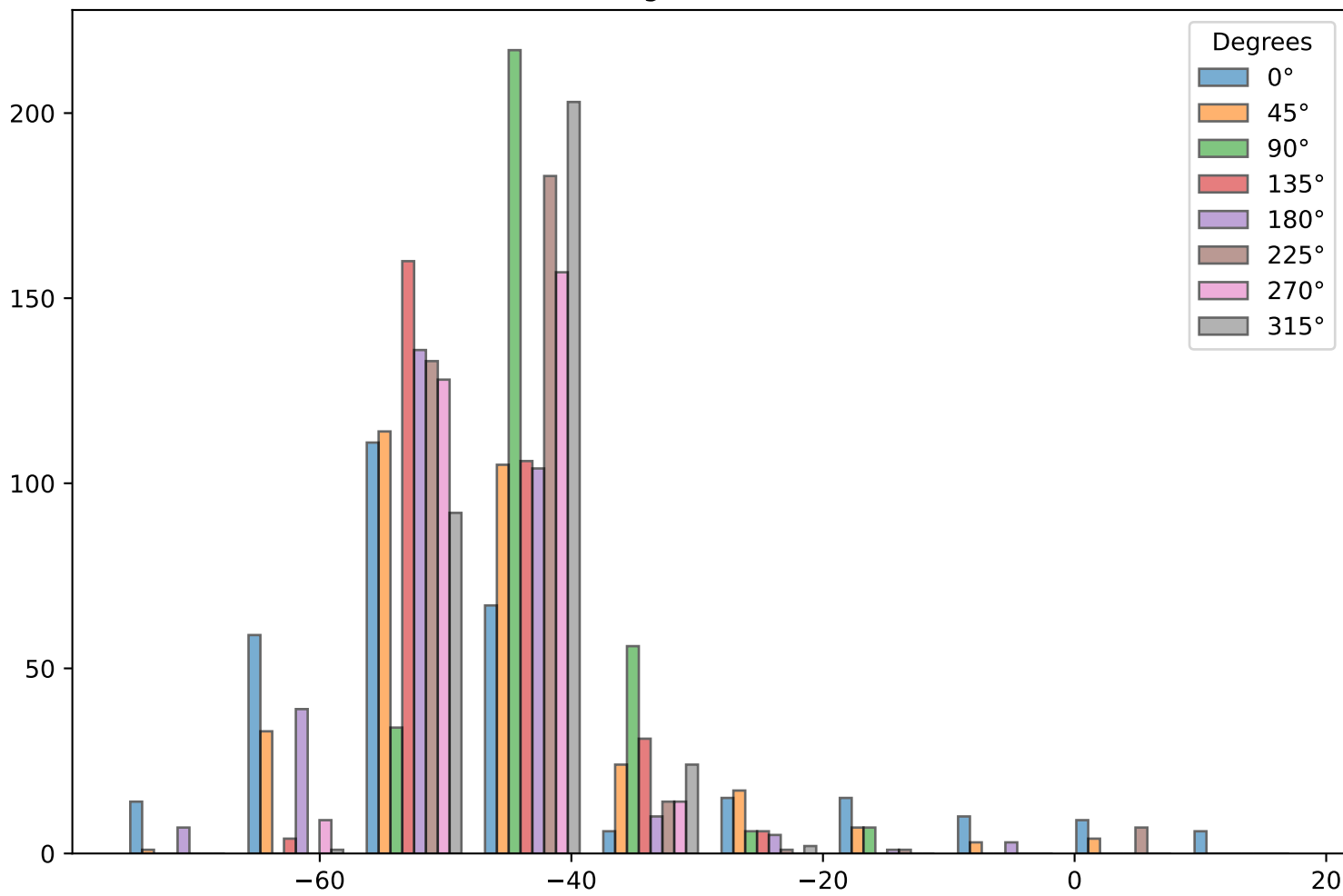


Analysis for Distance=100cm and Angle=45°
Metrics:

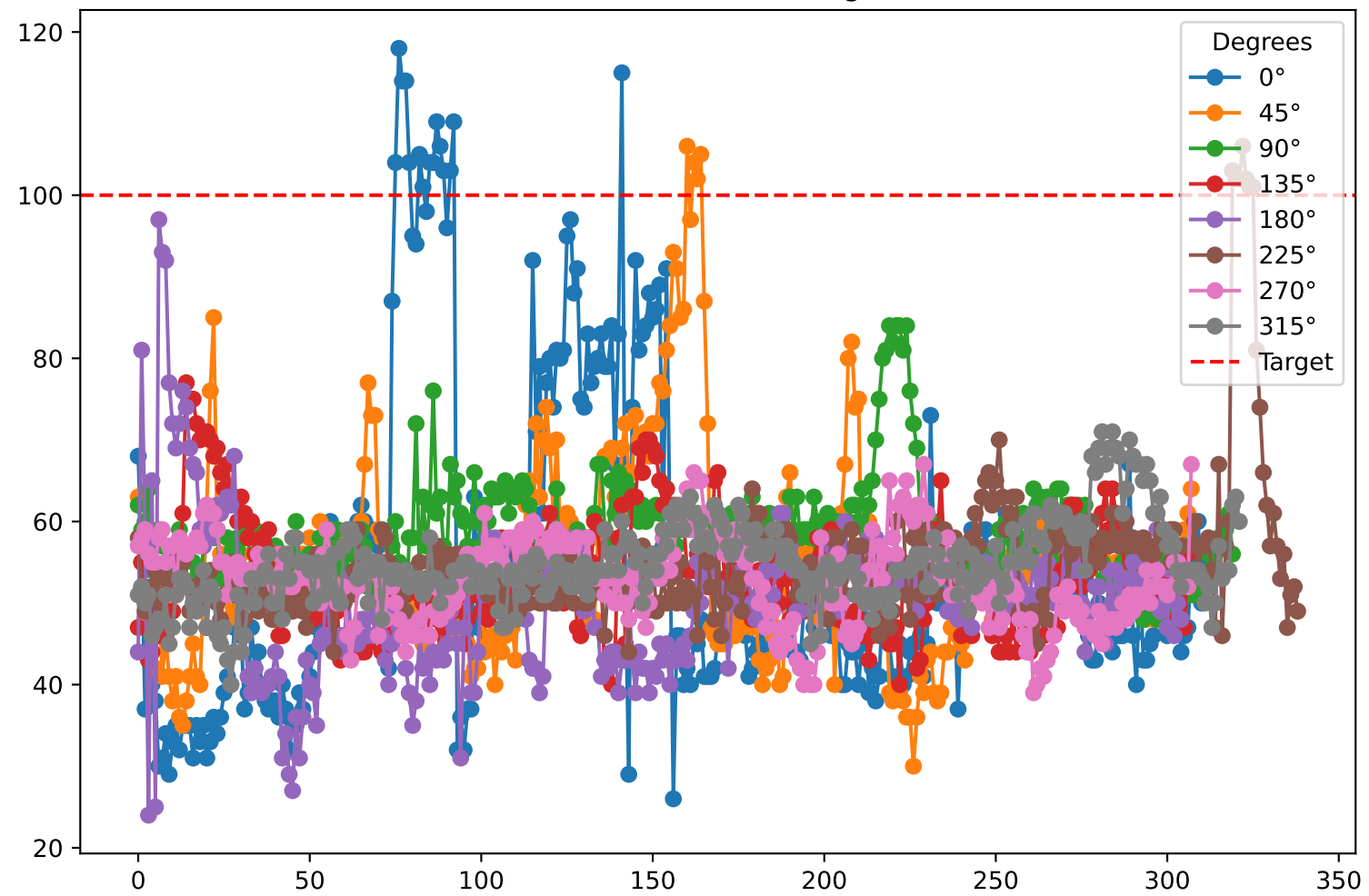
Metric	File 1	File 2	File 3	File 4	File 5	File 6	File 7	File 8
MAE	38.5358	38.5373	33.6508	38.0063	39.5877	41.4537	40.0831	37.508
MSE	1534.37	1594.41	1280.75	1503.31	1592.55	1738.63	1706.56	1484.69
RMSE	39.171	39.93	35.7876	38.7726	39.9068	41.6968	41.3105	38.5317
MAPE	38.5358	38.5373	33.6508	38.0063	39.5877	41.4537	40.0831	37.508
Max Error	55	57	71	59	75	57	56	66
Std Error	8.7972	12.7628	12.475	8.56	5.0367	4.4963	11.7081	8.8228

Analysis of Measurements for Goal: 100 (100cm_90degree)

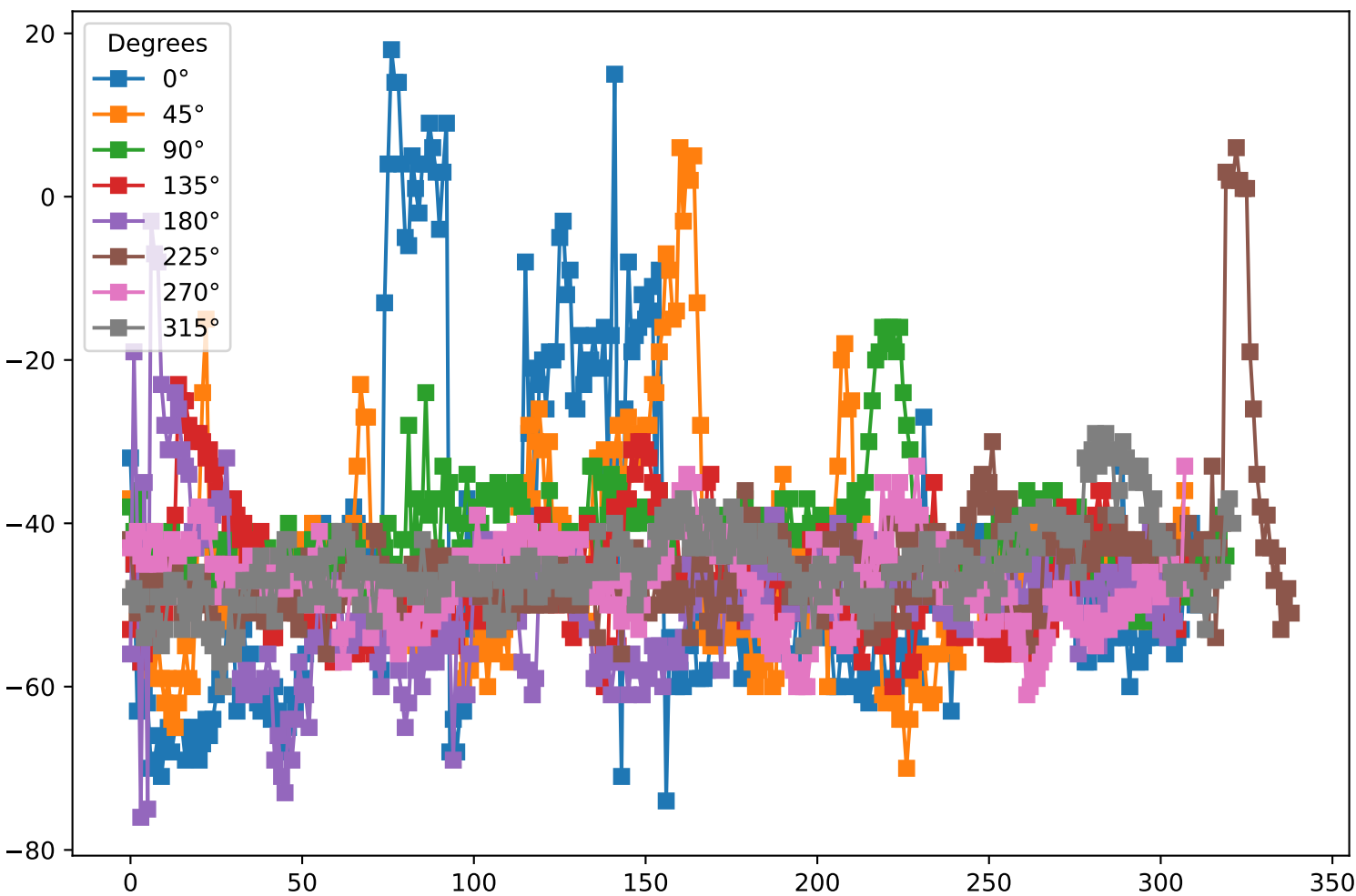
Histogram of Errors



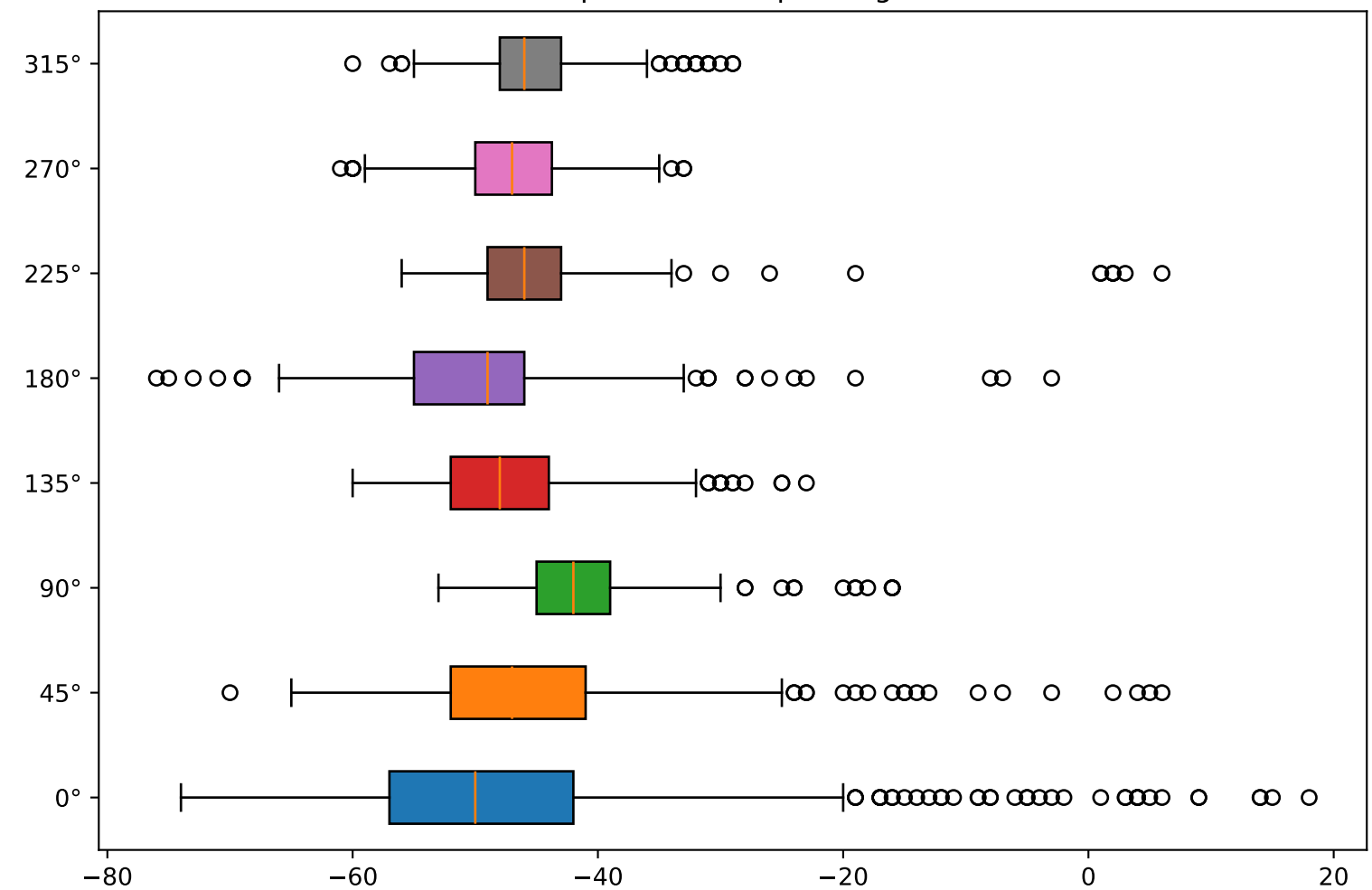
Actual Values vs. Target



Errors



Boxplot of Errors per Degree

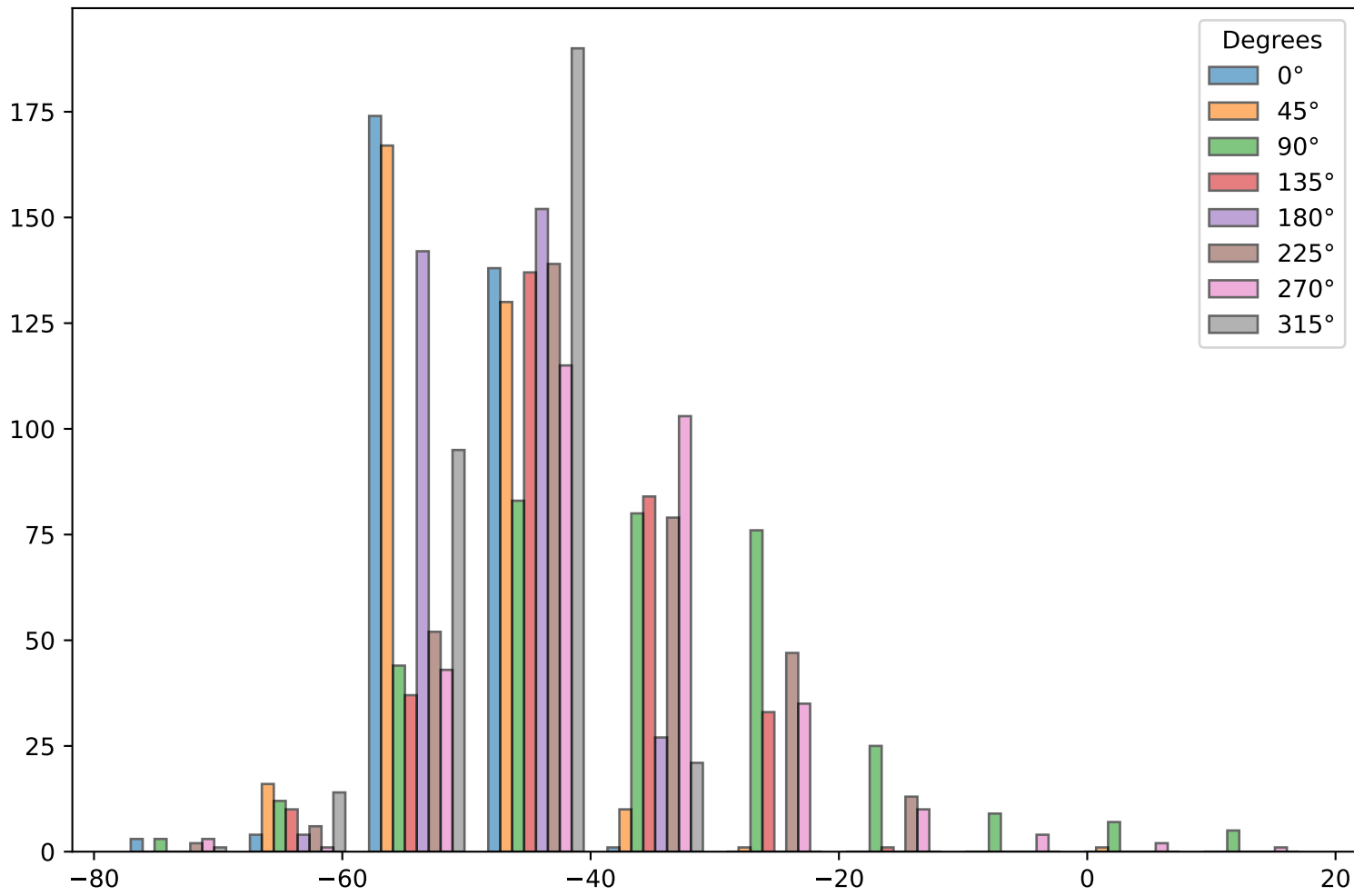


Analysis for Distance=100cm and Angle=90°
Metrics:

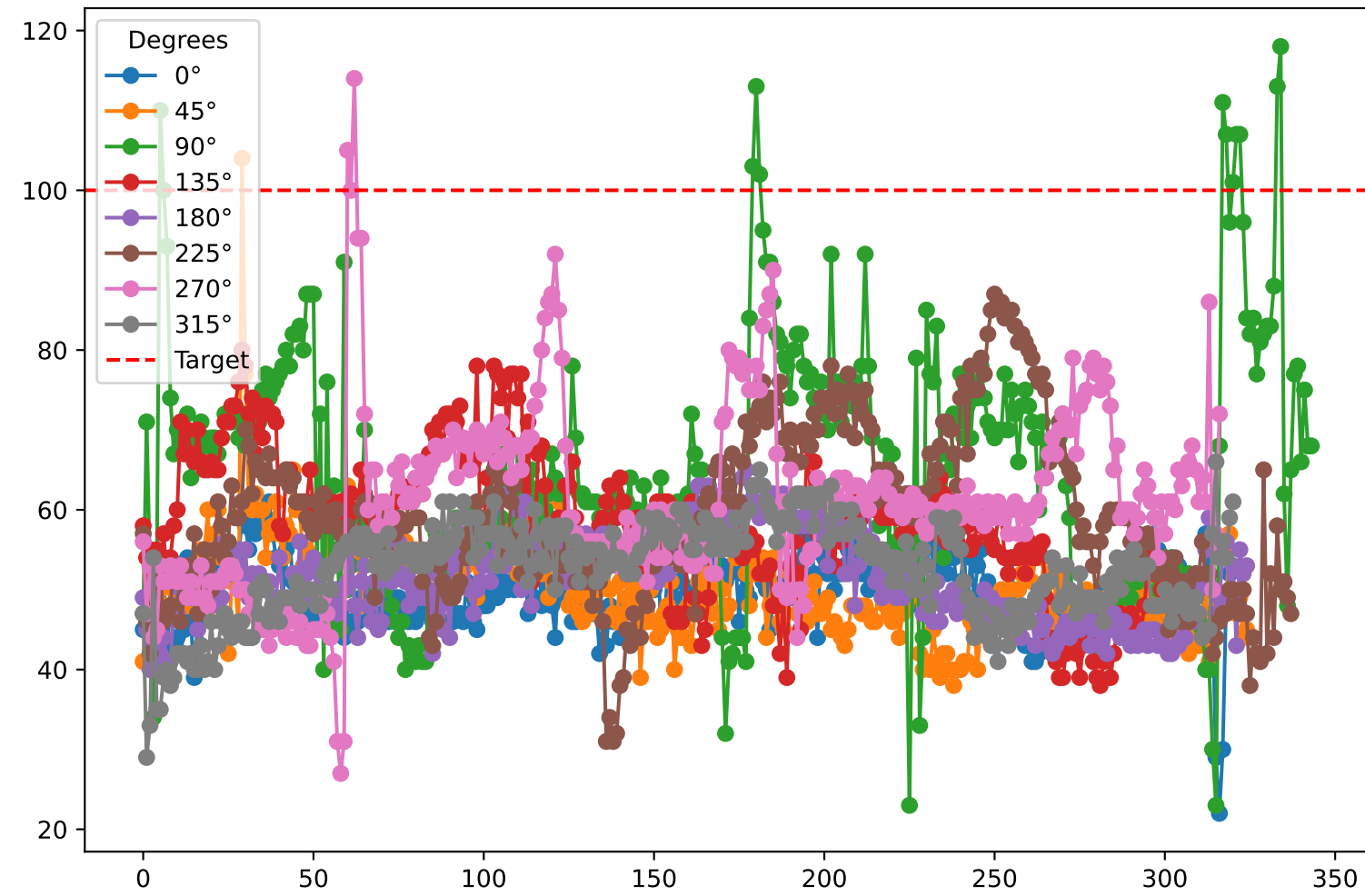
Metric	File 1	File 2	File 3	File 4	File 5	File 6	File 7	File 8
MAE	45.9071	45.2565	41.4562	46.9121	49.518	44.9971	47.013	45.1739
MSE	2394.43	2184.88	1754.26	2247.21	2533.03	2084.03	2237.1	2064.86
RMSE	48.9329	46.7427	41.8839	47.4048	50.3292	45.6512	47.298	45.4408
MAPE	45.9071	45.2565	41.4562	46.9121	49.518	44.9971	47.013	45.1739
Max Error	74	70	53	60	76	56	61	60
Std Error	18.7872	12.1124	5.9701	6.817	8.9995	8.265	5.1843	4.9174

Analysis of Measurements for Goal: 100 (100cm_135degree)

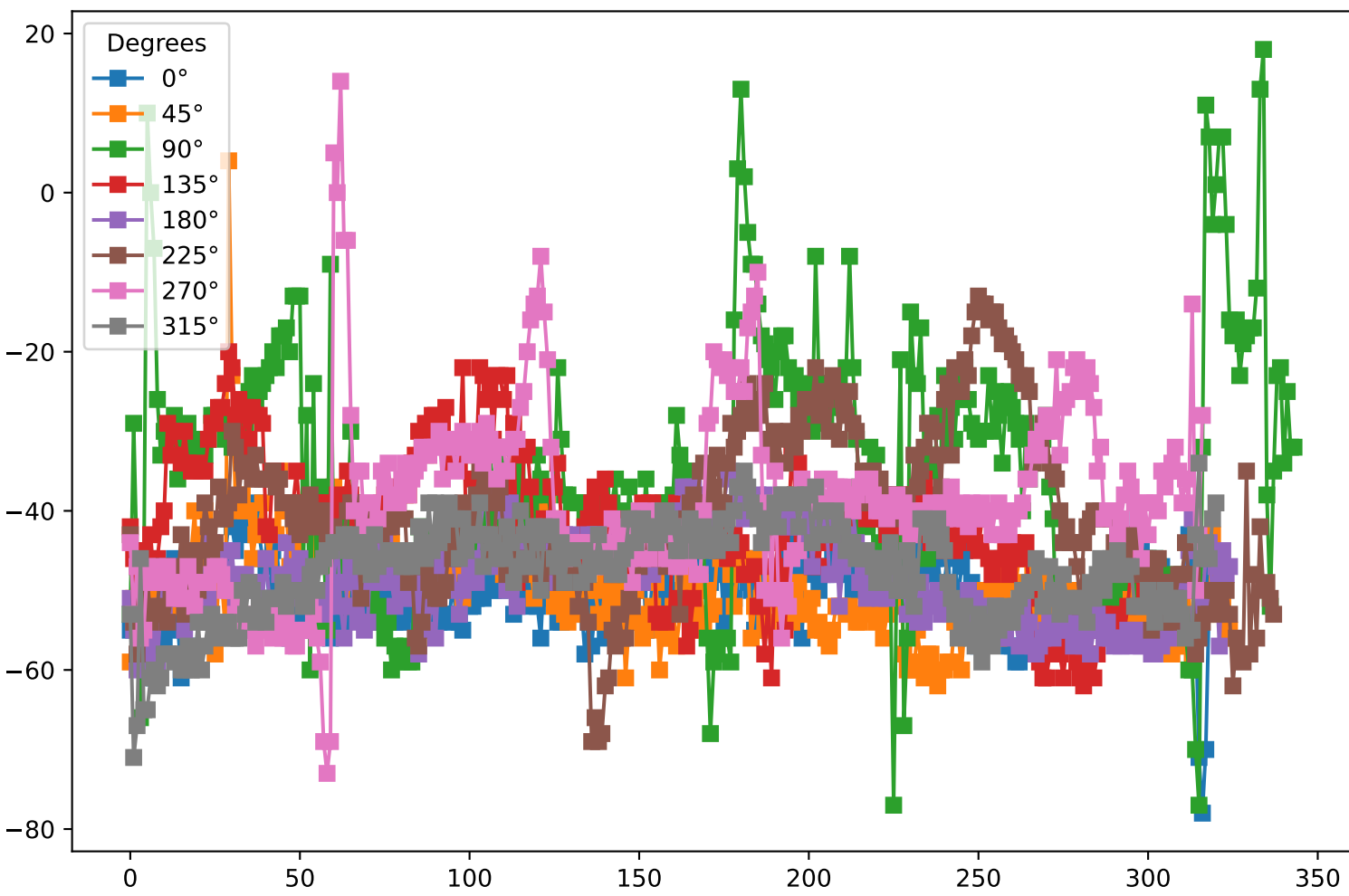
Histogram of Errors



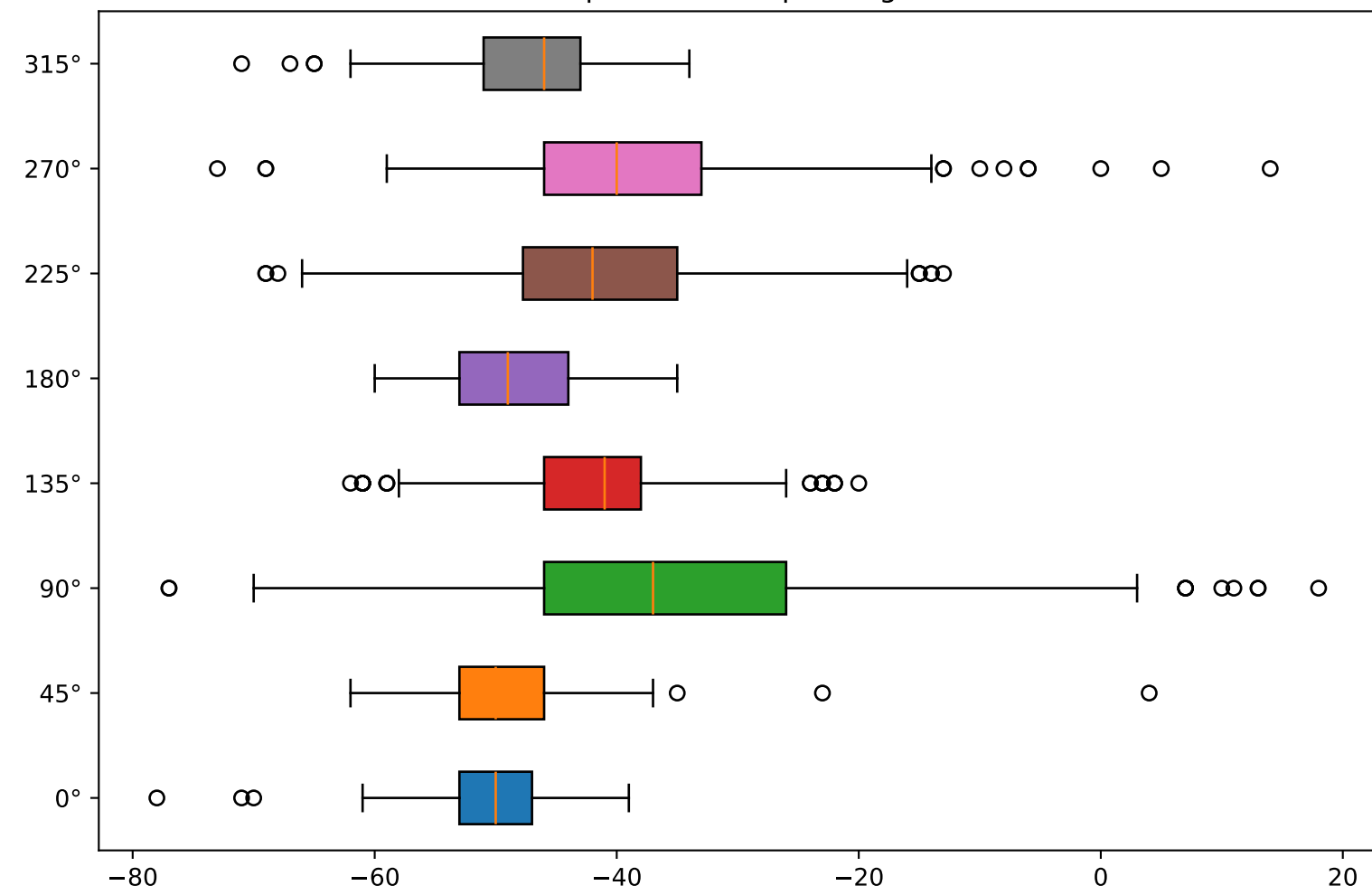
Actual Values vs. Target



Errors



Boxplot of Errors per Degree

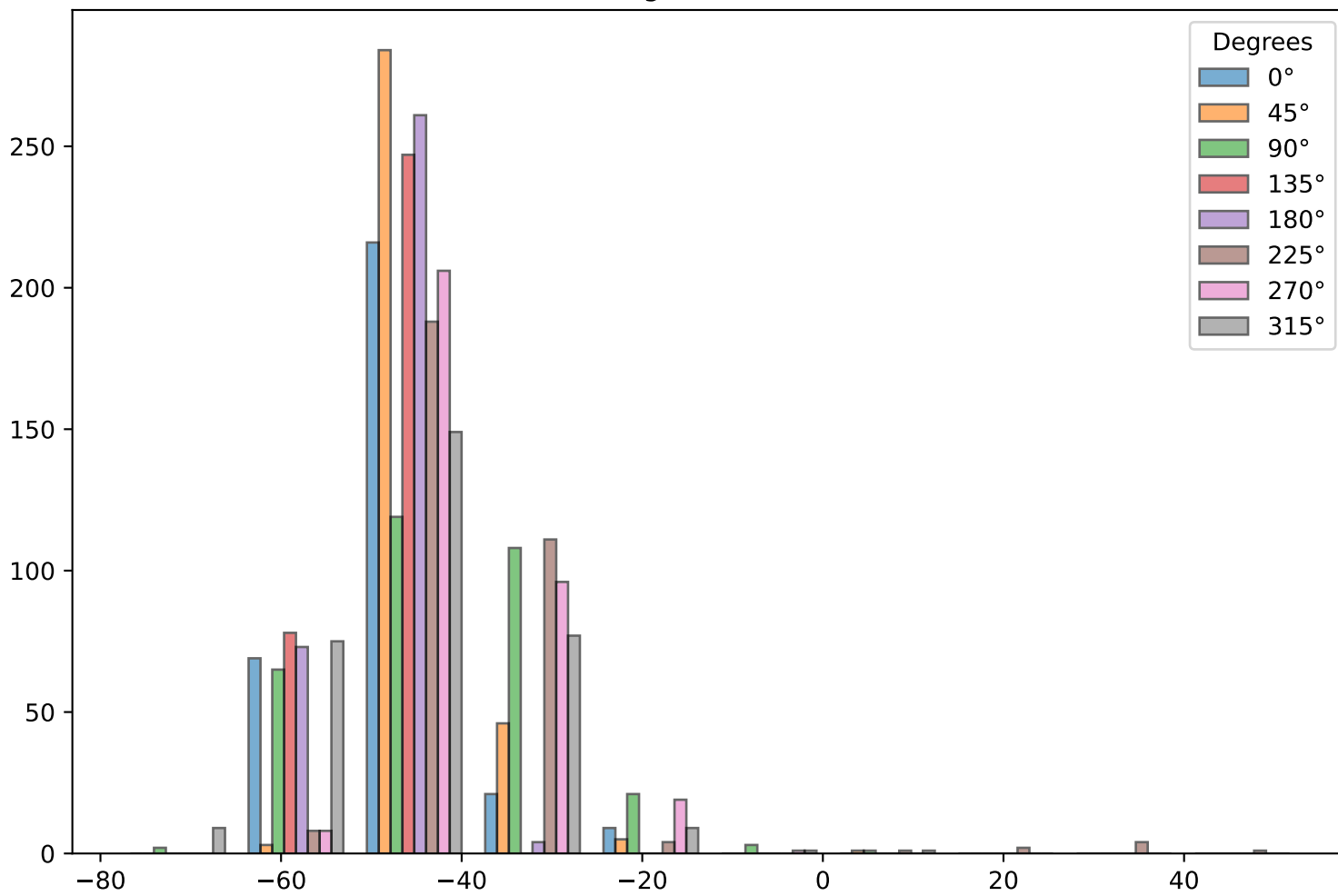


Analysis for Distance=100cm and Angle=135°
Metrics:

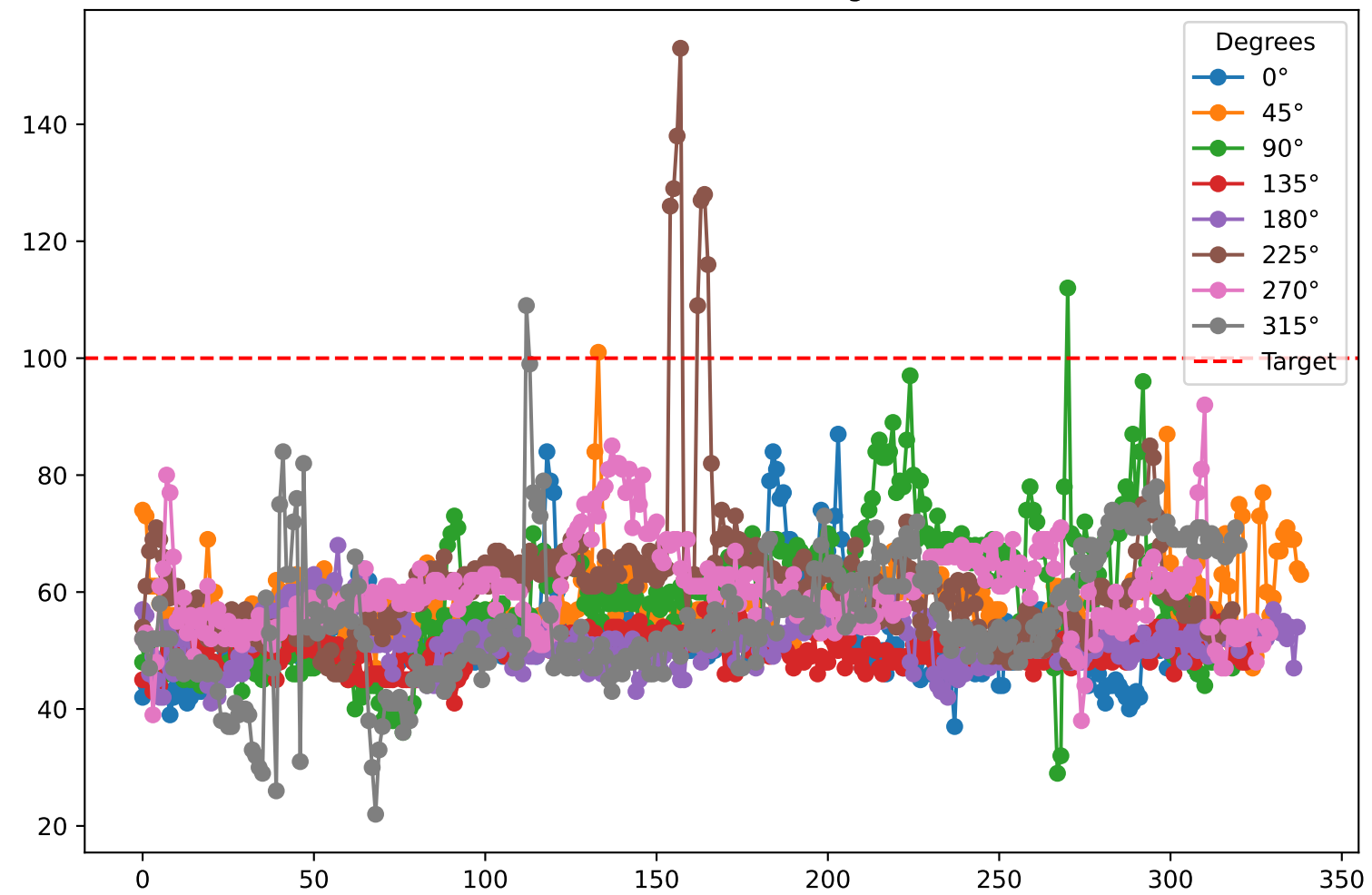
Metric	File 1	File 2	File 3	File 4	File 5	File 6	File 7	File 8
MAE	50.3375	49.5692	35.875	41.6788	48.3662	40.6598	38.9842	47.3988
MSE	2553.96	2492.57	1486.76	1811	2371.18	1759.9	1637.27	2281.49
RMSE	50.5367	49.9257	38.5585	42.5559	48.6947	41.9512	40.4632	47.765
MAPE	50.3375	49.5692	35.875	41.6788	48.3662	40.6598	38.9842	47.3988
Max Error	78	62	77	62	60	69	73	71
Std Error	4.4824	6.1566	15.4219	8.5954	5.6474	10.3289	11.2622	5.9034

Analysis of Measurements for Goal: 100 (100cm_180degree)

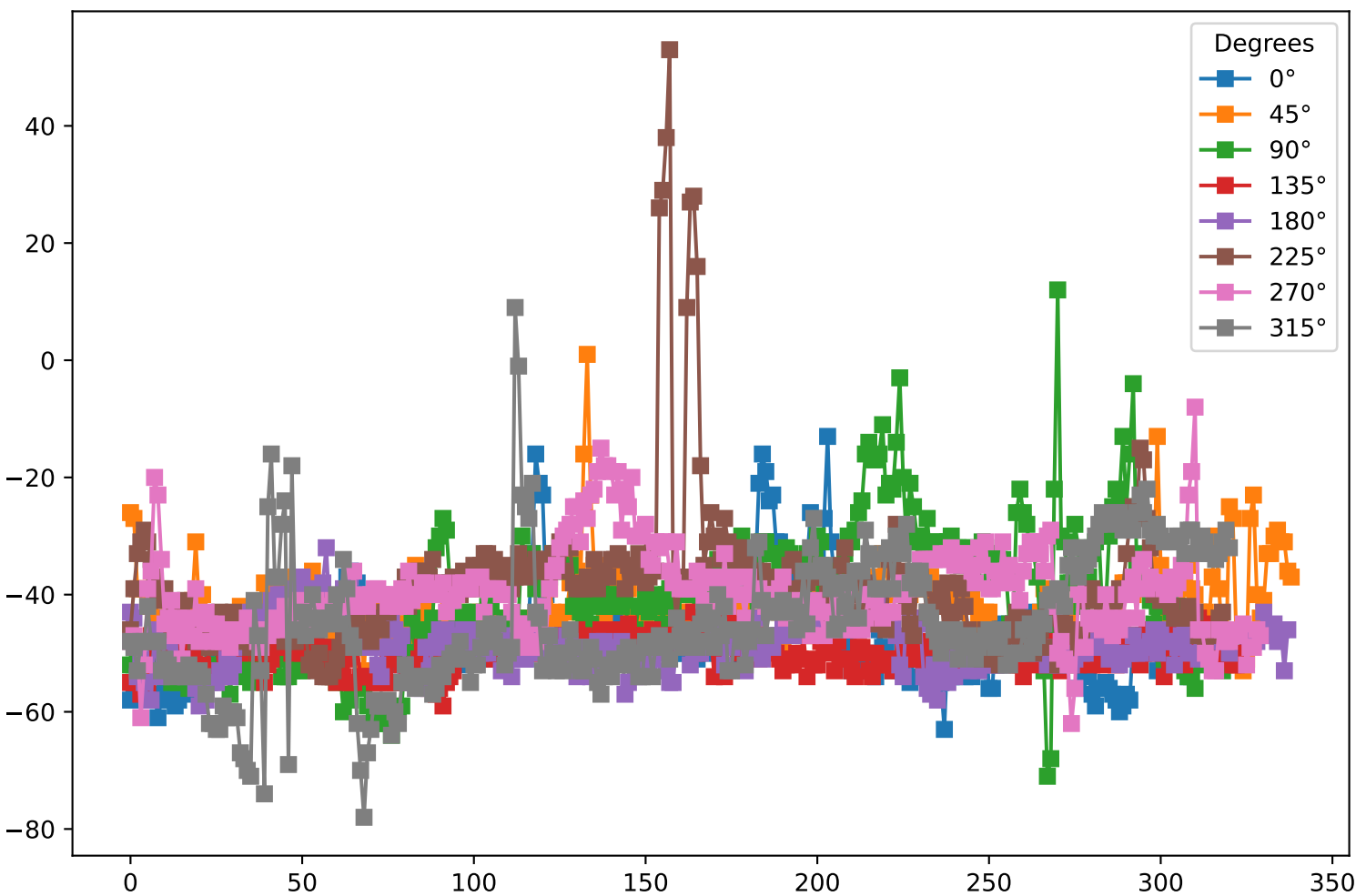
Histogram of Errors



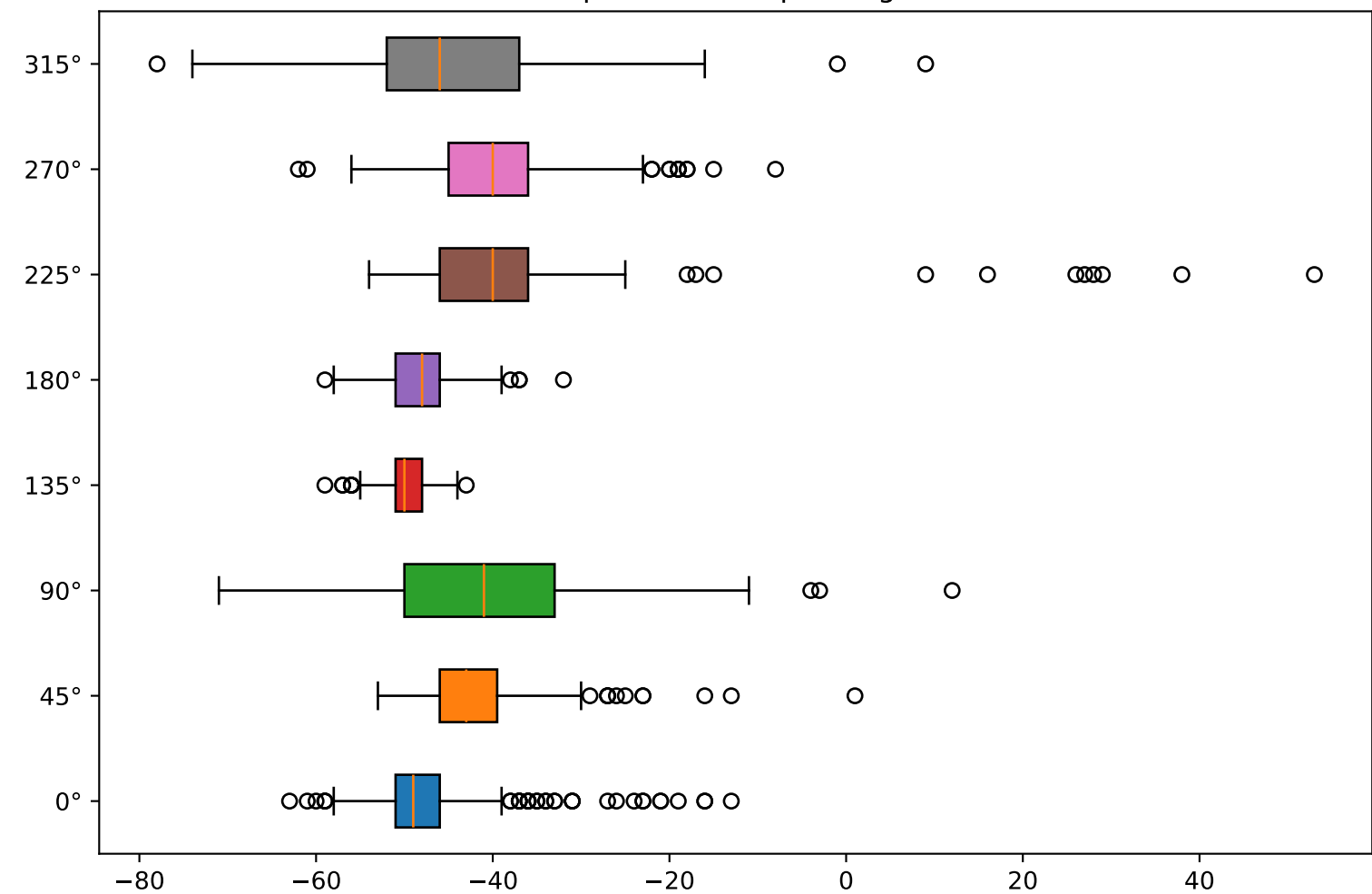
Actual Values vs. Target



Errors



Boxplot of Errors per Degree

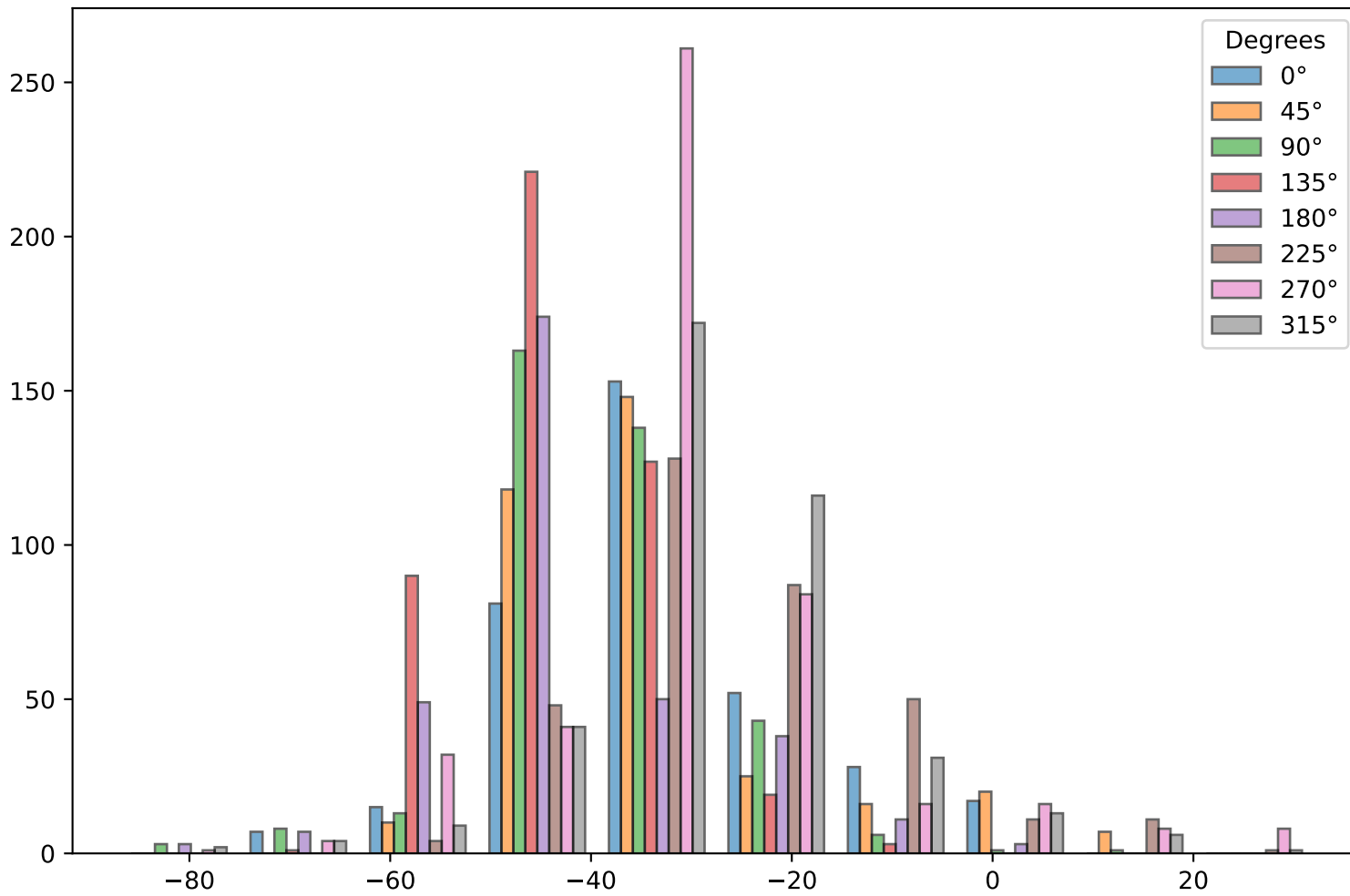


Analysis for Distance=100cm and Angle=180°
Metrics:

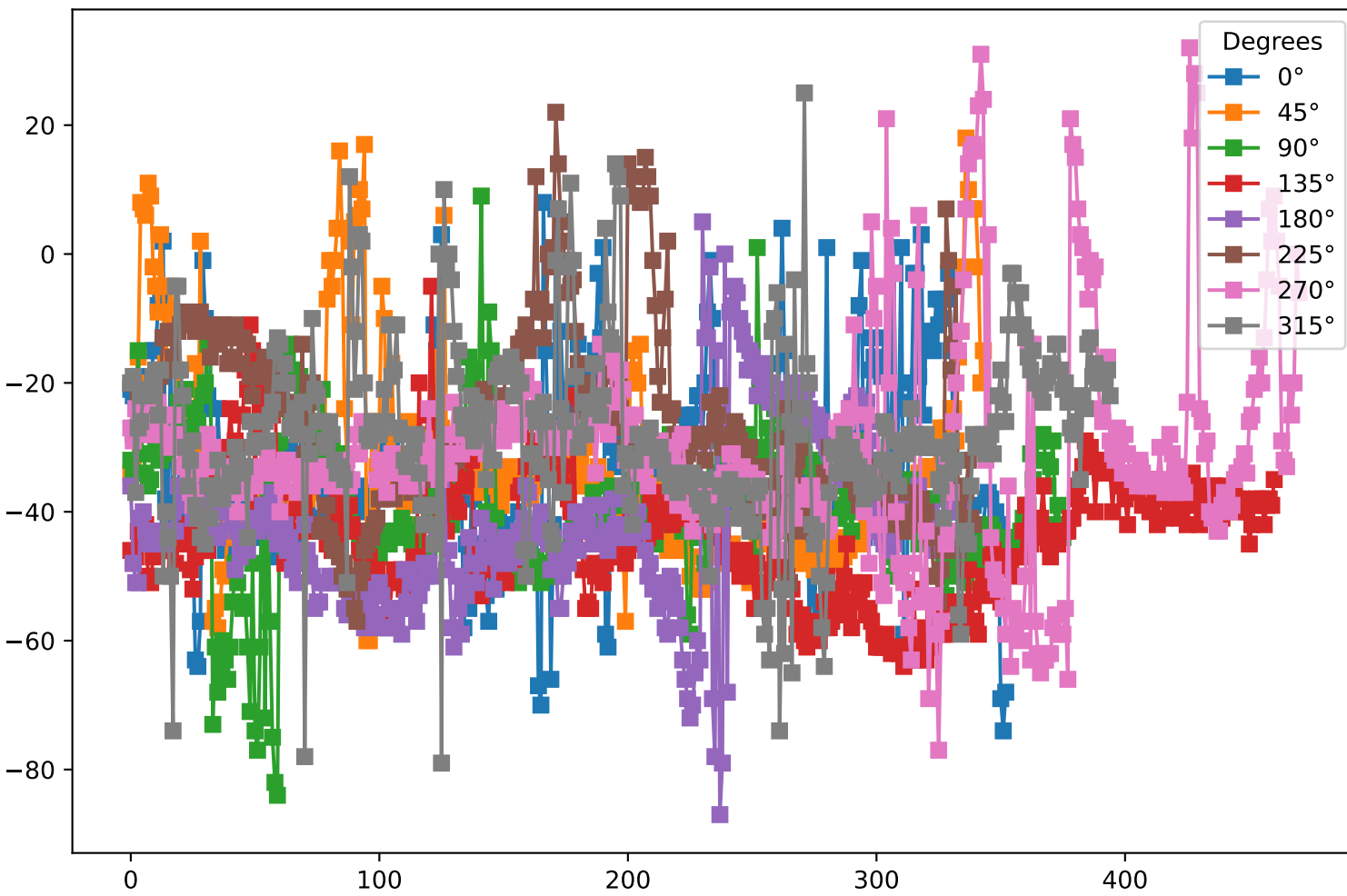
Metric	File 1	File 2	File 3	File 4	File 5	File 6	File 7	File 8
MAE	47.5302	42.1681	41.0063	49.9046	48.3284	40.2696	39.6273	44.5296
MSE	2311.92	1810.88	1808.42	2497.57	2352.89	1667.57	1624.77	2105.25
RMSE	48.0825	42.5545	42.5256	49.9757	48.5066	40.8359	40.3084	45.883
MAPE	47.5302	42.1681	41.0063	49.9046	48.3284	40.2696	39.6273	44.5296
Max Error	63	53	71	59	59	54	62	78
Std Error	7.2669	5.7643	11.5358	2.6637	4.154	12.5716	7.3787	11.285

Analysis of Measurements for Goal: 150 (150cm_0degree)

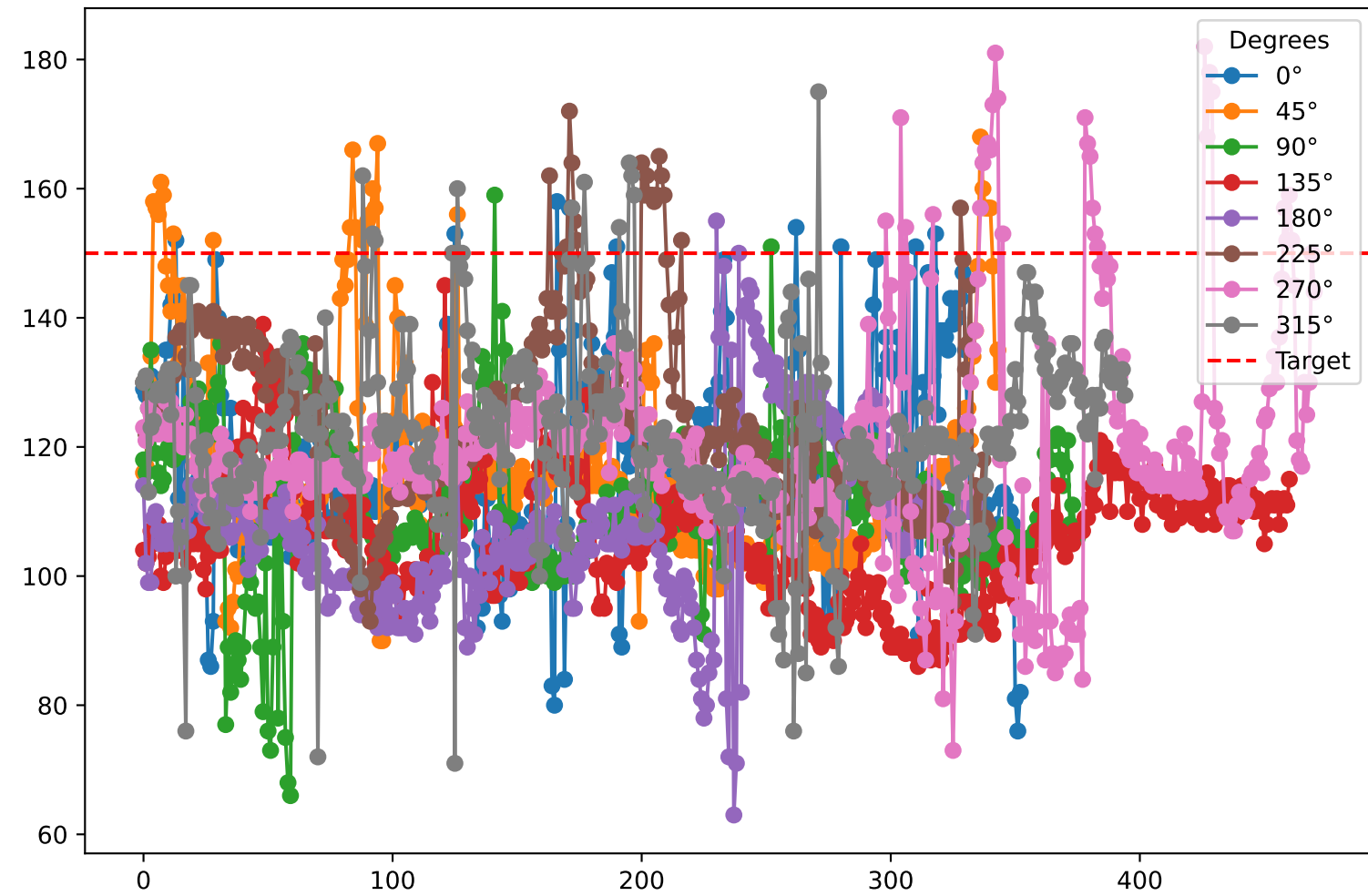
Histogram of Errors



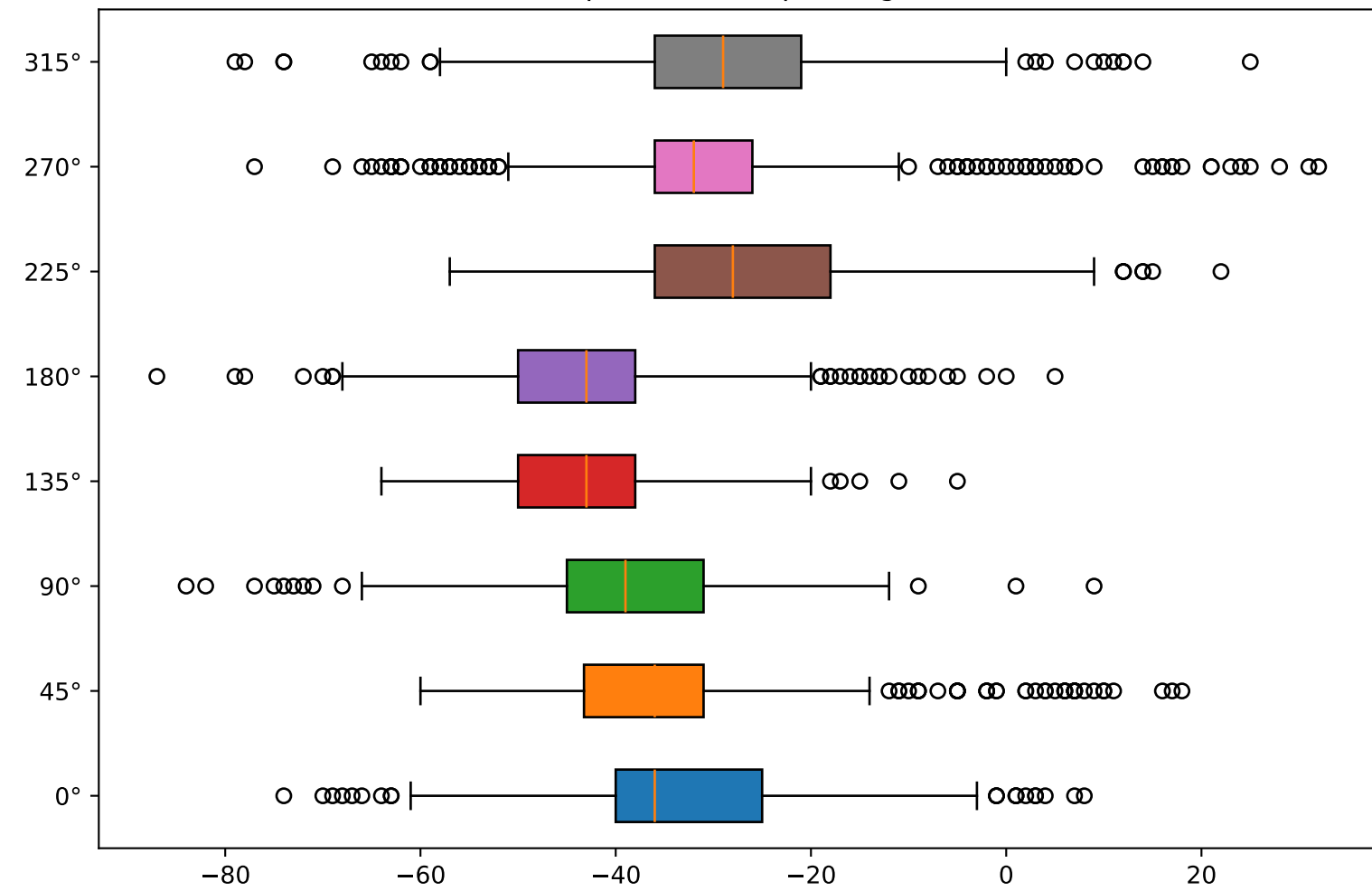
Errors



Actual Values vs. Target



Boxplot of Errors per Degree

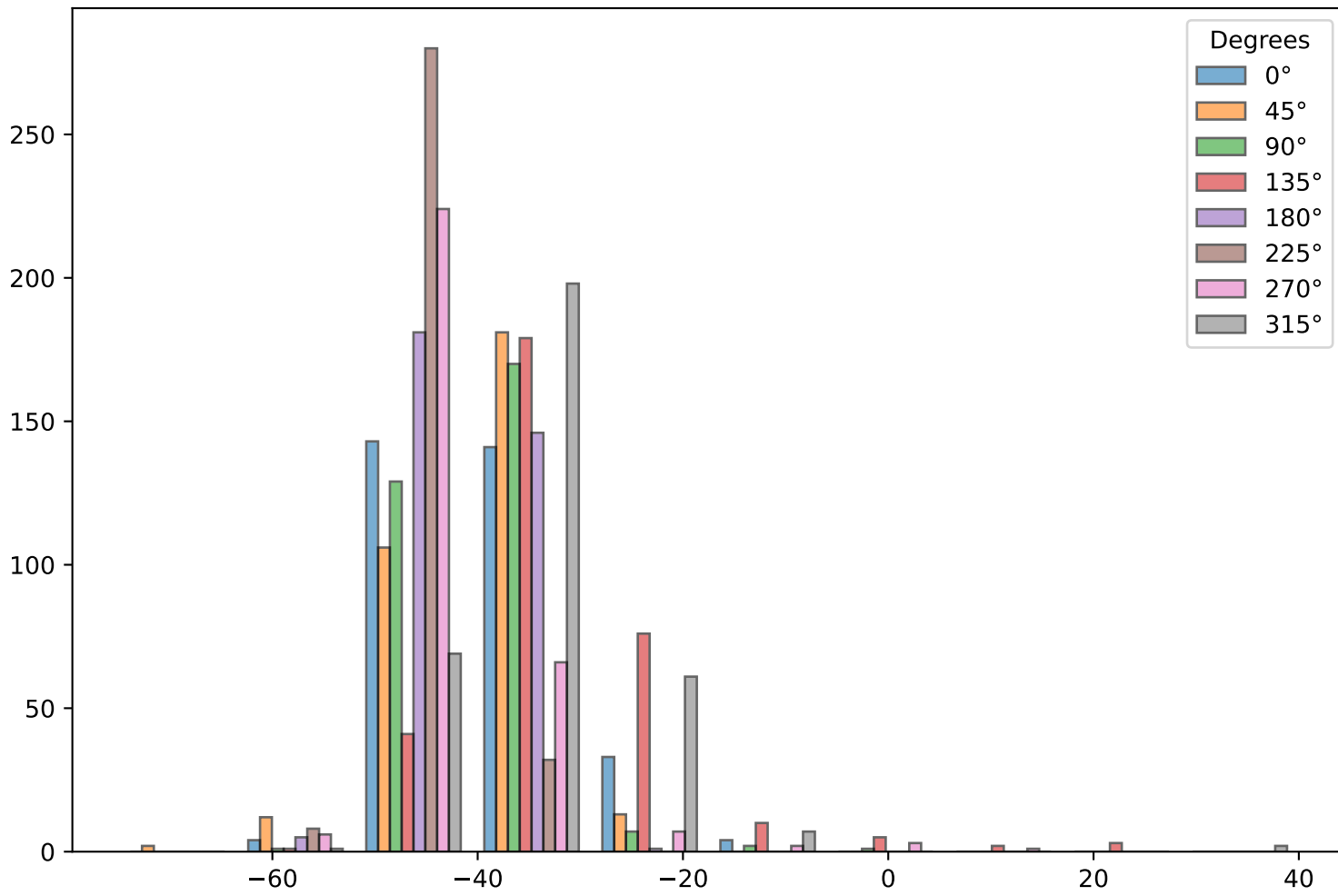


Analysis for Distance=150cm and Angle=0°
Metrics:

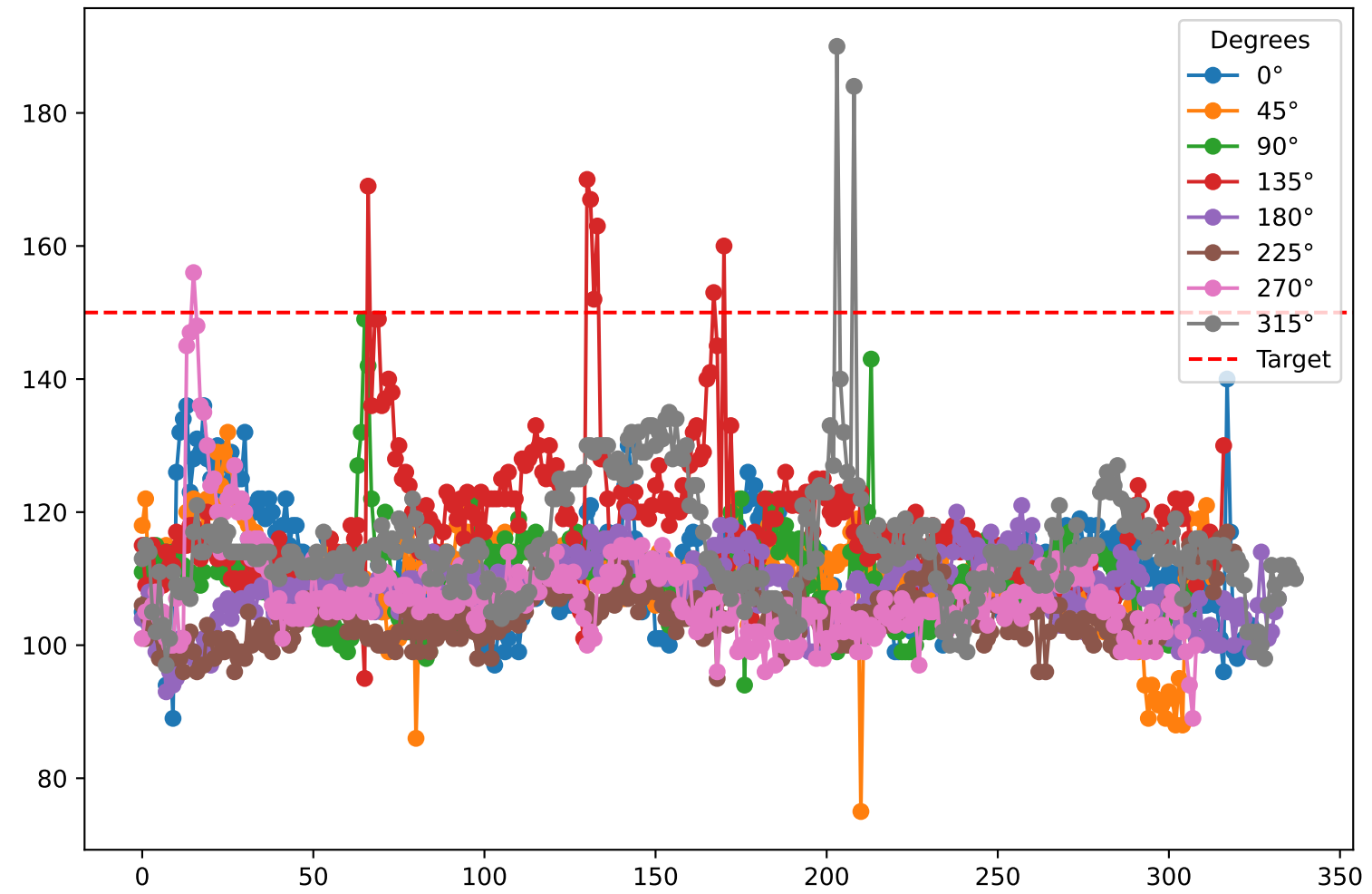
Metric	File 1	File 2	File 3	File 4	File 5	File 6	File 7	File 8
MAE	32.949	34.5698	38.7181	43.6703	41.9522	27.0029	32.138	28.7468
MSE	1263.11	1357.99	1629.26	1995.89	1927.39	875.391	1176.82	981.035
RMSE	35.5403	36.8509	40.3641	44.6754	43.9021	29.587	34.3048	31.3215
MAPE	21.966	23.0465	25.8121	29.1135	27.9682	18.002	21.4253	19.1646
Max Error	74	60	84	64	87	57	77	79
Std Error	13.7349	15.2006	11.5882	9.423	13.0347	14.126	15.6053	13.6412

Analysis of Measurements for Goal: 150 (150cm_45degree)

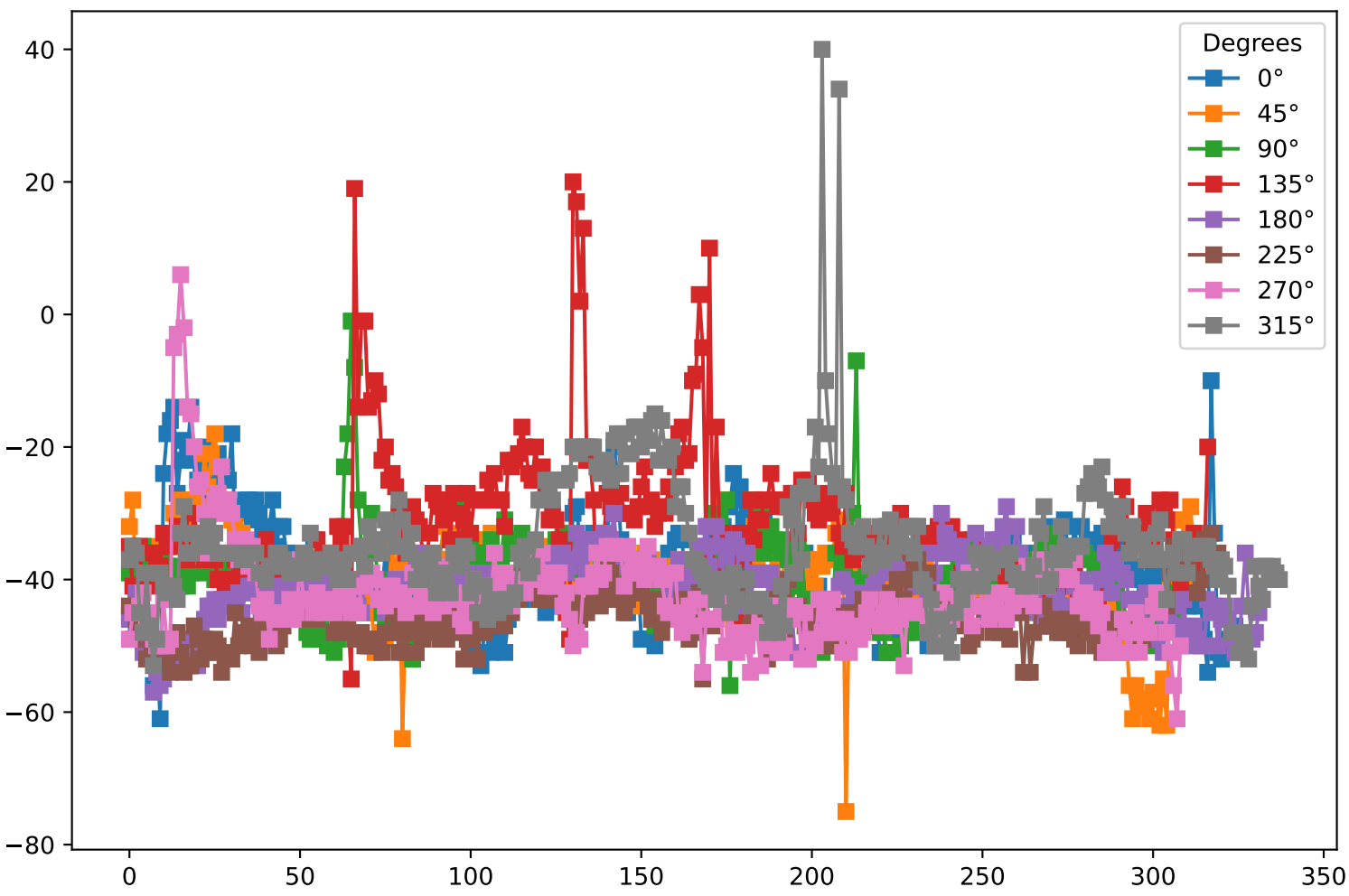
Histogram of Errors



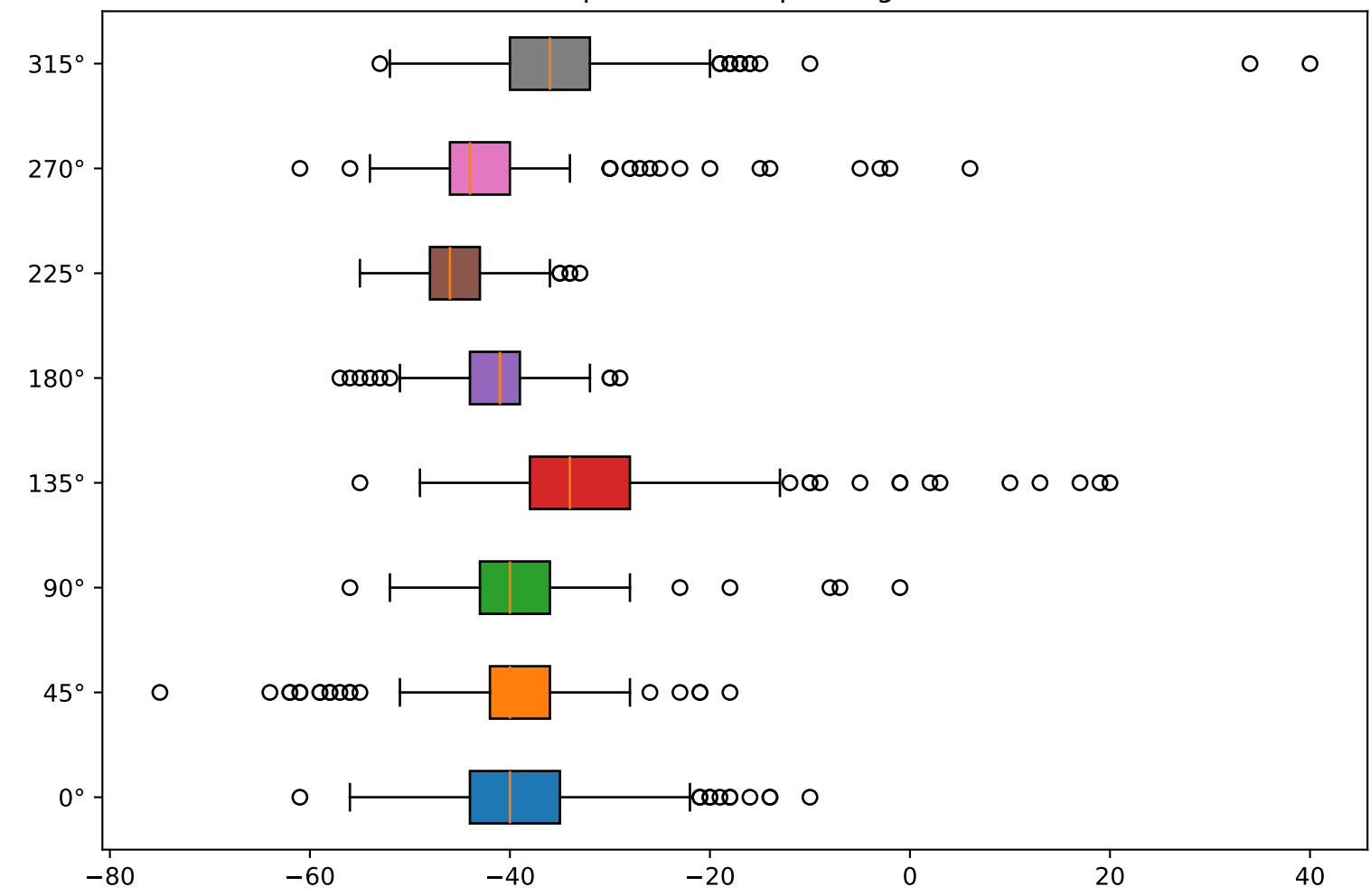
Actual Values vs. Target



Errors



Boxplot of Errors per Degree

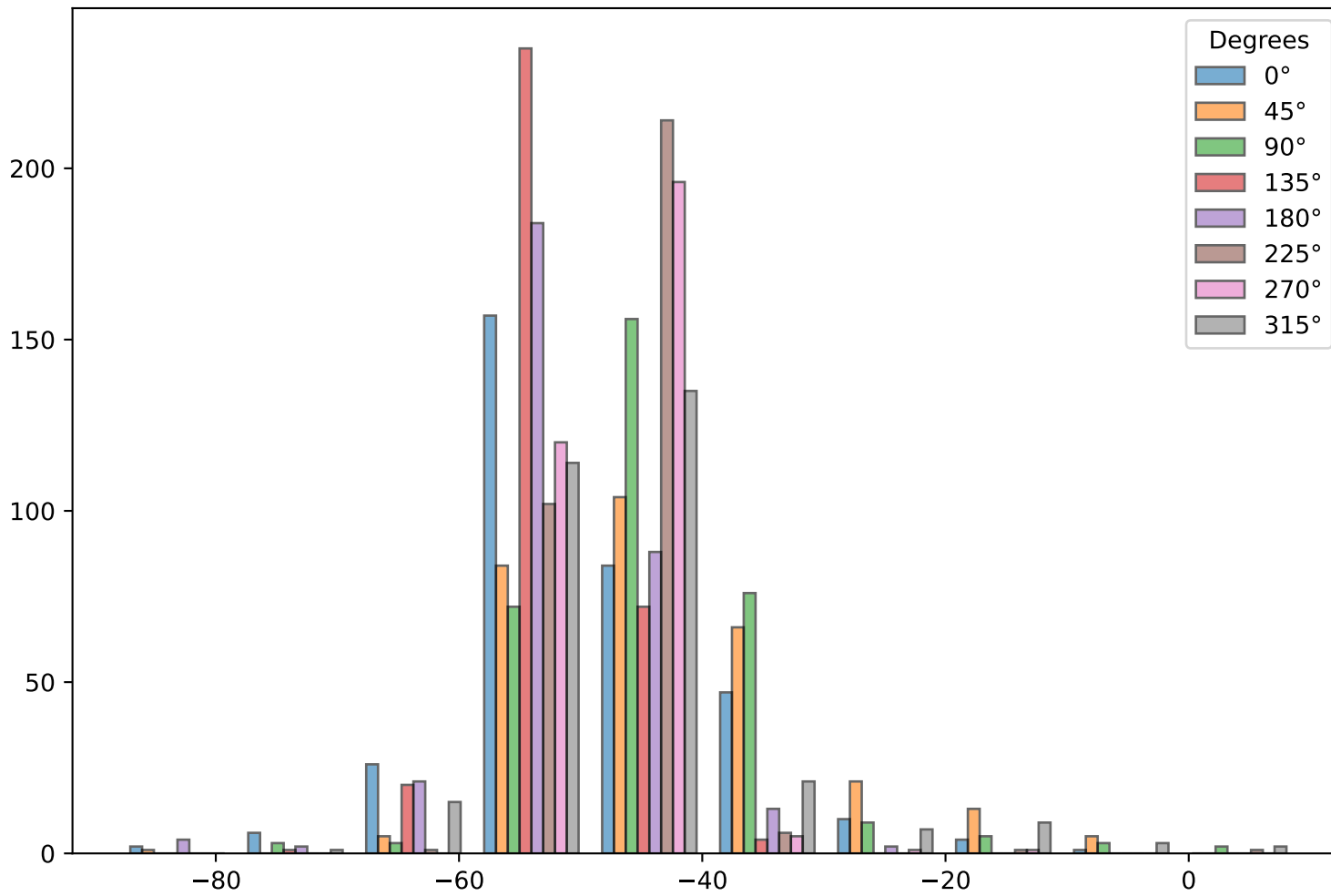


Analysis for Distance=150cm and Angle=45°
Metrics:

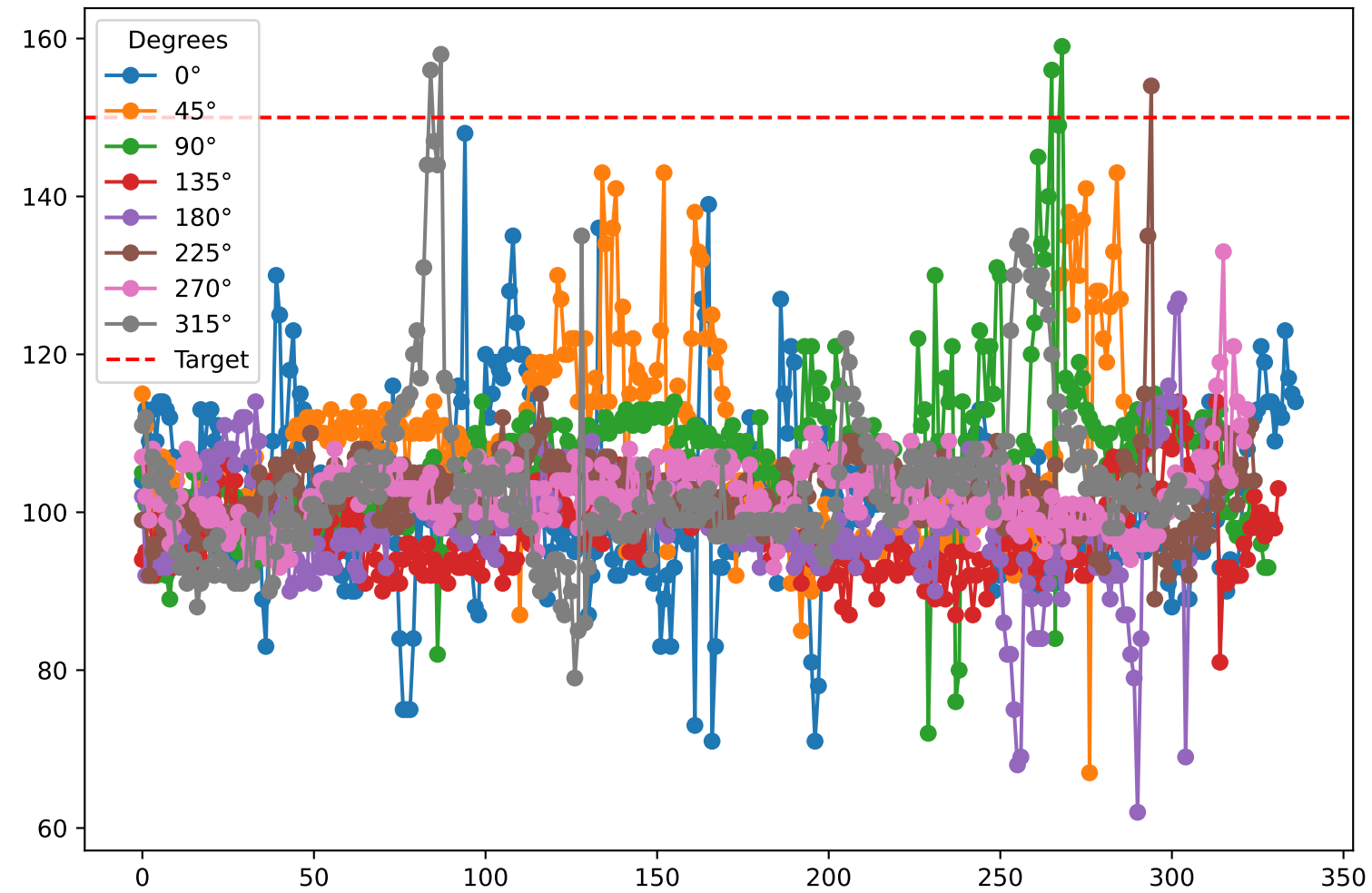
Metric	File 1	File 2	File 3	File 4	File 5	File 6	File 7	File 8
MAE	38.7631	39.7166	39.8613	32.3628	41.5856	45.5688	42.5016	35.3284
MSE	1561.85	1620.61	1629.01	1113.98	1752.35	2091.57	1858.49	1305.23
RMSE	39.5202	40.2569	40.361	33.3764	41.8611	45.7337	43.1102	36.1279
MAPE	25.8421	26.4777	26.5742	21.5752	27.7237	30.3792	28.3344	23.5523
Max Error	61	75	56	55	57	55	61	53
Std Error	7.6987	6.5734	6.3314	10.0328	4.7951	3.8812	7.4432	9.3744

Analysis of Measurements for Goal: 150 (150cm_90degree)

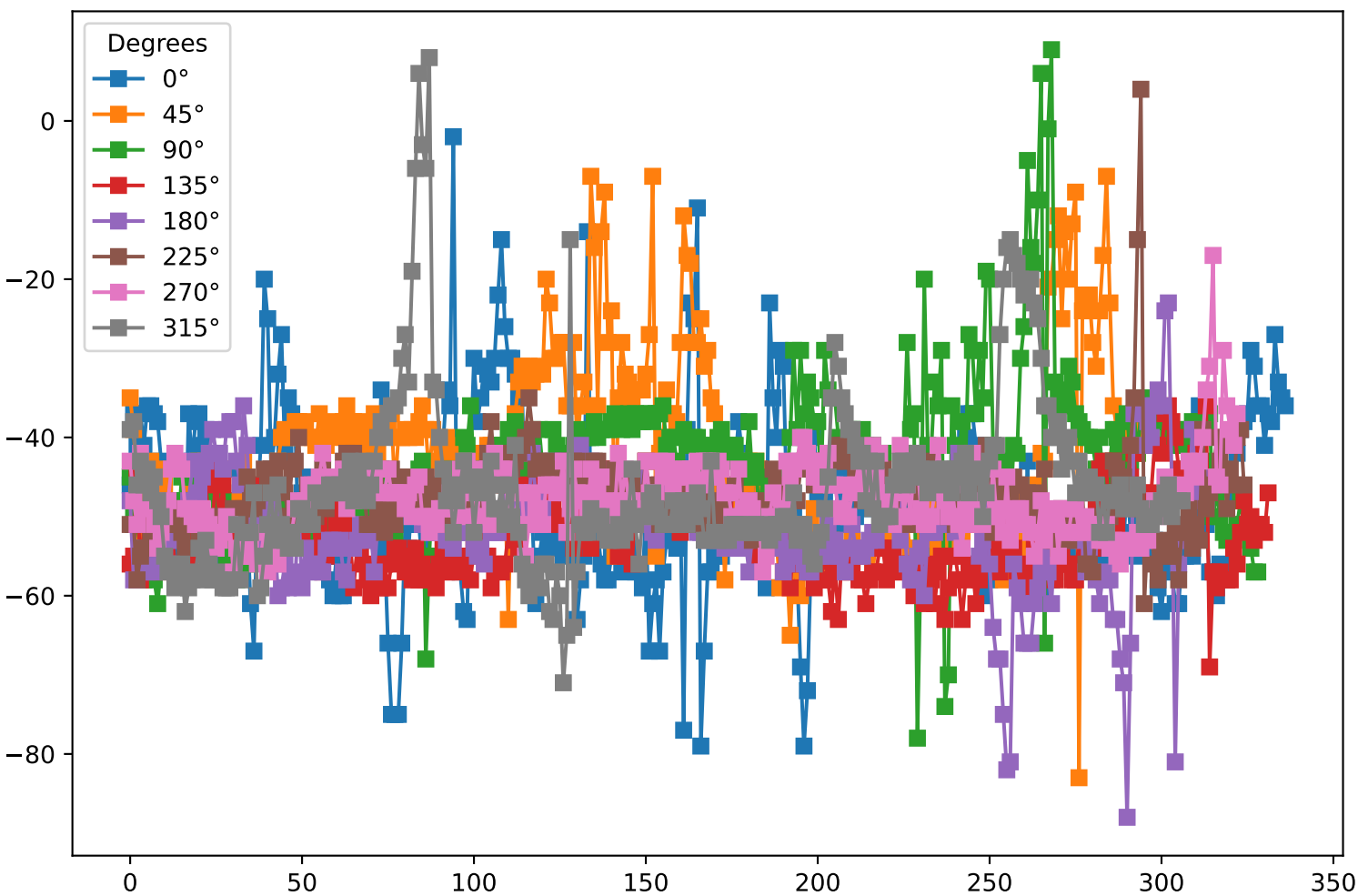
Histogram of Errors



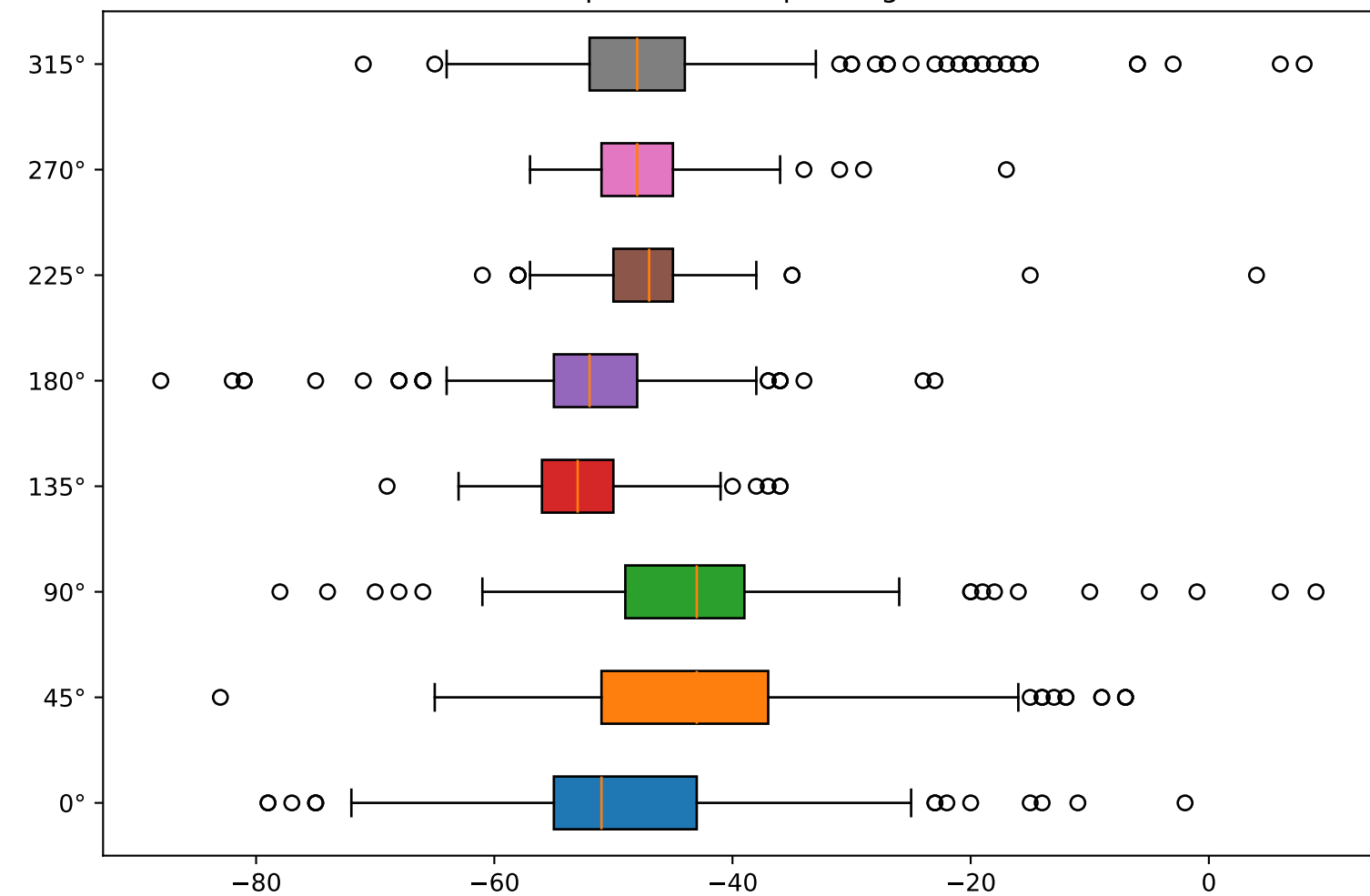
Actual Values vs. Target



Errors



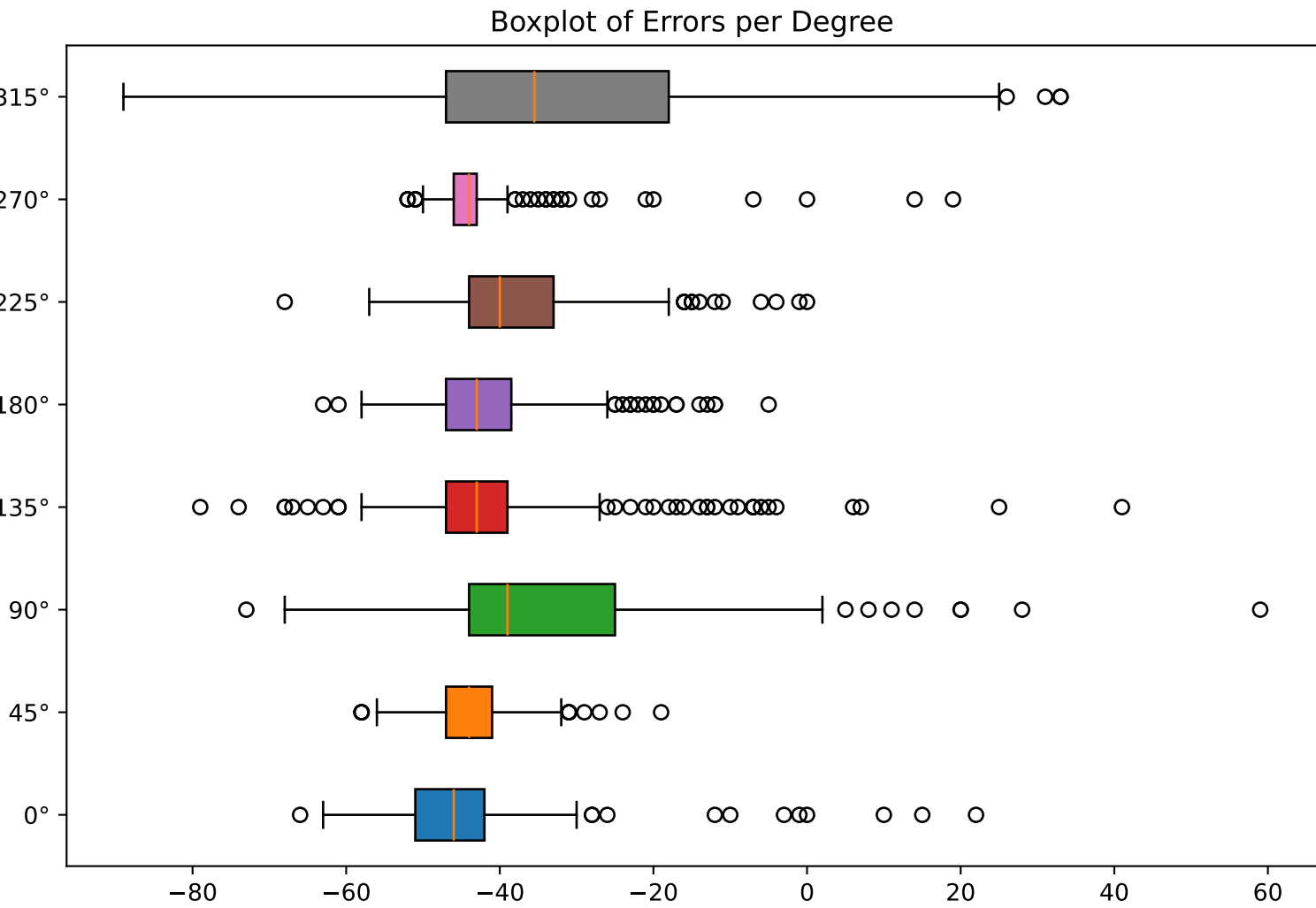
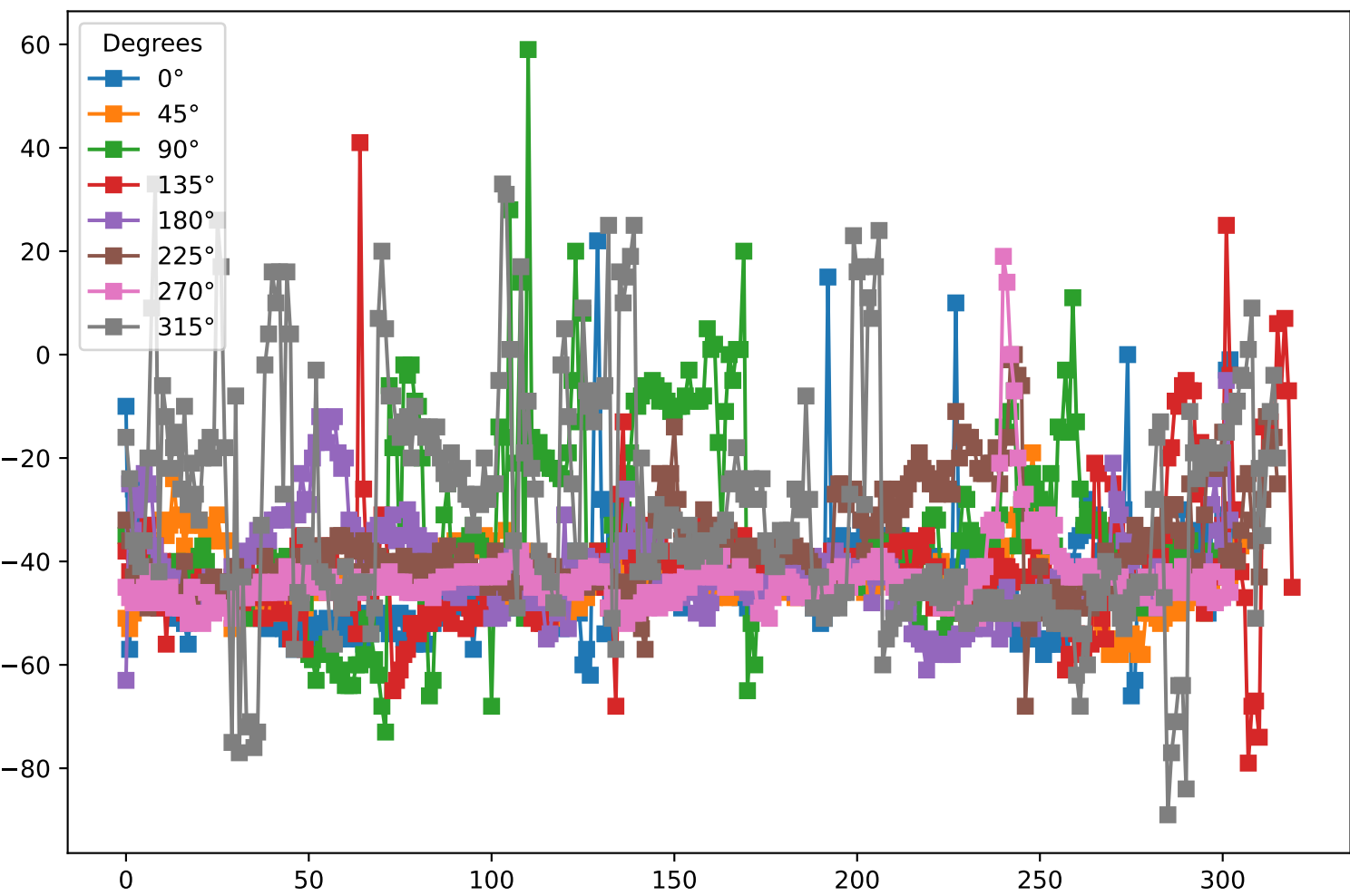
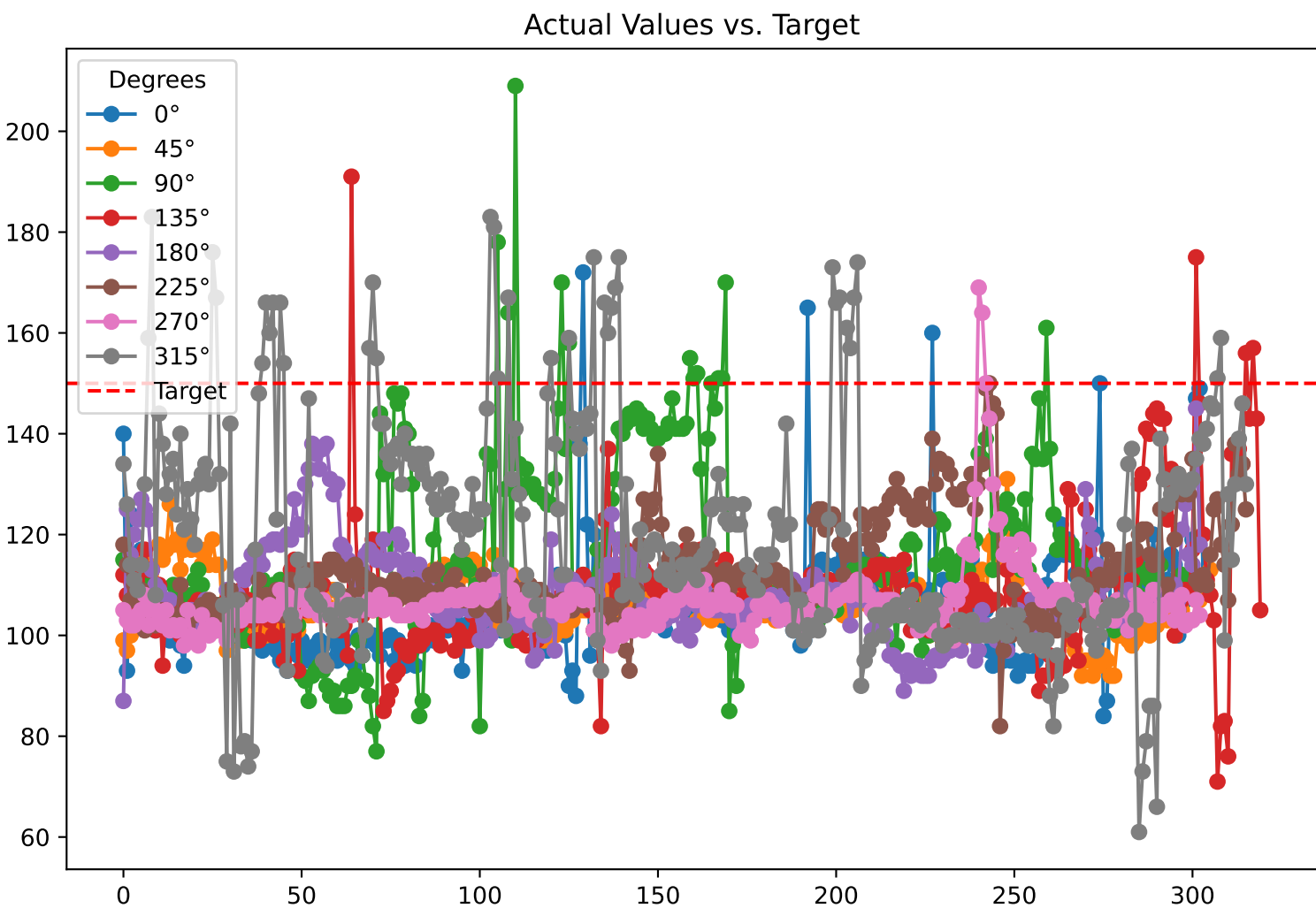
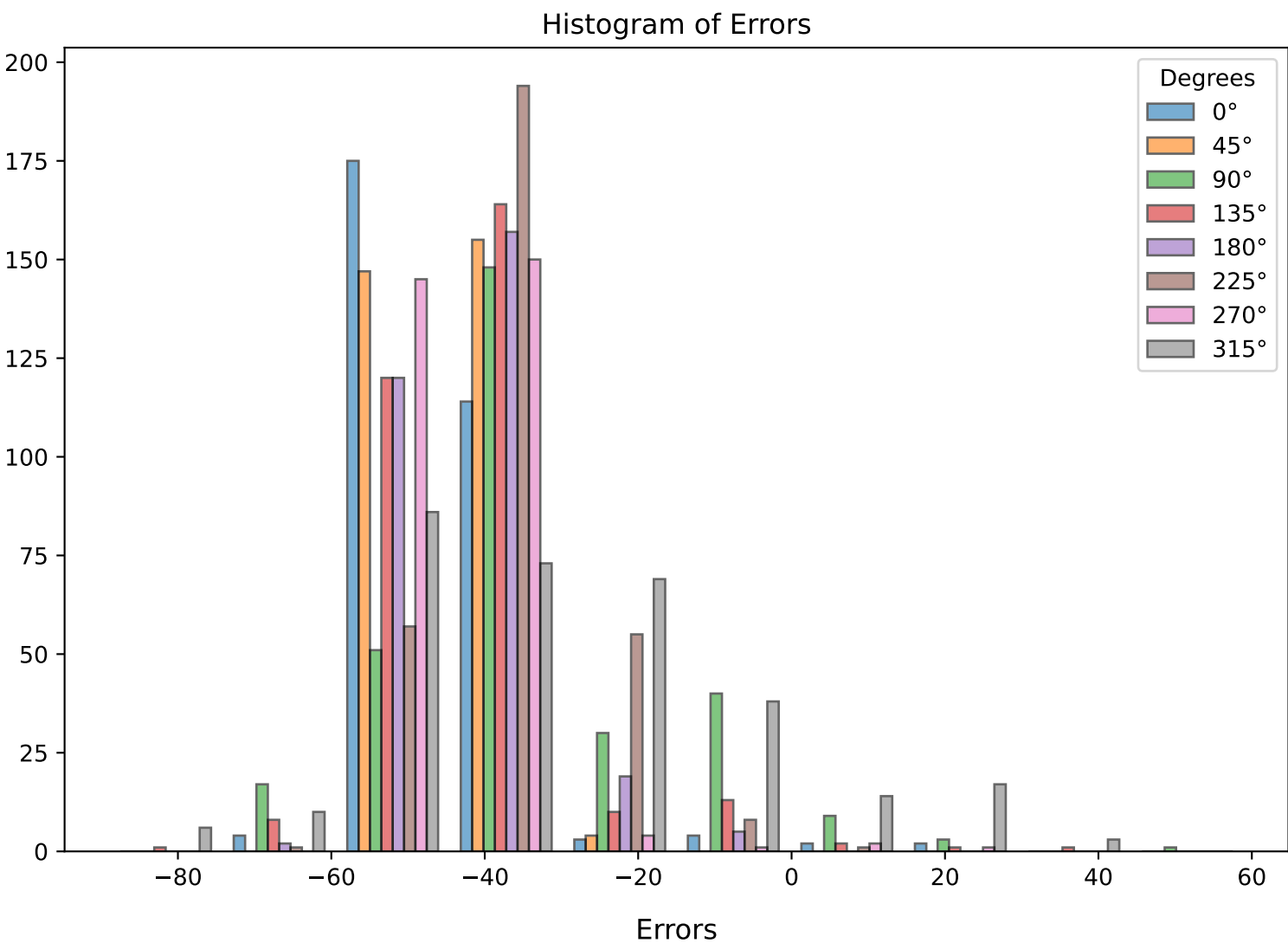
Boxplot of Errors per Degree



Analysis for Distance=150cm and Angle=90°
Metrics:

Metric	File 1	File 2	File 3	File 4	File 5	File 6	File 7	File 8
MAE	48.822	42.1839	43.31	52.6627	51.5669	47.2123	47.7864	46.4332
MSE	2496.28	1911.14	1958.76	2796.9	2712.35	2252.86	2303.48	2258.64
RMSE	49.9628	43.7166	44.2578	52.8858	52.0802	47.4643	47.9946	47.5252
MAPE	32.548	28.1226	28.8734	35.1084	34.3779	31.4749	31.8576	30.9555
Max Error	79	83	78	69	88	61	57	71
Std Error	10.6159	11.4741	9.5335	4.8527	7.2943	5.117	4.466	10.5384

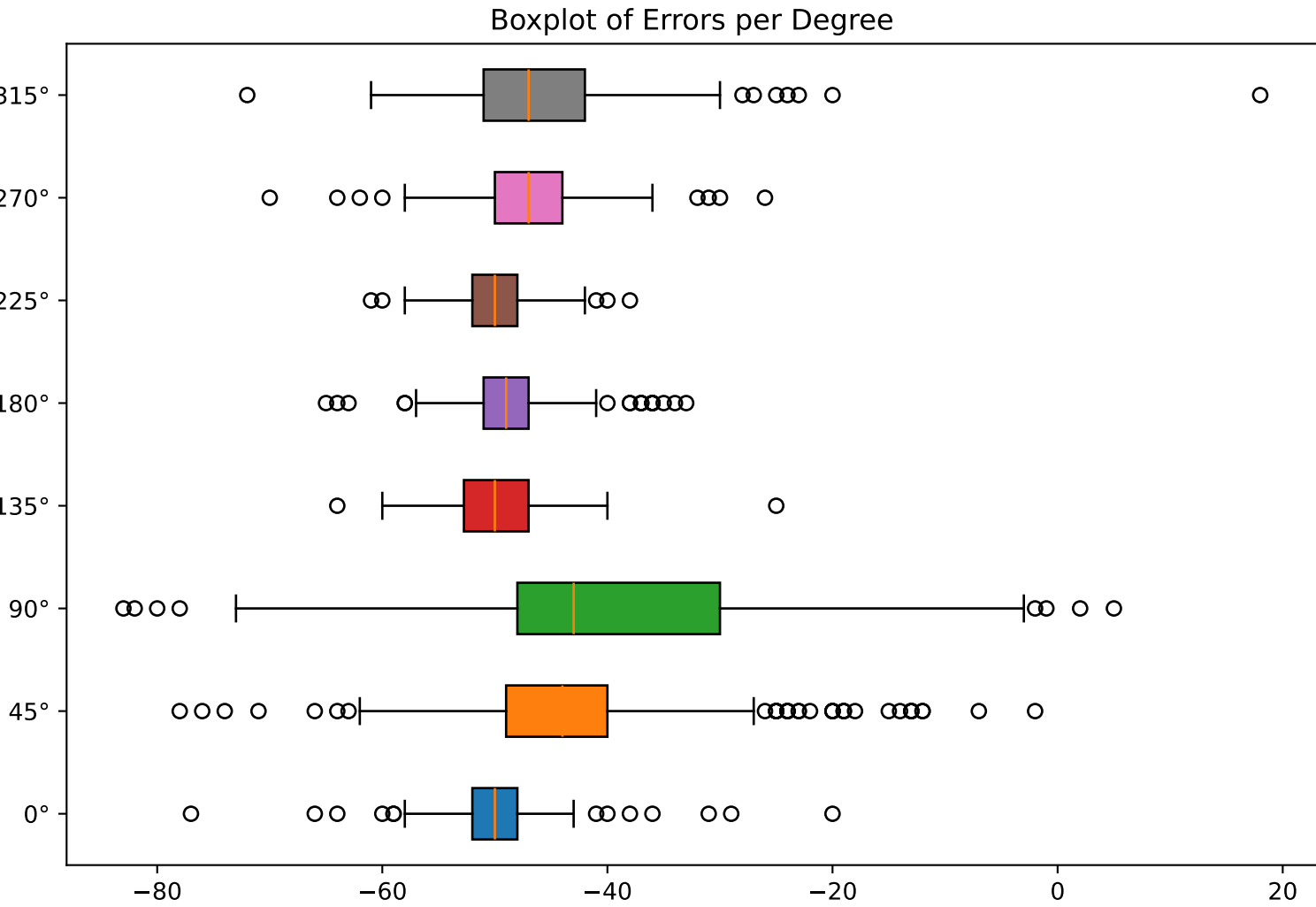
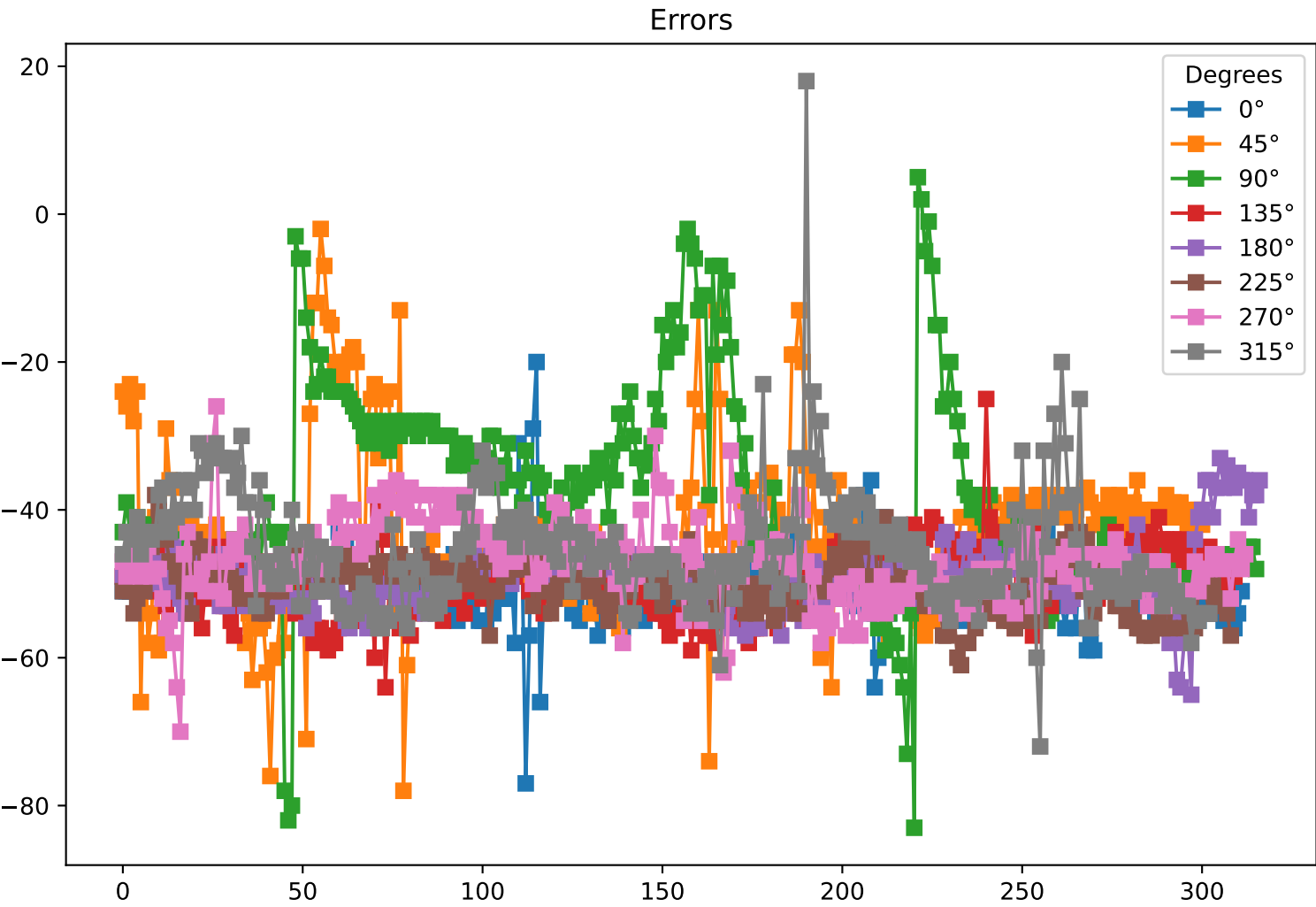
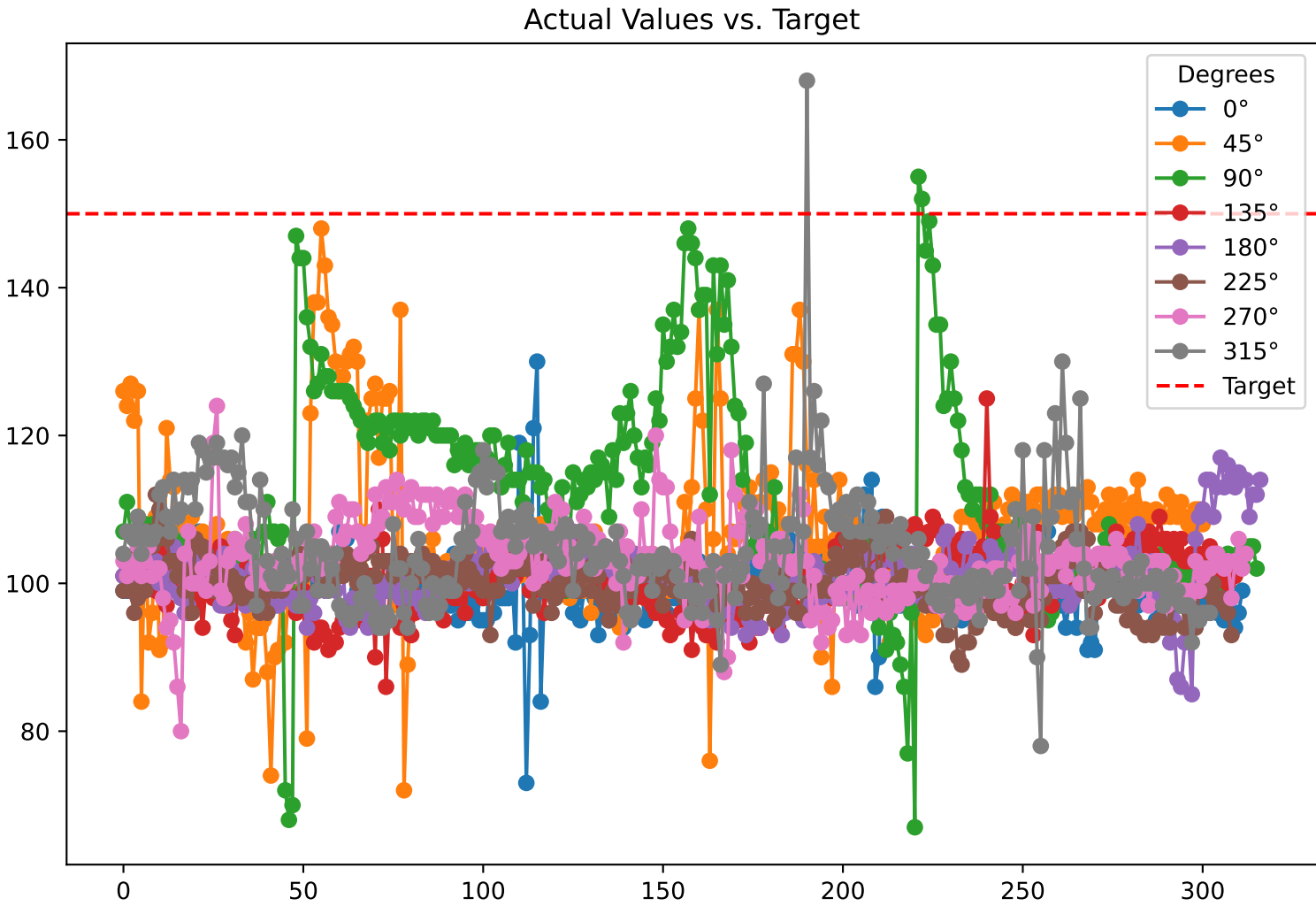
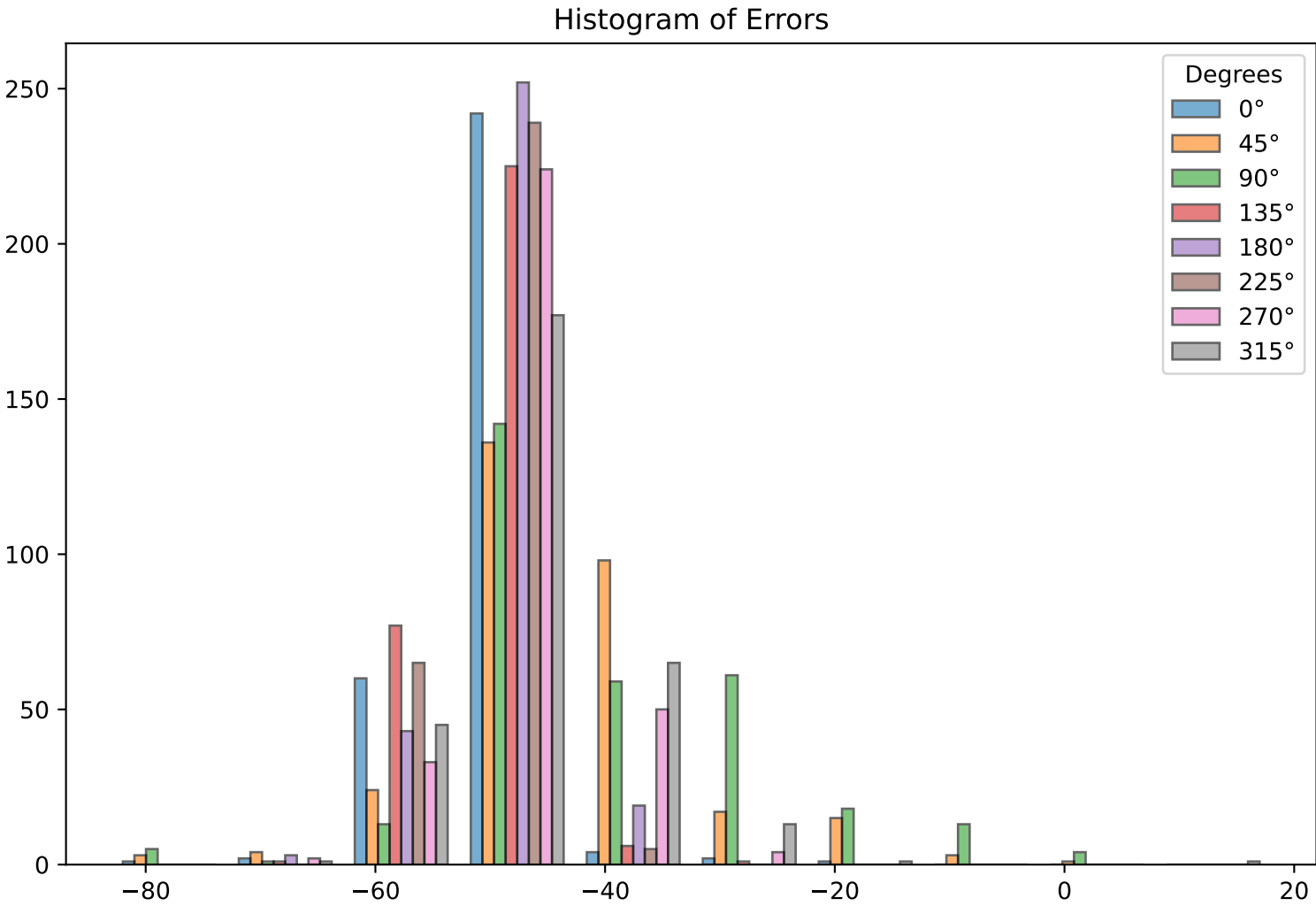
Analysis of Measurements for Goal: 150 (150cm_135degree)



Analysis for Distance=150cm and Angle=135°
Metrics:

Metric	File 1	File 2	File 3	File 4	File 5	File 6	File 7	File 8
MAE	44.8092	43.8072	35.3344	41.9969	41.7228	37.1677	43.5347	33.6519
MSE	2088.34	1949.77	1492.67	1879.34	1816.74	1472.82	1927.86	1429.89
RMSE	45.6983	44.1563	38.6351	43.3514	42.6232	38.3773	43.9074	37.8139
MAPE	29.8728	29.2048	23.5563	27.9979	27.8152	24.7785	29.0231	22.4346
Max Error	66	58	73	79	63	68	52	89
Std Error	10.3964	5.5412	17.9782	12.5232	8.7149	9.5593	7.1771	22.4902

Analysis of Measurements for Goal: 150 (150cm_180degree)

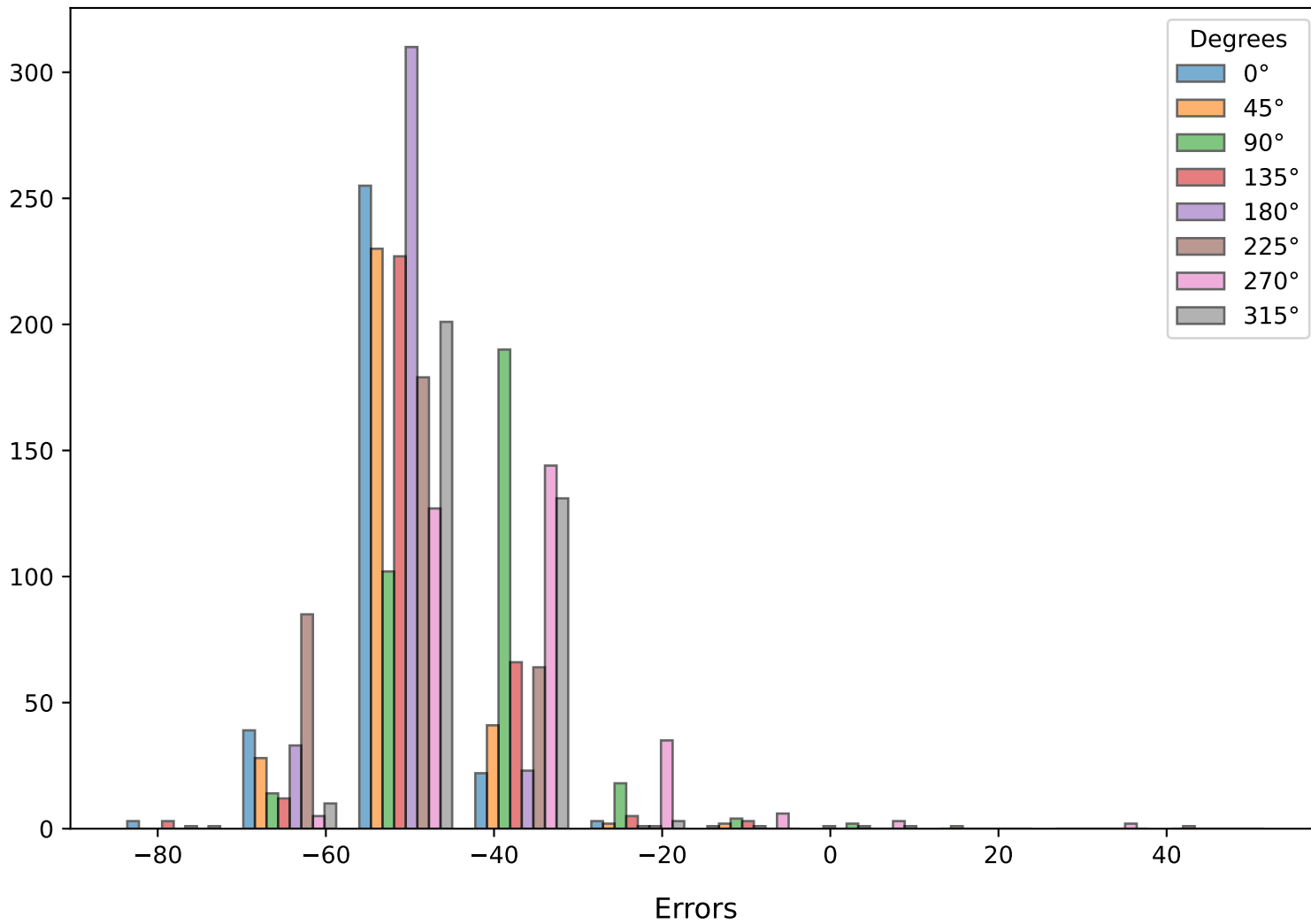


Analysis for Distance=150cm and Angle=180°
Metrics:

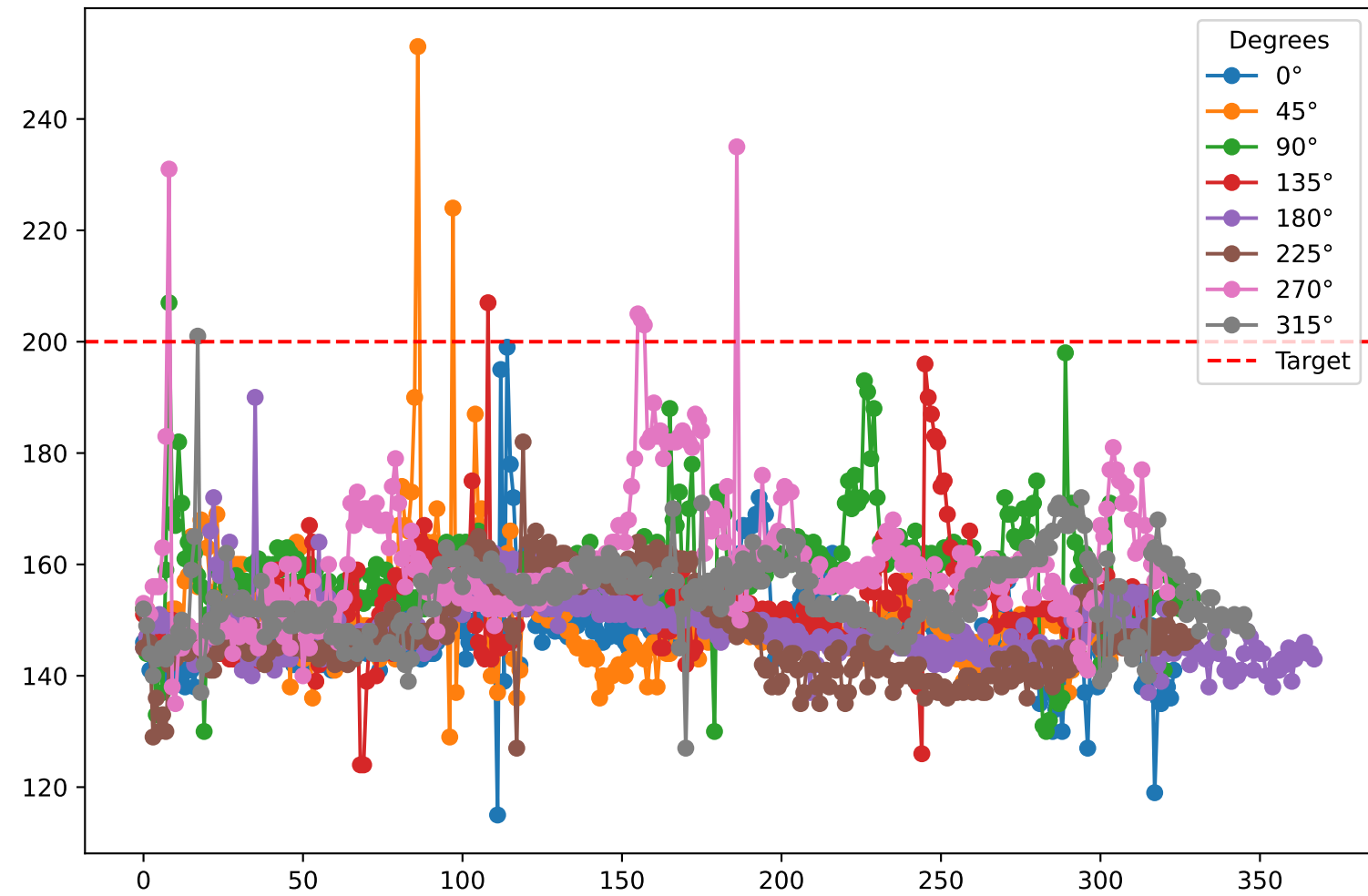
Metric	File 1	File 2	File 3	File 4	File 5	File 6	File 7	File 8
MAE	49.7724	42.9435	38.5981	49.6903	48.9621	49.9871	46.8946	45.6139
MSE	2497.73	1962.13	1674	2488.01	2416.61	2510.43	2226.74	2132.4
RMSE	49.9773	44.296	40.9146	49.88	49.159	50.1042	47.1884	46.1779
MAPE	33.1816	28.629	25.7321	33.1269	32.6414	33.3247	31.263	30.4092
Max Error	77	78	83	64	65	61	70	72
Std Error	4.5209	10.8622	13.697	4.3457	4.3951	3.4246	5.2574	7.912

Analysis of Measurements for Goal: 200 (200cm_0degree)

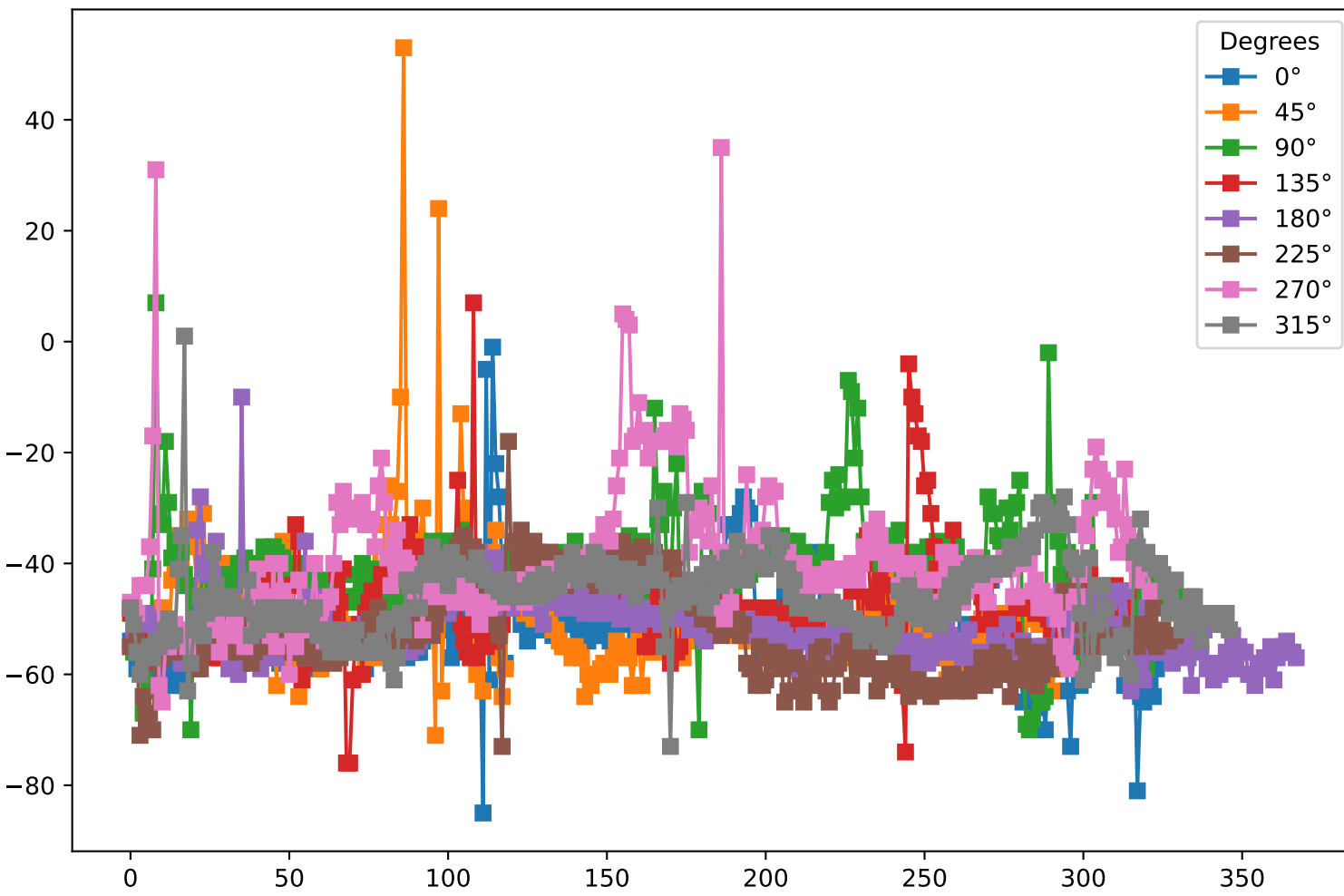
Histogram of Errors



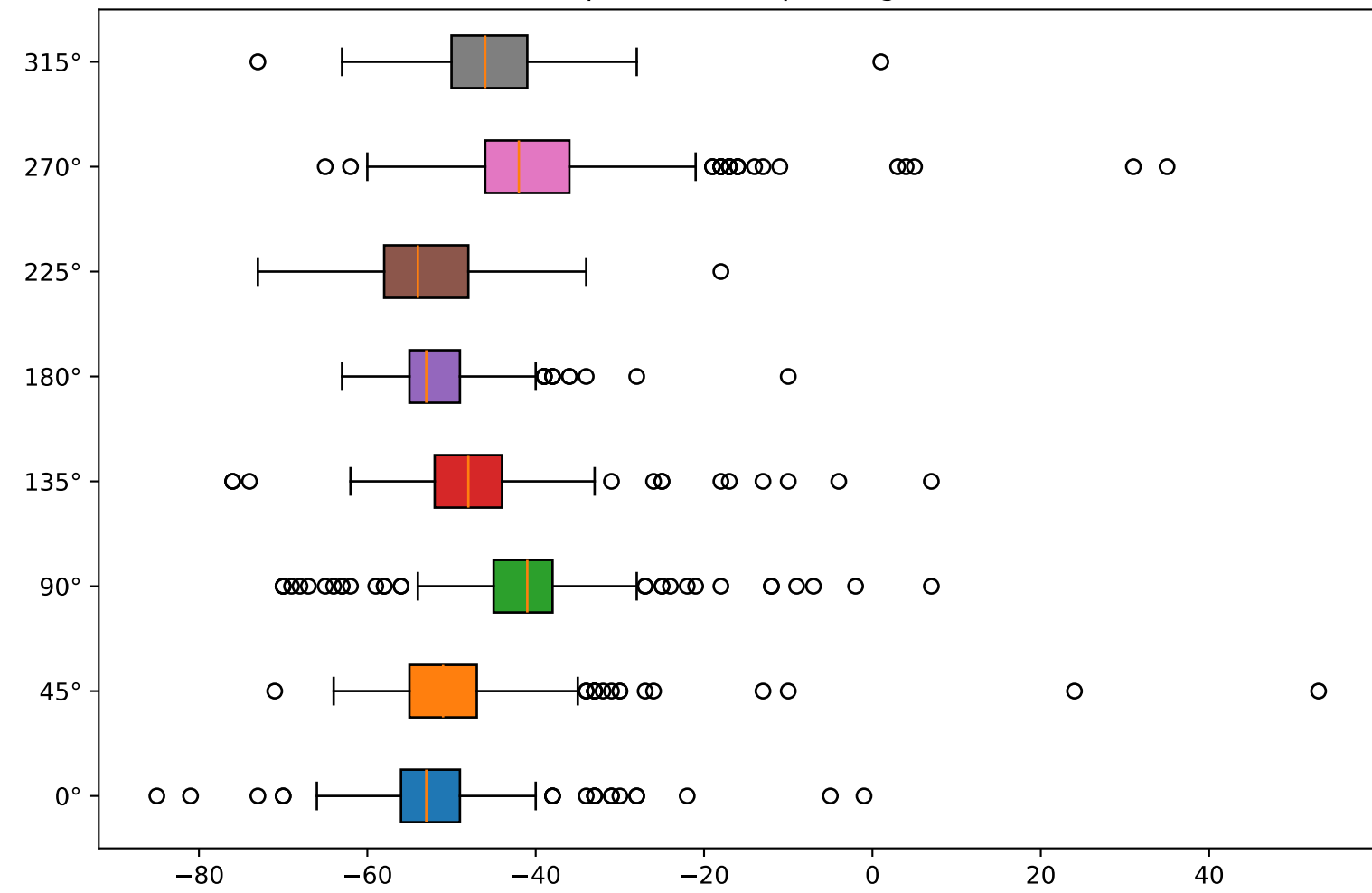
Actual Values vs. Target



Errors



Boxplot of Errors per Degree

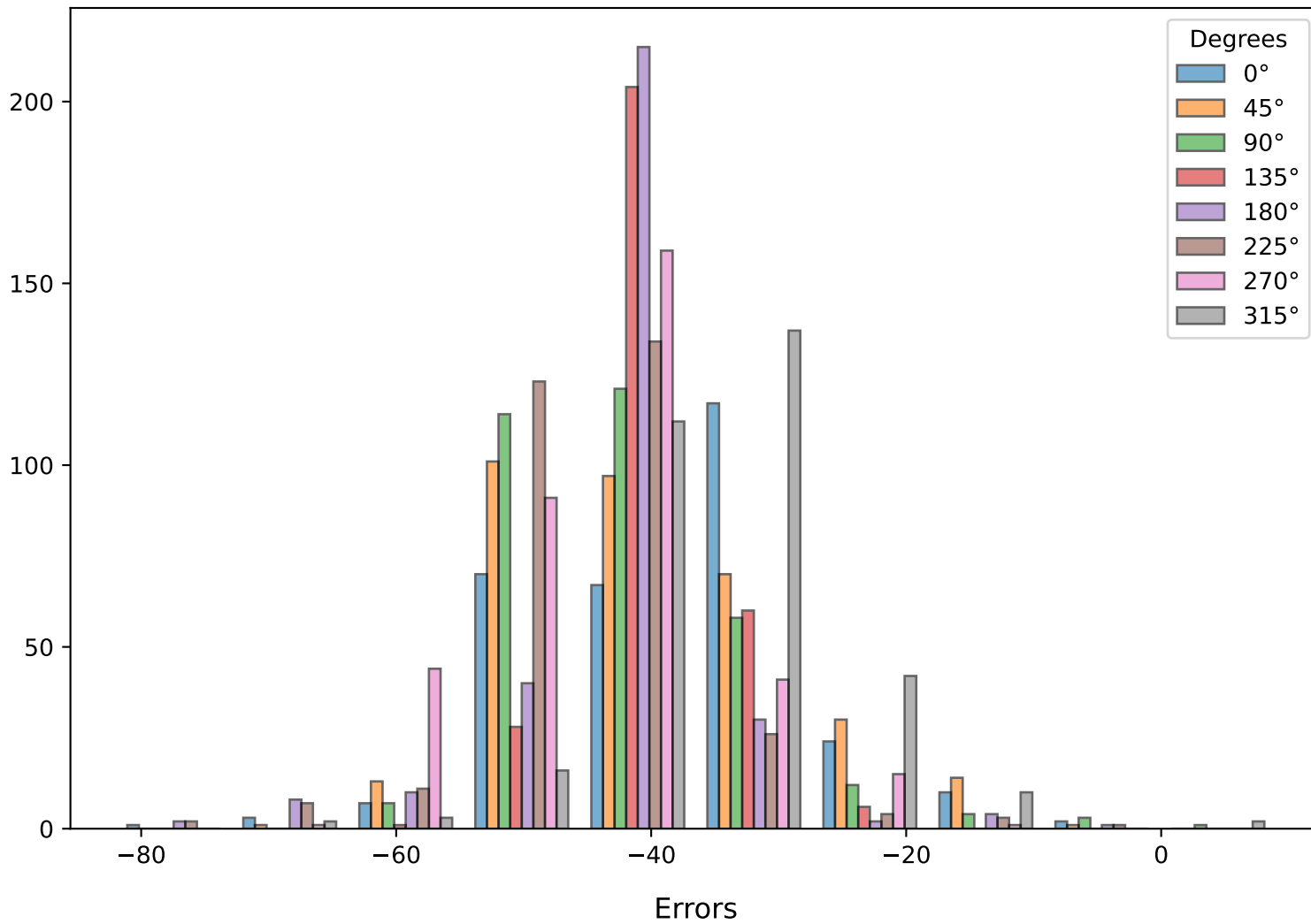


Analysis for Distance=200cm and Angle=0°
Metrics:

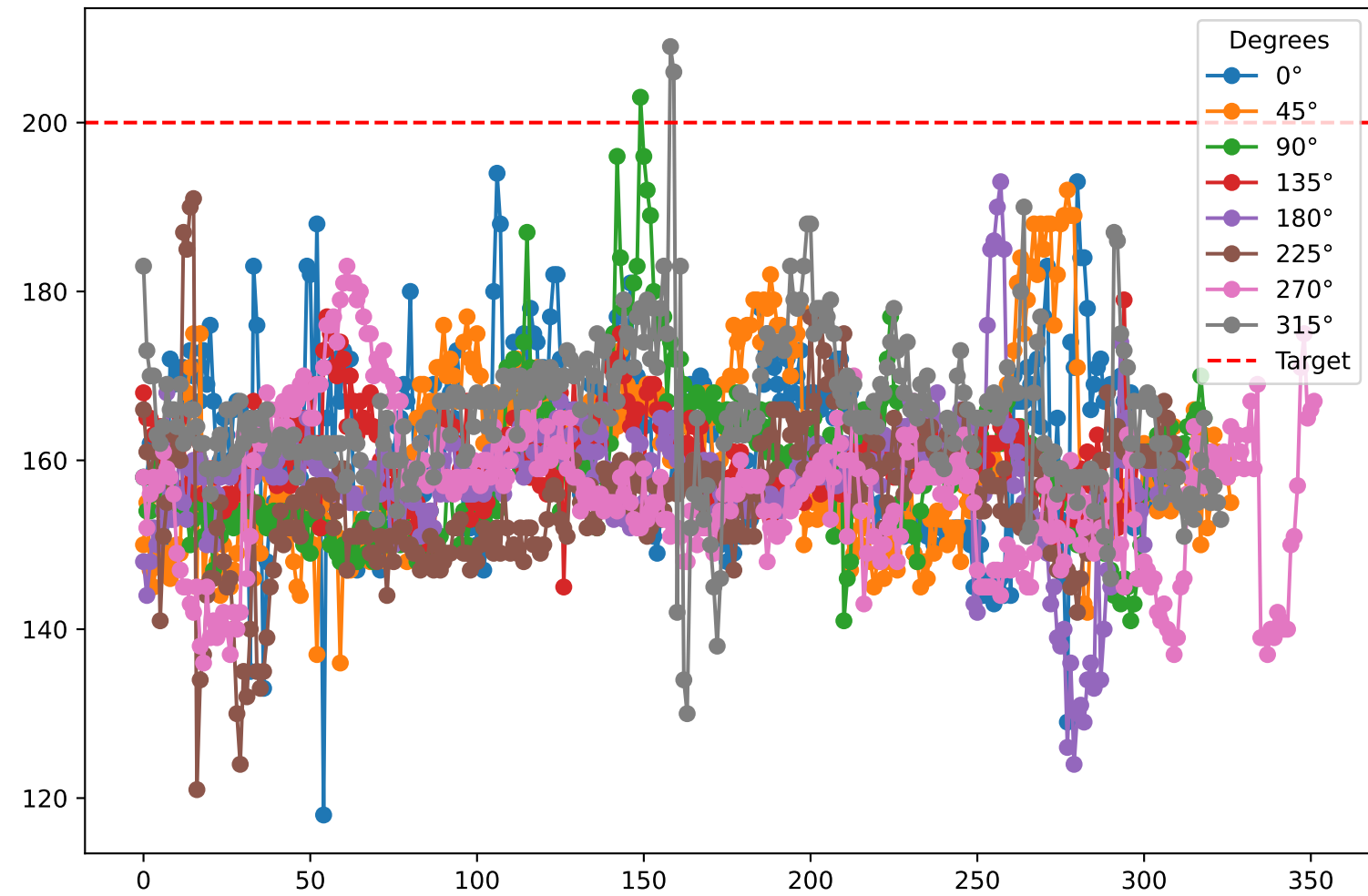
Metric	File 1	File 2	File 3	File 4	File 5	File 6	File 7	File 8
MAE	52.0432	49.9016	41.2182	47.2555	51.7799	52.3788	40.1398	45.8012
MSE	2771.01	2550.73	1774.08	2298.93	2711.75	2808.75	1713.9	2147.17
RMSE	52.6403	50.5048	42.1198	47.9471	52.0745	52.9977	41.3993	46.3375
MAPE	26.0216	24.9508	20.6091	23.6278	25.8899	26.1894	20.0699	22.9006
Max Error	85	71	70	76	63	73	65	73
Std Error	7.9064	10.5213	8.8677	8.3675	5.5313	8.0757	11.8896	7.0675

Analysis of Measurements for Goal: 200 (200cm_45degree)

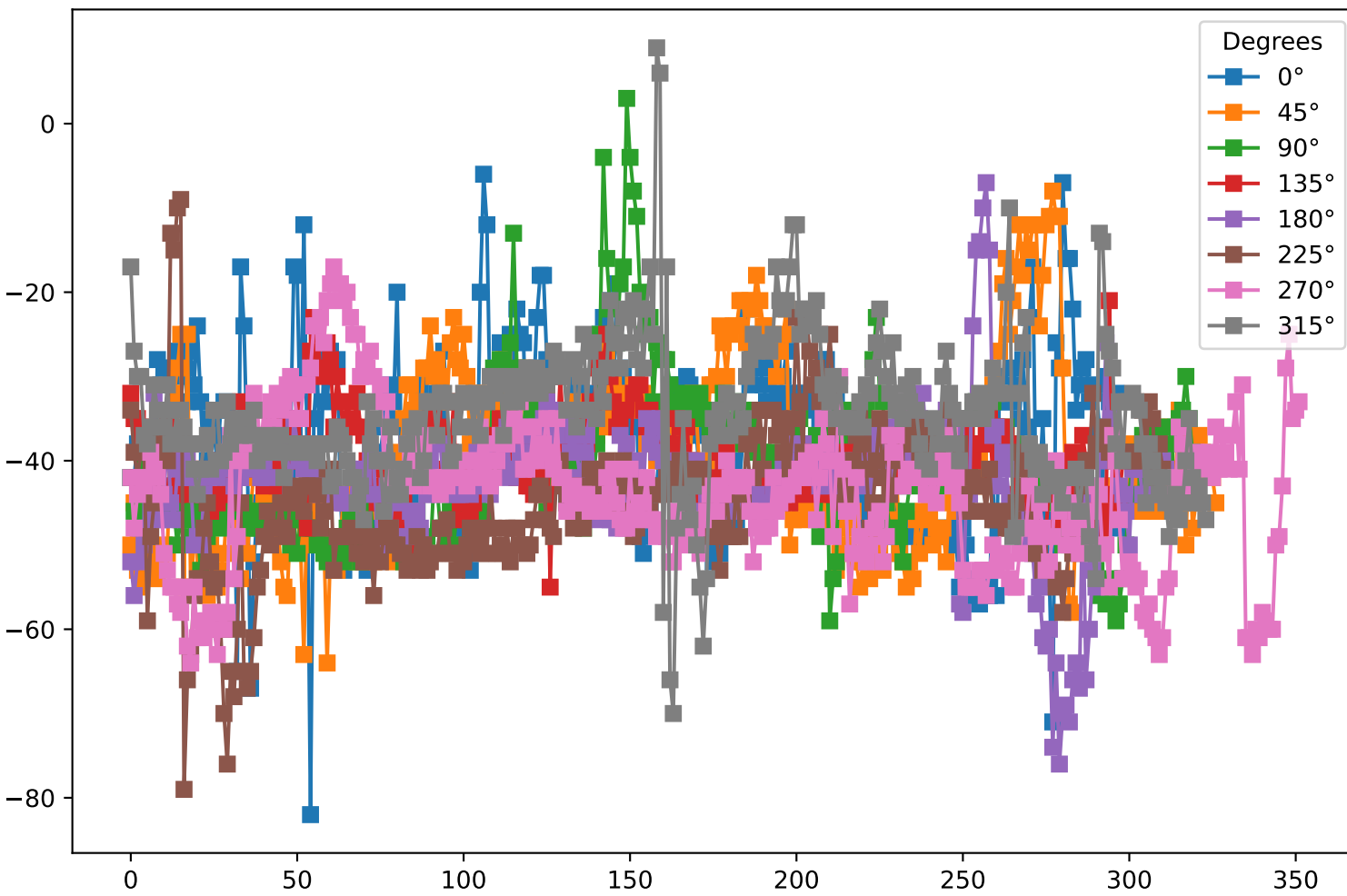
Histogram of Errors



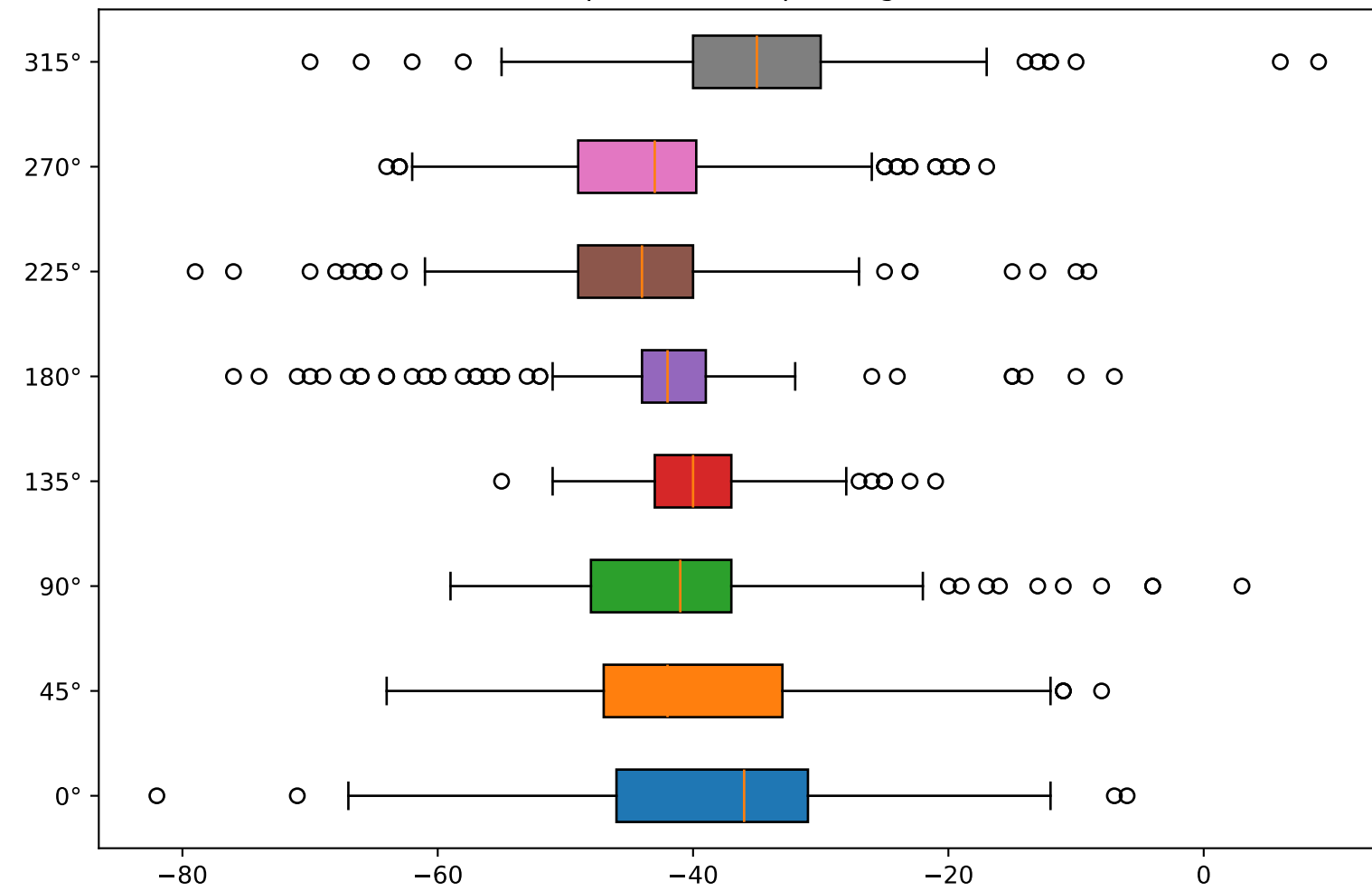
Actual Values vs. Target



Errors



Boxplot of Errors per Degree

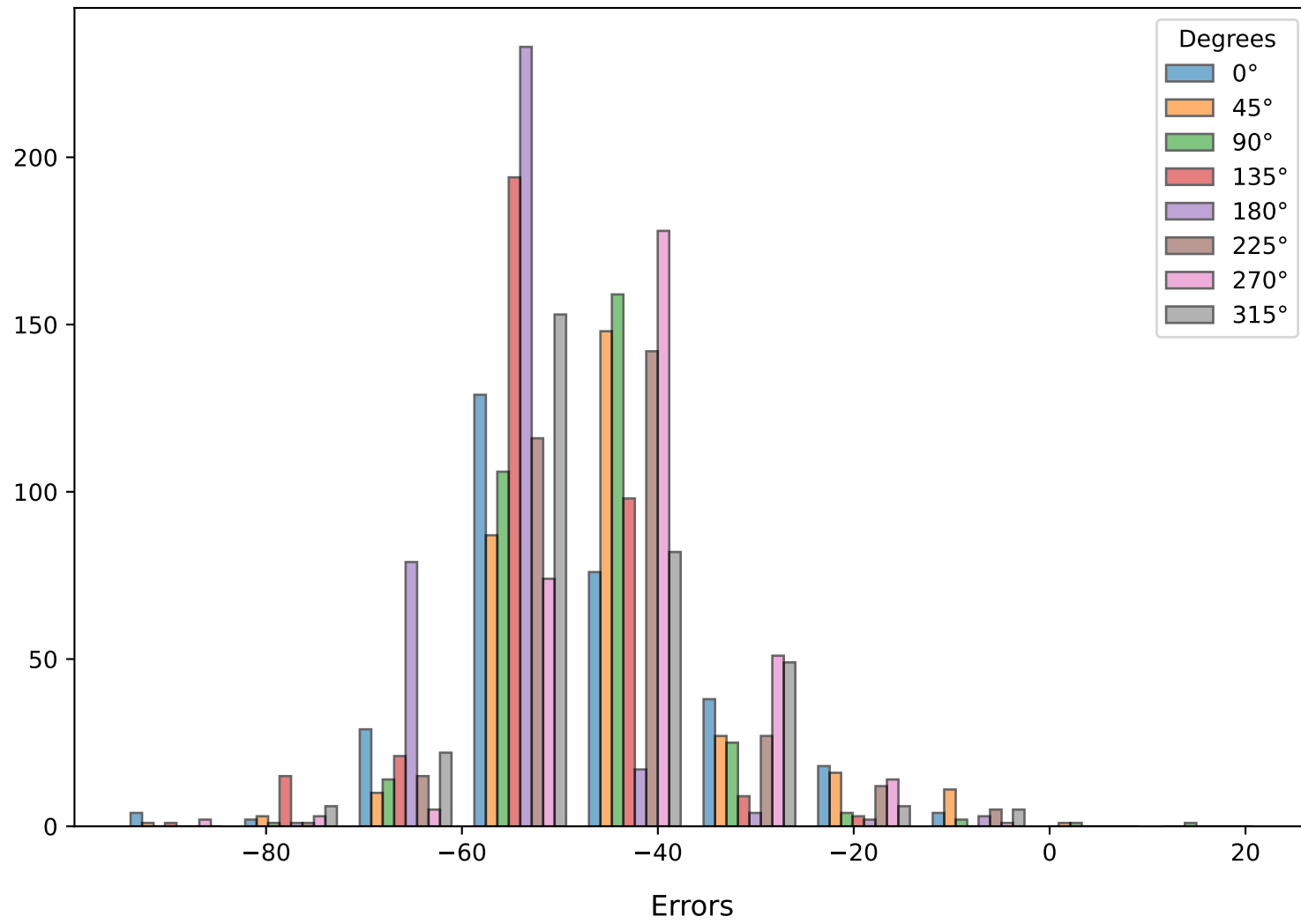


Analysis for Distance=200cm and Angle=45°
Metrics:

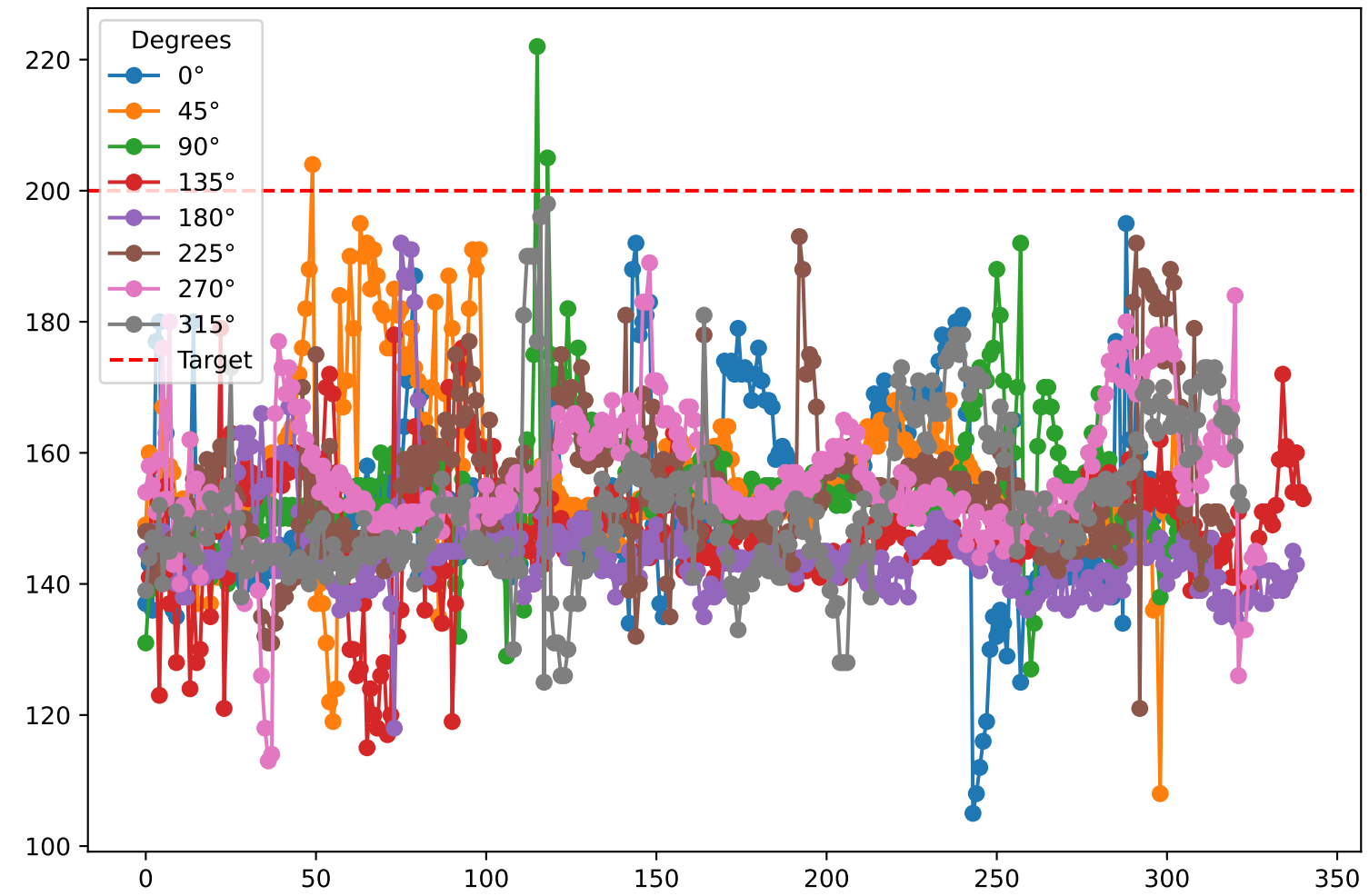
Metric	File 1	File 2	File 3	File 4	File 5	File 6	File 7	File 8
MAE	37.5615	39.7156	40.9969	39.7291	42.4135	44.6302	43.7756	34.7068
MSE	1519.13	1689.83	1759.29	1602.85	1861.07	2064.08	1994.72	1274.71
RMSE	38.976	41.1076	41.9439	40.0356	43.1401	45.4321	44.6623	35.703
MAPE	18.7807	19.8578	20.4984	19.8645	21.2067	22.3151	21.8878	17.3534
Max Error	82	64	59	55	76	79	64	70
Std Error	10.4051	10.6068	8.949	4.9442	7.8845	8.4982	8.8554	8.7501

Analysis of Measurements for Goal: 200 (200cm_90degree)

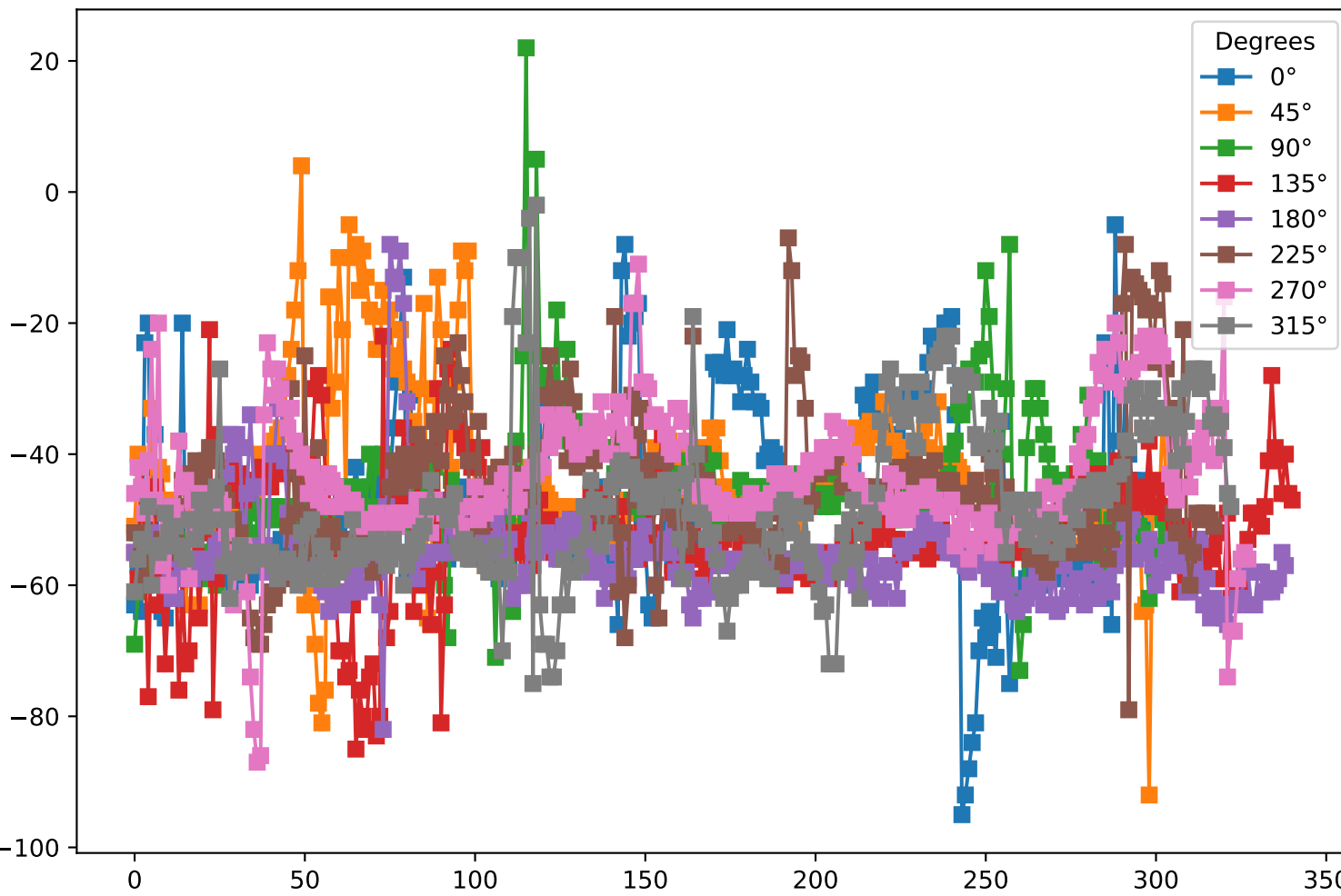
Histogram of Errors



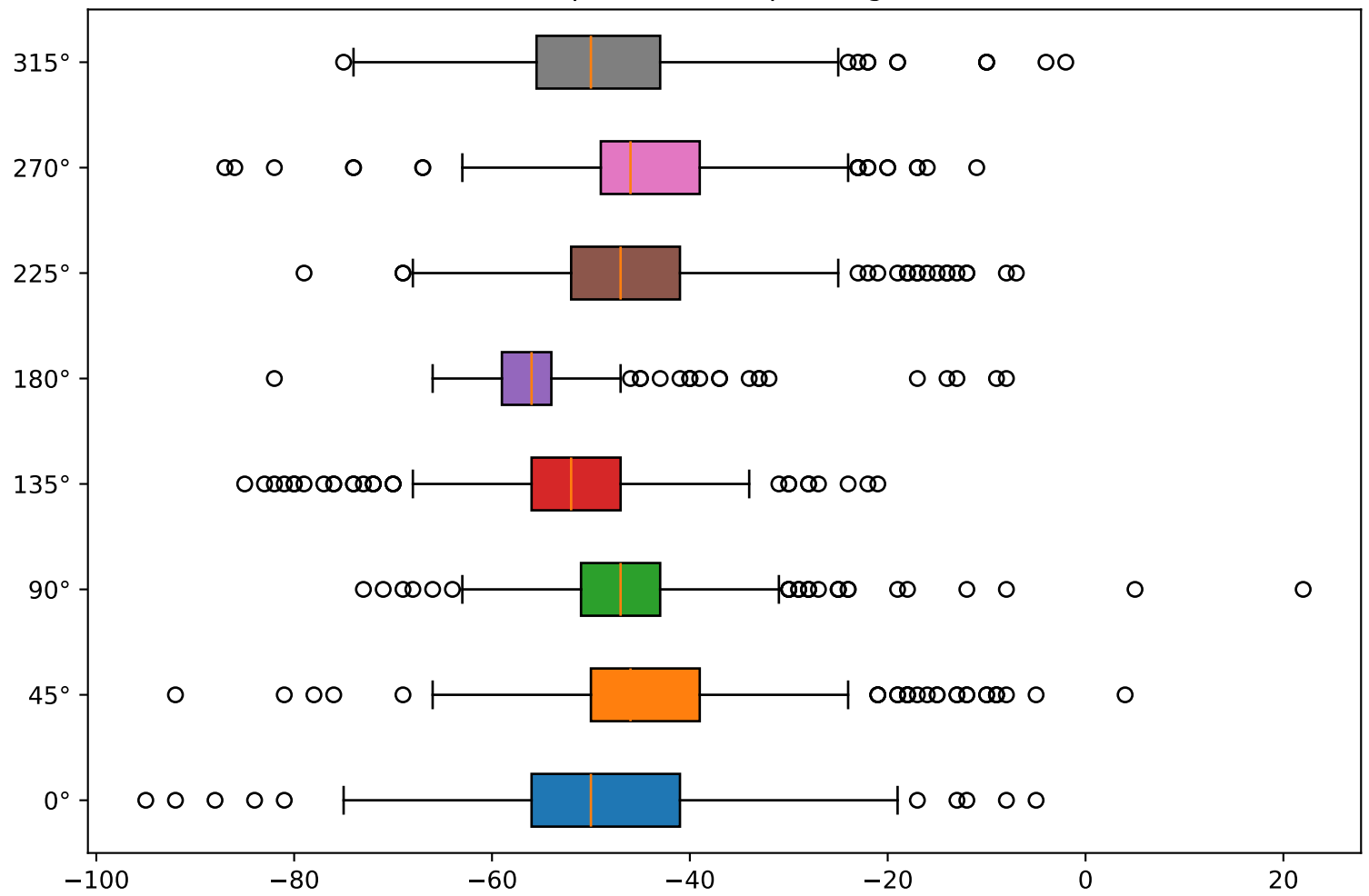
Actual Values vs. Target



Errors



Boxplot of Errors per Degree

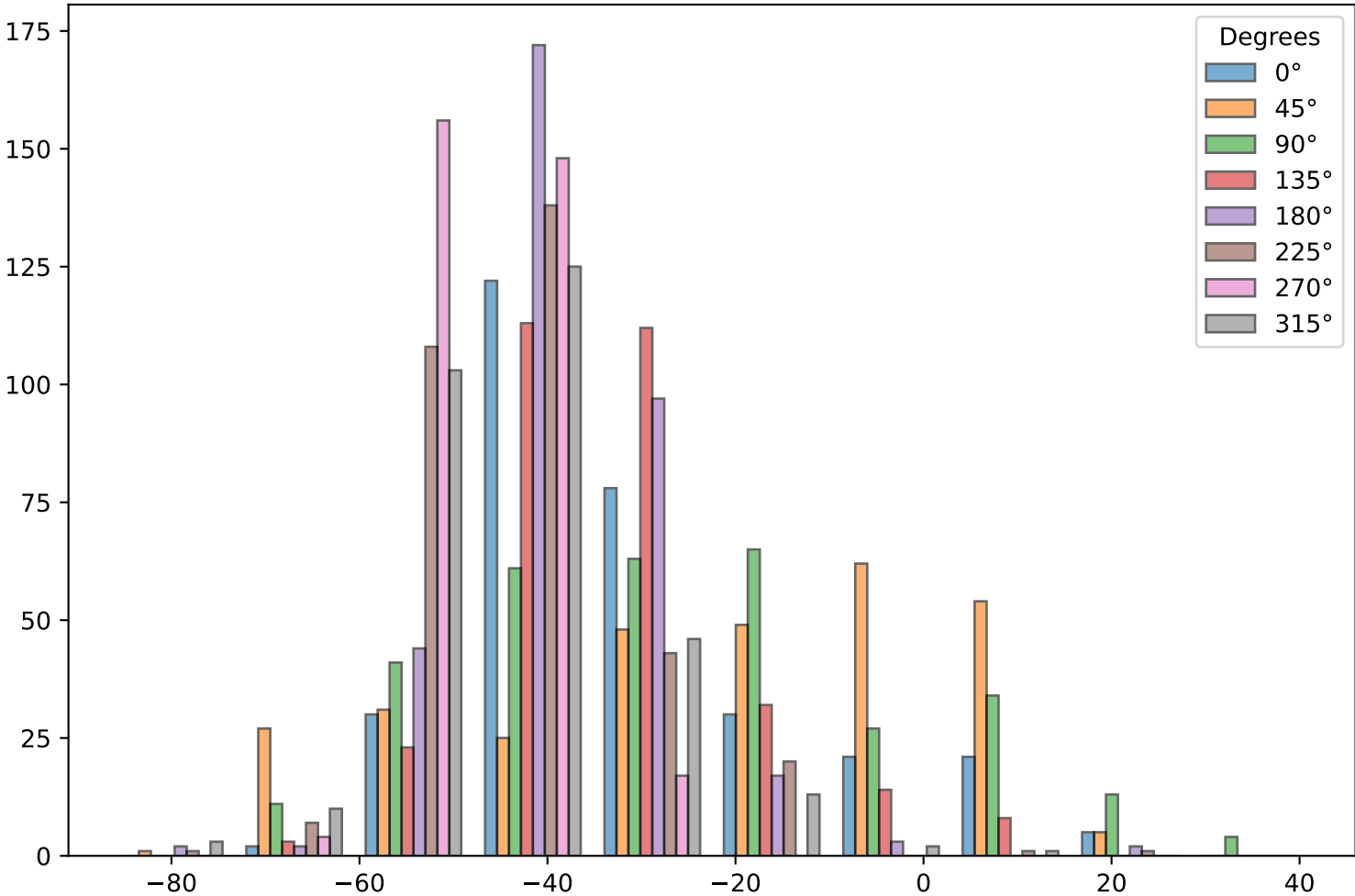


Analysis for Distance=200cm and Angle=90°
Metrics:

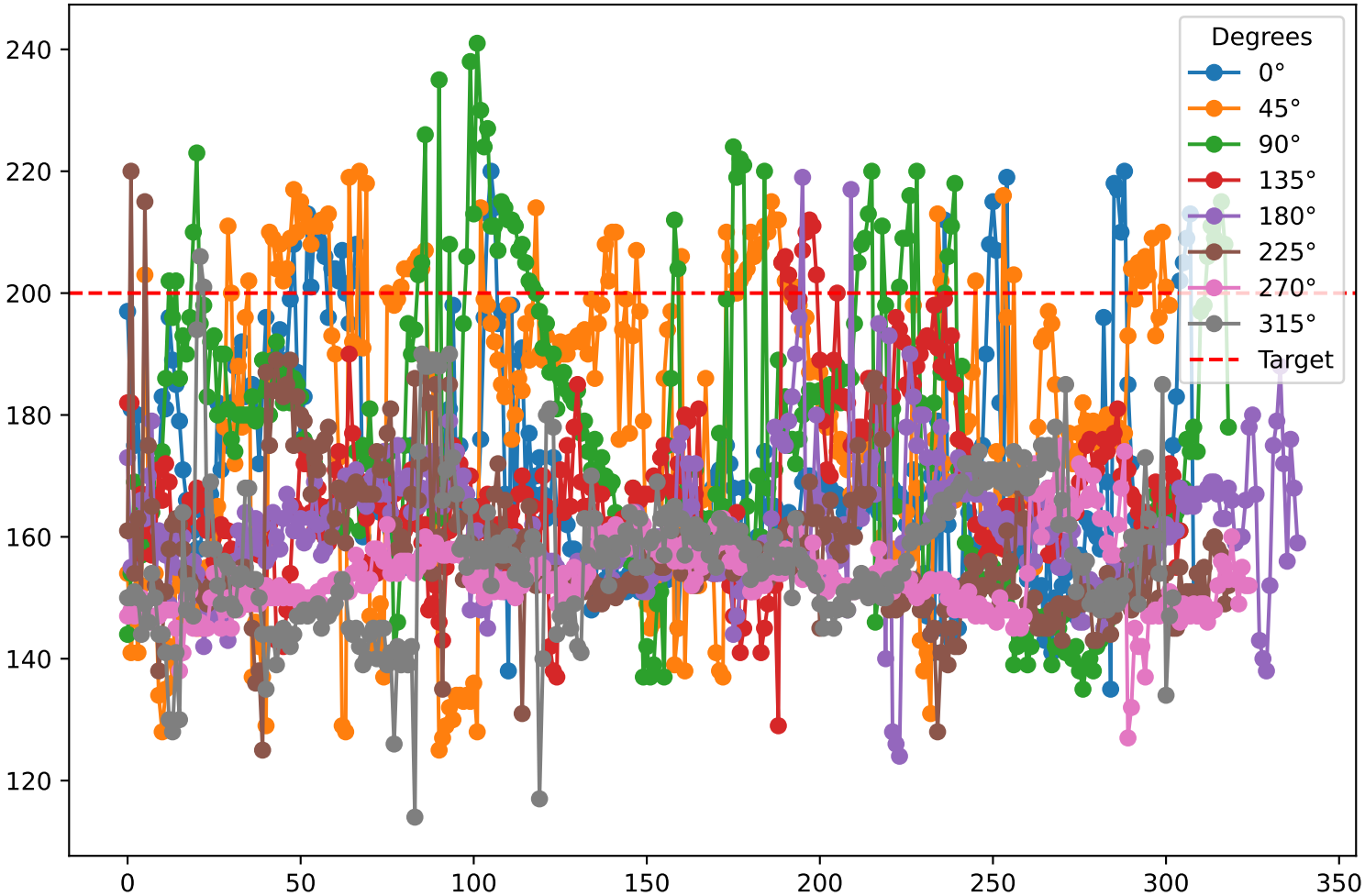
Metric	File 1	File 2	File 3	File 4	File 5	File 6	File 7	File 8
MAE	47.6167	43.5395	46.246	51.8915	55.4159	45.2799	43.7774	47.9567
MSE	2448.68	2046.64	2220.22	2778.09	3128.49	2164.88	2014.03	2439.36
RMSE	49.4841	45.2398	47.1192	52.7076	55.9329	46.5283	44.8779	49.3899
MAPE	23.8083	21.7697	23.123	25.9457	27.708	22.6399	21.8887	23.9783
Max Error	95	92	73	85	82	79	87	75
Std Error	13.4659	12.3791	9.8719	9.2392	7.5871	10.7059	9.8774	11.8119

Analysis of Measurements for Goal: 200 (200cm_135degree)

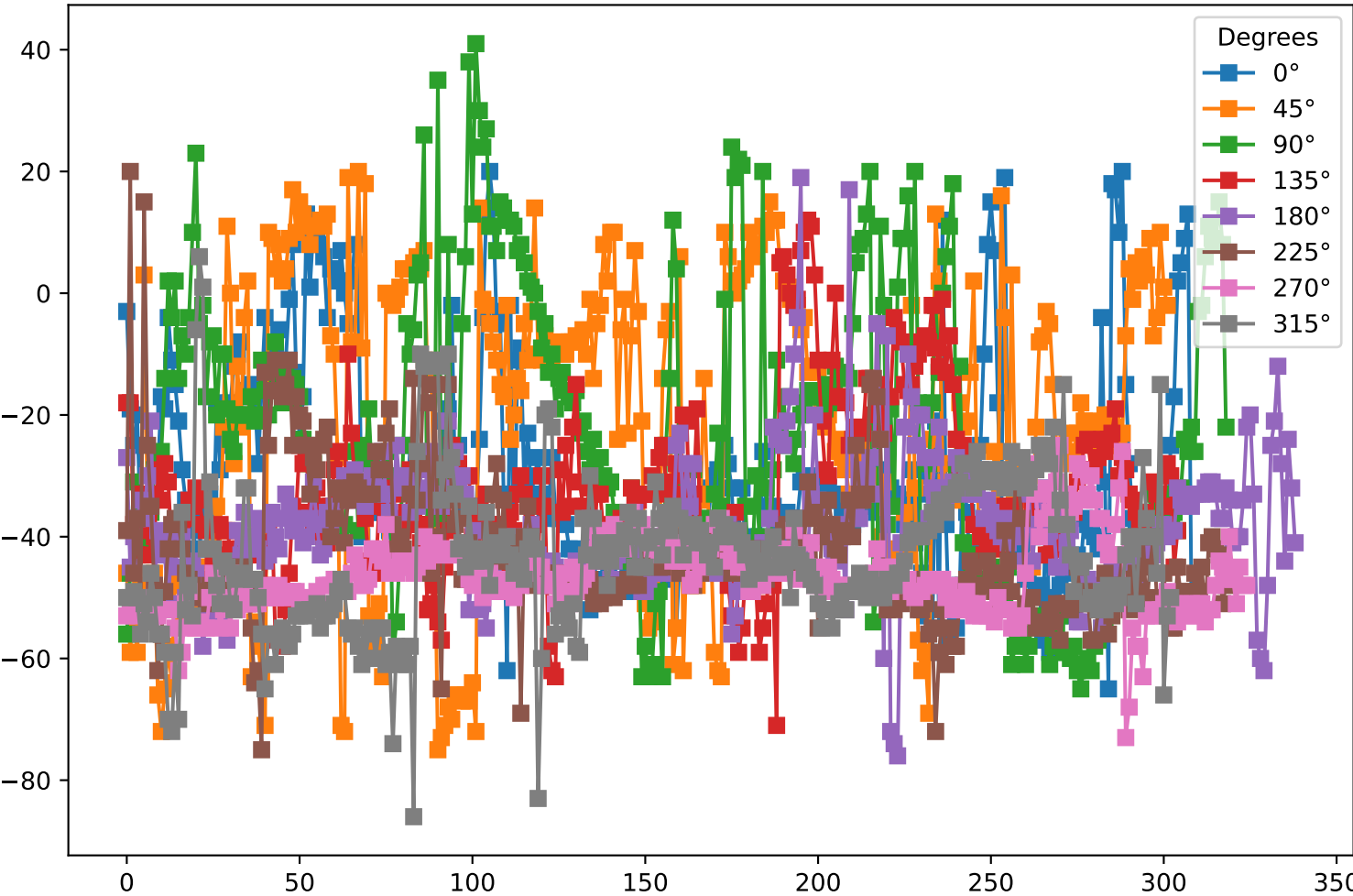
Histogram of Errors



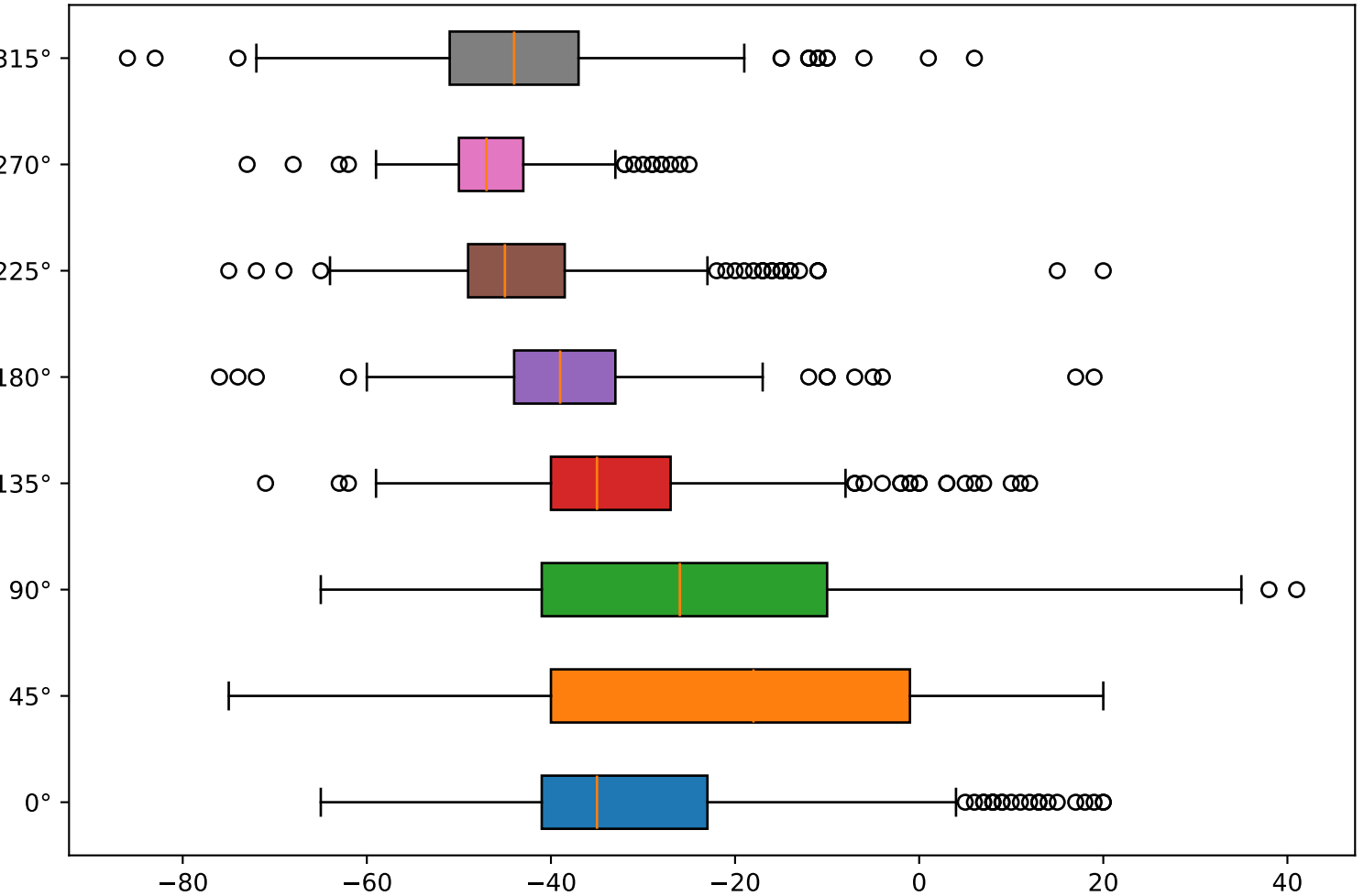
Actual Values vs. Target



Errors



Boxplot of Errors per Degree

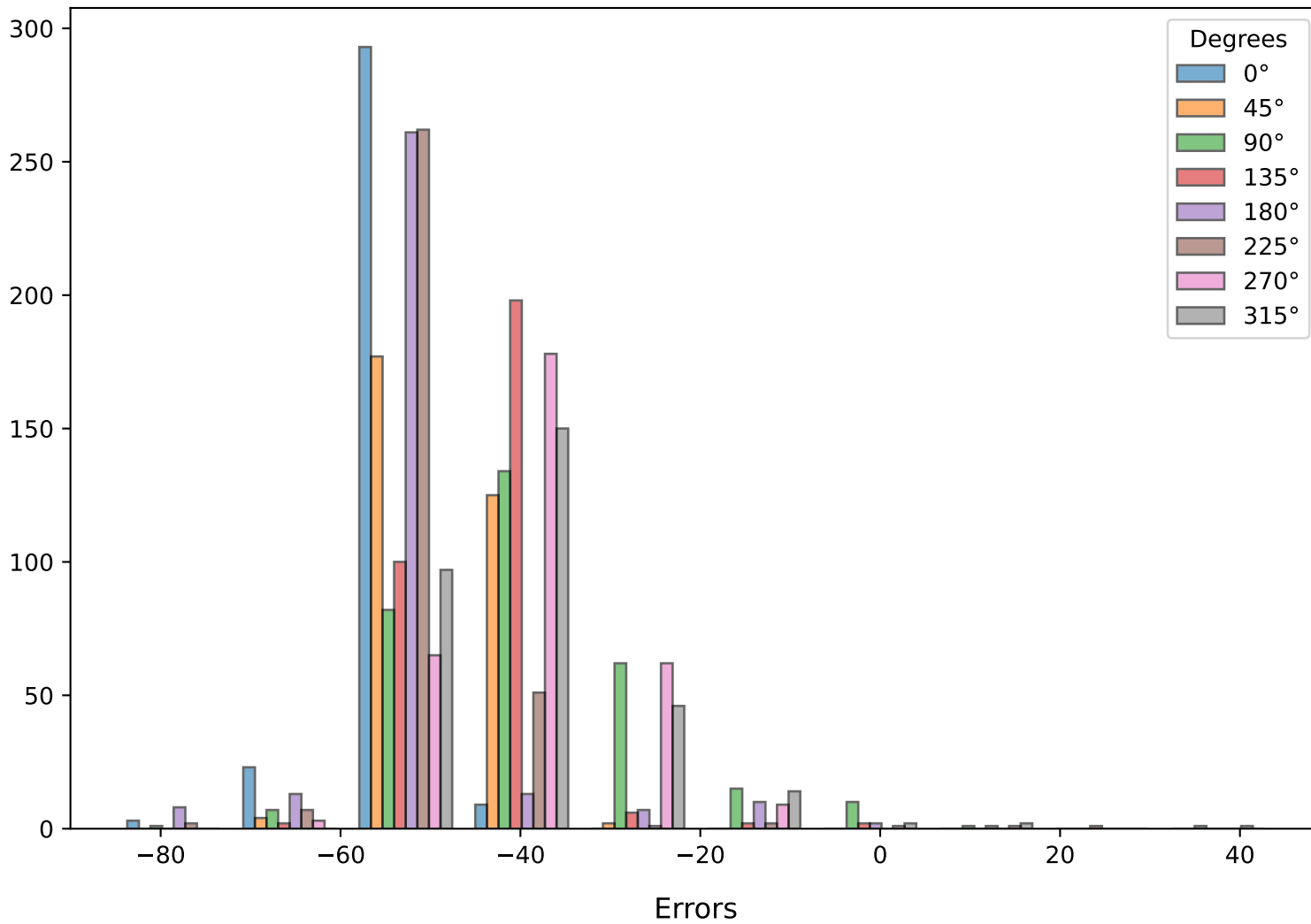


Analysis for Distance=200cm and Angle=135°
Metrics:

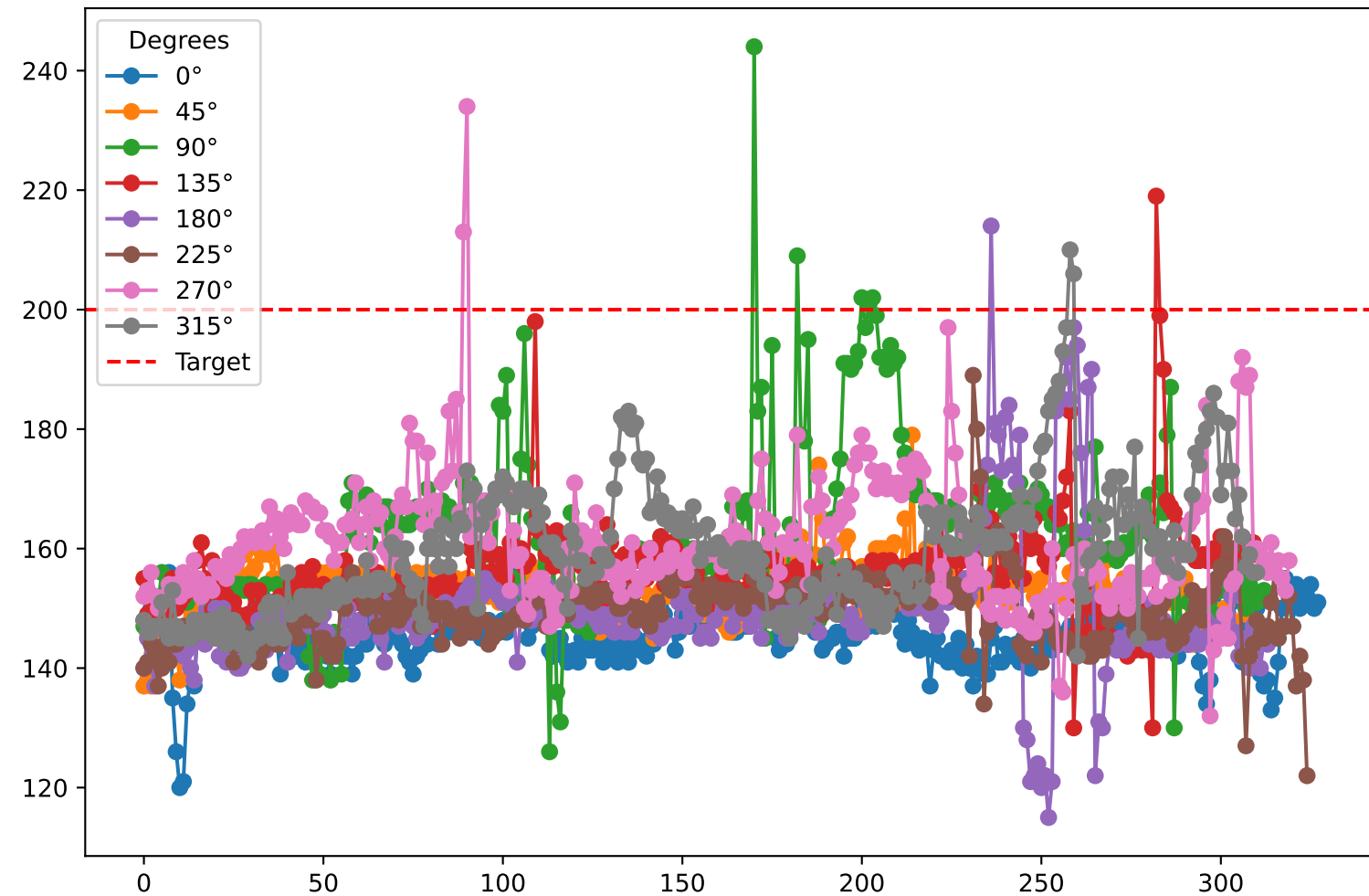
Metric	File 1	File 2	File 3	File 4	File 5	File 6	File 7	File 8
MAE	31.8155	24.8377	28.5455	32.9836	38.4985	42.6865	46.4092	43.3828
MSE	1214.21	1056.12	1103.89	1246.22	1579.19	1938.4	2193.13	2029.51
RMSE	34.8455	32.4979	33.2248	35.3018	39.7391	44.0272	46.8309	45.0501
MAPE	15.9078	12.4189	14.2727	16.4918	19.2493	21.3433	23.2046	21.6914
Max Error	65	75	65	71	76	75	73	86
Std Error	17.8079	24.6859	23.0996	13.5209	10.6474	11.6166	6.27	12.3065

Analysis of Measurements for Goal: 200 (200cm_180degree)

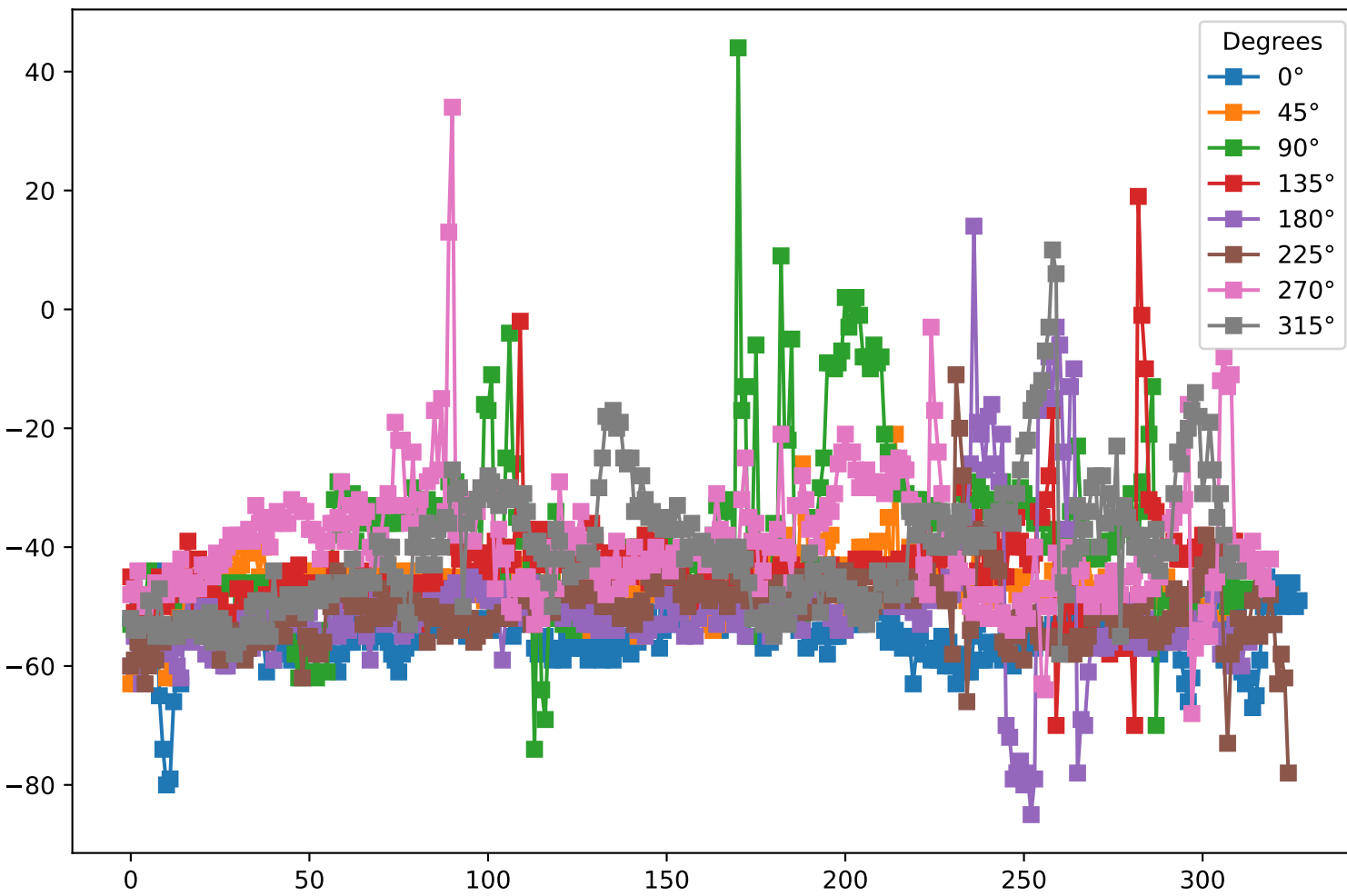
Histogram of Errors



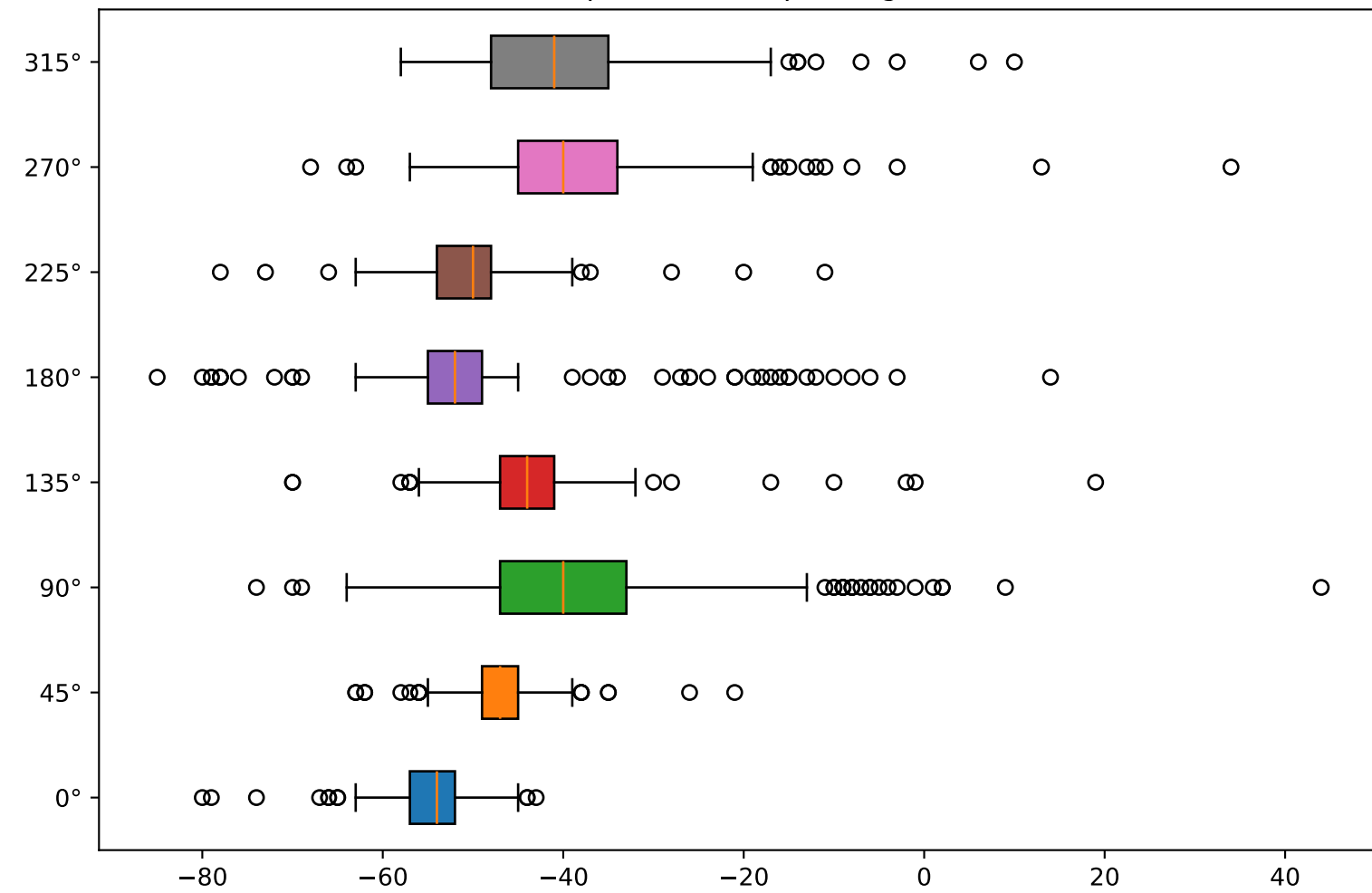
Actual Values vs. Target



Errors



Boxplot of Errors per Degree



Analysis for Distance=200cm and Angle=180°
Metrics:

Metric	File 1	File 2	File 3	File 4	File 5	File 6	File 7	File 8
MAE	54.503	47.1851	38.6134	44.1897	50.6381	50.5231	39.3719	40.4405
MSE	2991.22	2248.27	1648.04	2001.85	2680.63	2585.92	1632.13	1741.39
RMSE	54.6921	47.4159	40.5961	44.742	51.7748	50.8519	40.3997	41.73
MAPE	27.2515	23.5925	19.3067	22.0949	25.319	25.2615	19.6859	20.2203
Max Error	80	63	74	70	85	78	68	58
Std Error	4.5432	4.6732	13.621	7.7397	11.1986	5.774	10.2486	10.6897