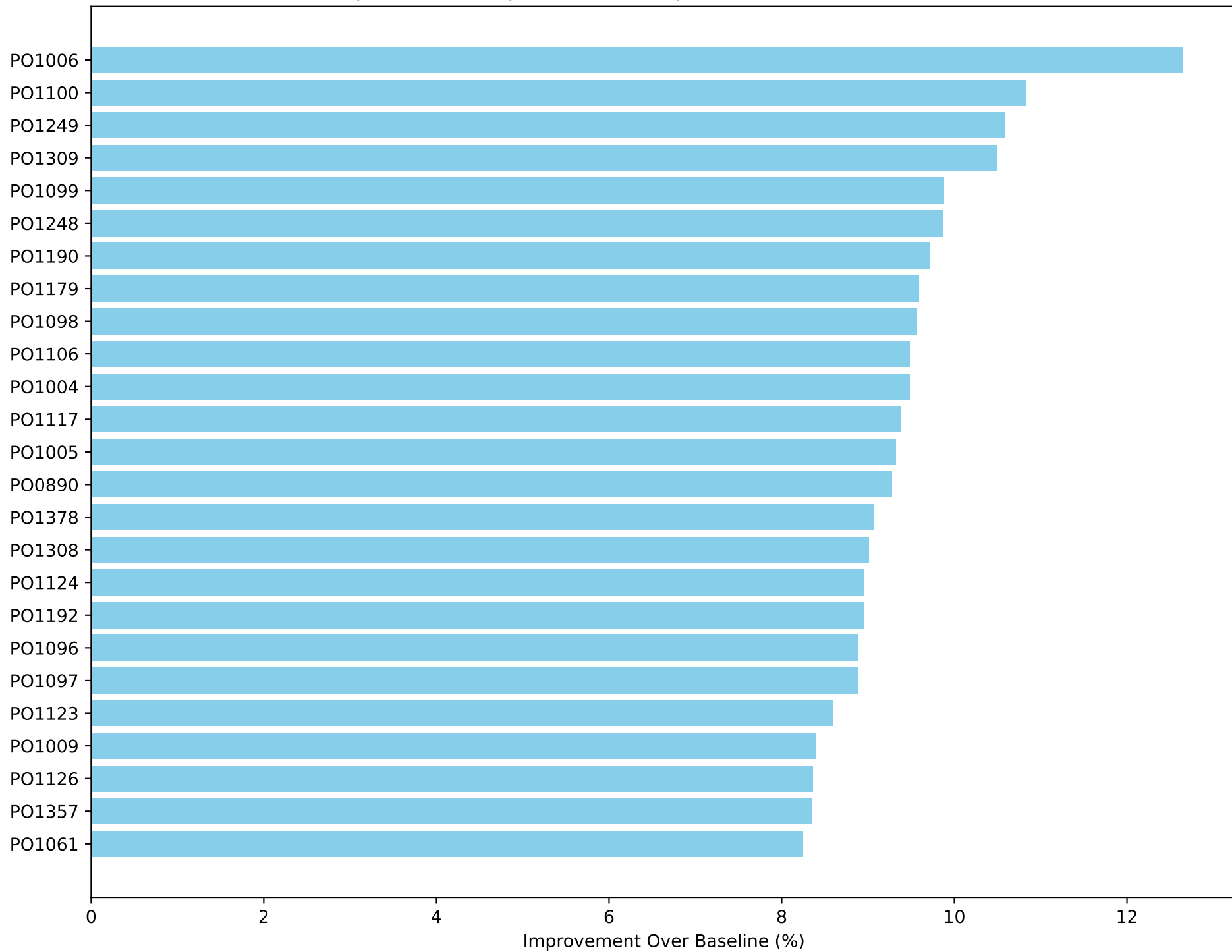


Experiment 1: Top 25 Product Improvements (Bi-LSTM vs MA-4)



Full SKU Performance Summary

Product_Code	Avg_Qty	LSTM_RMSE	Stat_RMSE	Improvement_%
PO1006	186.03	265.71	304.16	12.64
PO1100	238.5	226.32	253.8	10.83
PO1249	1346.45	1379.56	1542.85	10.58
PO1309	1806.89	1748.24	1953.29	10.5
PO1099	236.16	223.41	247.89	9.88
PO1248	1714.21	1661.06	1842.97	9.87
PO1190	939.21	831.1	920.47	9.71
PO1179	413.26	389.55	430.85	9.59
PO1098	547.75	641.73	709.67	9.57
PO1106	2860.66	2765.96	3056.13	9.49
PO1004	268.93	325.49	359.57	9.48
PO1117	305.46	315.89	348.59	9.38
PO1005	220.46	287.68	317.26	9.32
PO0890	2775.0	2739.33	3019.44	9.28
PO1378	818.9	654.97	720.28	9.07
PO1308	3560.33	3241.06	3561.9	9.01
PO1124	1344.9	1343.1	1475.22	8.96
PO1192	306.6	264.76	290.78	8.95
PO1096	658.15	780.05	856.14	8.89
PO1097	584.7	743.05	815.56	8.89
PO1123	2417.82	2396.85	2622.12	8.59
PO1009	172.97	160.87	175.61	8.39
PO1126	466.65	440.38	480.56	8.36
PO1357	391.96	416.85	454.85	8.35
PO1061	168.39	166.23	181.17	8.25
PO1222	356.03	356.24	388.23	8.24
PO1289	198.64	178.14	193.96	8.15
PO1182	159.1	154.11	167.69	8.1
PO1118	281.92	272.31	295.67	7.9
PO1197	130.84	127.96	138.86	7.85
PO1003	261.4	368.89	400.13	7.81
PO1187	310.12	269.69	292.46	7.79
PO1196	177.43	175.37	190.06	7.73
PO1243	265.88	231.31	249.62	7.34
PO1223	142.97	142.32	153.01	6.99
PO1127	129.17	123.91	133.18	6.96
PO1281	174.44	156.91	168.44	6.85
PO1282	109.63	110.16	118.25	6.84
PO1361	597.89	571.16	612.46	6.74
PO1200	290.25	330.85	353.94	6.52
PO1237	124.56	151.91	161.72	6.07
PO1002	265.42	351.59	371.7	5.41
PO1191	406.75	510.26	539.14	5.36
PO1280	149.85	150.87	159.3	5.29
PO1194	430.13	524.03	552.85	5.21
PO1193	133.2	150.93	158.69	4.89
PO1031	487.22	556.22	584.33	4.81
PO1186	544.84	617.86	649.0	4.8
PO1095	461.89	576.05	604.67	4.73
PO1001	233.66	319.8	334.77	4.47
PO1181	160.66	169.17	174.99	3.33
PO1188	162.92	169.67	174.61	2.83
PO0889	3620.0	3167.74	2607.15	-21.5