Table 1. Effectiveness of seven LogTCP techniques

Average

Approach

Metrics

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	LogTCP <sup>total</sup>	0.7208	0.7004	0.7151	0.8282	0.6965	0.7821	0.7052	0.8806	0.7651	0.9198	0.7714
APFD	LogTCP additional	0.7362	0.7576	0.7302	0.8312	0.7005	0.7921	0.7145	0.8540	0.7857	0.9293	0.7831
	LogTCP arp	0.7503	0.7478	0.7284	0.8476	0.7005	0.7852	0.7129	0.8823	0.7878	0.9364	0.7879
	LogTCP <sup>total</sup>	0.7194	0.7076	0.7169	0.8336	0.6990	0.7886	0.7045	0.8734	0.7725	0.9218	0.7737
	LogTCPadditional	0.7397	0.7499	0.7151	0.8306	0.6896	0.8030	0.7260	0.8809	0.7884	0.9385	0.7862
	LogTCP ordering	0.7557	0.7466	0.7267	0.8433	0.6950	0.8084	0.7135	0.8834	0.7841	0.9385	0.7895
	LogTCP semantics	0.7740	0.7496	0.7444	0.8633	0.6931	0.8187	0.7136	0.8764	0.8132	0.9230	0.7969
RAUC-25%	LogTCP <sup>total</sup>	0.5205	0.5113	0.8814	0.8866	0.9361	0.7534	0.6111	0.9358	0.7208	0.8471	0.7604
	LogTCP additional	0.6316	0.7438	0.9583	0.9005	0.9361	0.7835	0.6882	0.8626	0.7880	0.8556	0.8148
	LogTCP arp	0.6215	0.7395	0.9199	0.9252	0.9361	0.7803	0.7421	0.9268	0.7898	0.8578	0.8239
	LogTCP <sup>total</sup>	0.5526	0.5241	0.9006	0.9127	0.9292	0.7751	0.6127	0.9291	0.7208	0.8505	0.7707
	LogTCP additional	0.6807	0.7224	0.9231	0.8988	0.9064	0.8292	0.7043	0.9280	0.7650	0.8671	0.8225
	LogTCP arp ordering	0.7094	0.7353	0.9135	0.9200	0.9064	0.8201	0.7116	0.9327	0.7580	0.8670	0.8274
	LogTCP semantics	0.6919	0.7402	0.8944	0.9704	0.8493	0.8257	0.6789	0.9073	0.9149	0.8184	0.8291
RAUC-50%	LogTCP <sup>total</sup>	0.6646	0.7033	0.8989	0.8927	0.9126	0.8302	0.7071	0.9436	0.8194	0.8836	0.8256
	LogTCP additional	0.7094	0.8495	0.9303	0.8934	0.9160	0.8525	0.7312	0.8798	0.8775	0.8981	0.8538
	LogTCP arp	0.7221	0.8416	0.9180	0.9243	0.9143	0.8424	0.7536	0.9497	0.8732	0.9069	0.8646
	LogTCP total ordering	0.6591	0.7258	0.8989	0.9053	0.9092	0.8367	0.7052	0.9405	0.8279	0.8872	0.8296
	LogTCP additional	0.7132	0.8377	0.8948	0.8998	0.8958	0.8760	0.7457	0.9501	0.8661	0.9099	0.8589
	LogTCP arp ordering	0.7482	0.8430	0.9180	0.9180	0.8958	0.8701	0.7419	0.9528	0.8633	0.9109	0.8662
	LogTCP semantics	0.7813	0.8184	0.8828	0.9716	0.8891	0.8726	0.7342	0.9382	0.9447	0.8818	0.8715
RAUC-75%	LogTCP <sup>total</sup>	0.7467	0.8044	0.8897	0.9087	0.9243	0.8838	0.7557	0.9441	0.8710	0.9102	0.8639
	LogTCPadditional	0.7699	0.9023	0.9167	0.9129	0.9247	0.9011	0.7687	0.9045	0.9053	0.9226	0.8829
	LogTCP count	0.7858	0.8876	0.9085	0.9352	0.9372	0.8910	0.7764	0.9498	0.9032	0.9327	0.8907
	LogTCP <sup>total</sup>	0.7435	0.8170	0.8930	0.9171	0.9291	0.8877	0.7557	0.9399	0.8773	0.9130	0.8673
	LogTCP additional	0.7754	0.8887	0.8881	0.9124	0.9123	0.9176	0.7875	0.9479	0.9003	0.9350	0.8865
	LogTCP arp	0.7935	0.8882	0.9085	0.9296	0.9180	0.9145	0.7699	0.9494	0.8986	0.9354	0.8906
	LogTCP semantics	0.8216	0.8739	0.8808	0.9593	0.9195	0.9093	0.7708	0.9393	0.9469	0.9146	0.8936
RAUC-100%	LogTCP <sup>total</sup>	0.8061	0.8610	0.9036	0.9264	0.9408	0.9126	0.8112	0.9545	0.8961	0.9313	0.8944
	LogTCP additional	0.8233	0.9316	0.9229	0.9298	0.9381	0.9243	0.8219	0.9255	0.9205	0.9410	0.9079
	LogTCP count	0.8349	0.9195	0.9206	0.9478	0.9448	0.9162	0.8202	0.9564	0.9230	0.9481	0.9132
	LogTCP <sup>total</sup>	0.8046	0.8699	0.9058	0.9326	0.9461	0.9136	0.8105	0.9467	0.9049	0.9333	0.8968
	LogTCP additional	0.8272	0.9221	0.9036	0.9292	0.9273	0.9371	0.8352	0.9548	0.9237	0.9503	0.9111
	LogTCP ordering	0.8415	0.9180	0.9183	0.9430	0.9374	0.9366	0.8208	0.9575	0.9186	0.9502	0.9142
	LogTCP semantics	0.8612	0.9116	0.9011	0.9656	0.9347	0.9274	0.8210	0.9499	0.9537	0.9345	0.9161