

Supporting Information

Holistic quality evaluation of Compound Licorice Tablets using Capillary electrophoresis fingerprint combined with chemometric methods

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Table S1 Similarity analysis of 36 batches of CLQTs using similarity evaluation system (China Committee of Pharmacopeia, 2012) for chromatographic fingerprint analysis of TCMs

	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19	S20	S21	S22	S23	S24	S25	S26	S27	S28	S29	S30	S31	S32	S33	S34	S35	S36	RFP
S1	1.000	0.995	0.989	0.974	0.966	0.986	0.944	0.954	0.979	0.944	0.886	0.930	0.961	0.976	0.960	0.989	0.974	0.990	0.930	0.944	0.966	0.954	0.979	0.886	0.961	0.976	0.960	0.976	0.974	0.990	0.944	0.966	0.954	0.986	0.971	0.960	0.981
S2	0.995	1.000	0.985	0.980	0.971	0.979	0.955	0.896	0.975	0.955	0.879	0.950	0.960	0.974	0.963	0.985	0.980	0.989	0.950	0.955	0.971	0.896	0.975	0.879	0.960	0.974	0.963	0.974	0.980	0.989	0.955	0.971	0.896	0.979	0.974	0.963	0.987
S3	0.989	0.985	1.000	0.979	0.971	0.985	0.941	0.962	0.972	0.941	0.899	0.927	0.965	0.974	0.966	1.000	0.979	0.994	0.927	0.941	0.961	0.862	0.972	0.899	0.965	0.974	0.966	0.974	0.979	0.994	0.941	0.961	0.862	0.985	0.981	0.966	0.984
S4	0.974	0.980	0.979	1.000	0.939	0.967	0.908	0.920	0.935	0.908	0.845	0.924	0.931	0.968	0.947	0.979	1.000	0.984	0.924	0.908	0.929	0.920	0.935	0.845	0.931	0.968	0.947	0.968	1.000	0.984	0.908	0.929	0.920	0.967	0.951	0.947	0.969
S5	0.966	0.971	0.971	0.939	1.000	0.971	0.974	0.905	0.992	0.974	0.892	0.953	0.984	0.961	0.977	0.971	0.939	0.964	0.953	0.974	0.983	0.905	0.992	0.892	0.984	0.961	0.977	0.961	0.939	0.964	0.974	0.983	0.905	0.971	0.985	0.977	0.986
S6	0.986	0.979	0.985	0.967	0.971	1.000	0.925	0.957	0.975	0.925	0.891	0.907	0.957	0.974	0.954	0.985	0.967	0.988	0.907	0.925	0.954	0.957	0.975	0.891	0.957	0.974	0.954	0.974	0.967	0.988	0.925	0.954	0.957	1.000	0.956	0.954	0.976
S7	0.944	0.955	0.941	0.908	0.974	0.925	1.000	0.930	0.978	1.000	0.860	0.985	0.955	0.929	0.954	0.941	0.908	0.928	0.985	1.000	0.995	0.930	0.978	0.860	0.955	0.929	0.954	0.929	0.908	0.928	1.000	0.995	0.930	0.925	0.967	0.954	0.972
S8	0.954	0.896	0.962	0.920	0.505	0.957	0.930	1.000	0.984	0.930	0.947	0.903	0.927	0.893	0.874	0.862	0.920	0.942	0.903	0.930	0.927	1.000	0.884	0.947	0.927	0.893	0.874	0.893	0.920	0.942	0.930	0.927	1.000	0.957	0.886	0.874	0.877
S9	0.979	0.975	0.972	0.935	0.992	0.975	0.978	0.884	1.000	0.978	0.891	0.951	0.980	0.966	0.973	0.972	0.935	0.965	0.951	0.978	0.991	0.884	1.000	0.891	0.980	0.966	0.973	0.966	0.935	0.965	0.978	0.991	0.884	0.975	0.977	0.973	0.986
S10	0.944	0.955	0.941	0.908	0.974	0.925	1.000	0.930	0.978	1.000	0.860	0.985	0.955	0.929	0.954	0.941	0.908	0.928	0.985	1.000	0.995	0.930	0.978	0.860	0.955	0.929	0.954	0.929	0.908	0.928	1.000	0.995	0.930	0.925	0.967	0.954	0.972
S11	0.886	0.879	0.899	0.845	0.892	0.891	0.860	0.947	0.891	0.860	1.000	0.809	0.866	0.841	0.841	0.899	0.845	0.903	0.909	0.860	0.870	0.947	0.891	1.000	0.866	0.841	0.841	0.841	0.845	0.903	0.860	0.870	0.947	0.891	0.888	0.841	0.885
S12	0.930	0.950	0.927	0.924	0.953	0.907	0.985	0.903	0.951	0.985	0.909	1.000	0.934	0.927	0.946	0.927	0.924	0.916	1.000	0.985	0.979	0.903	0.951	0.909	0.934	0.927	0.946	0.927	0.924	0.916	0.985	0.979	0.903	0.907	0.951	0.946	0.966
S13	0.961	0.960	0.965	0.931	0.984	0.957	0.955	0.927	0.980	0.955	0.866	0.934	1.000	0.974	0.995	0.965	0.931	0.949	0.934	0.955	0.968	0.927	0.980	0.866	1.000	0.974	0.995	0.974	0.931	0.949	0.955	0.968	0.927	0.957	0.985	0.995	0.981
S14	0.976	0.974	0.974	0.968	0.961	0.974	0.929	0.893	0.966	0.929	0.841	0.927	0.974	1.000	0.984	0.974	0.968	0.967	0.927	0.929	0.955	0.893	0.966	0.841	0.974	1.000	0.984	1.000	0.968	0.967	0.929	0.955	0.893	0.974	0.961	0.984	0.986
S15	0.960	0.963	0.966	0.947	0.977	0.954	0.954	0.974	0.973	0.954	0.841	0.946	0.995	0.984	1.000	0.966	0.947	0.950	0.946	0.954	0.967	0.874	0.973	0.841	0.995	0.984	1.000	0.984	0.947	0.950	0.954	0.967	0.874	0.954	0.982	1.000	0.986
S16	0.989	0.985	1.000	0.979	0.971	0.985	0.941	0.962	0.972	0.941	0.899	0.927	0.965	0.974	0.966	1.000	0.979	0.994	0.927	0.941	0.961	0.862	0.972	0.899	0.965	0.974	0.966	0.974	0.979	0.994	0.941	0.961	0.862	0.985	0.981	0.966	0.984
S17	0.974	0.980	0.979	1.000	0.939	0.967	0.908	0.920	0.935	0.908	0.845	0.924	0.931	0.968	0.947	0.979	1.000	0.984	0.924	0.908	0.929	0.920	0.935	0.845	0.931	0.968	0.947	0.968	1.000	0.984	0.908	0.929	0.920	0.967	0.951	0.947	0.969
S18	0.990	0.989	0.994	0.984	0.964	0.988	0.928	0.942	0.965	0.928	0.903	0.916	0.949	0.967	0.950	0.994	0.984	1.000	0.916	0.928	0.950	0.942	0.965	0.903	0.949	0.967	0.950	0.967	0.984	1.000	0.928	0.950	0.942	0.988	0.968	0.950	0.977
S19	0.930	0.950	0.927	0.924	0.953	0.907	0.985	0.903	0.951	0.985	0.909	1.000	0.934	0.927	0.946	0.927	0.924	0.916	1.000	0.985	0.979	0.903	0.951	0.909	0.934	0.927	0.946	0.927	0.924	0.916	0.985	0.979	0.903	0.907	0.951	0.946	0.966
S20	0.944	0.955	0.941	0.908	0.974	0.925	1.000	0.930	0.978	1.000	0.860	0.985	0.955	0.929	0.954	0.941	0.908	0.928	0.985	1.000	0.995	0.930	0.978	0.860	0.955	0.929	0.954	0.929	0.908	0.928	1.000	0.995	0.930	0.925	0.967	0.954	0.972
S21	0.966	0.971	0.961	0.929	0.983	0.954	0.995	0.927	0.991	0.995	0.870	0.979	0.968	0.955	0.967	0.961	0.929	0.950	0.979	0.995	1.000	0.927	0.991	0.870	0.968	0.955	0.967	0.955	0.929	0.950	0.995	1.000	0.927	0.954	0.973	0.967	0.985
S22	0.954	0.896	0.962	0.920	0.905	0.957	0.930	1.000	0.984	0.930	0.947	0.903	0.927	0.893	0.874	0.862	0.920	0.942	0.903	0.930	0.927	1.000	0.884	0.947	0.927	0.893	0.874	0.893	0.920	0.942	0.930	0.927	1.000	0.957	0.886	0.874	0.877

S23	0.979	0.975	0.972	0.935	0.992	0.975	0.978	0.884	1.000	0.978	0.891	0.951	0.980	0.966	0.973	0.972	0.935	0.965	0.951	0.978	0.991	0.884	1.000	0.891	0.980	0.966	0.973	0.966	0.935	0.965	0.978	0.991	0.884	0.975	0.977	0.973	0.986
S24	0.886	0.879	0.899	0.845	0.892	0.891	0.860	0.947	0.891	0.860	1.000	0.809	0.866	0.841	0.841	0.899	0.845	0.903	0.909	0.860	0.870	0.947	0.891	1.000	0.866	0.841	0.841	0.841	0.845	0.903	0.860	0.870	0.947	0.891	0.888	0.841	0.885
S25	0.961	0.960	0.965	0.931	0.984	0.957	0.955	0.927	0.980	0.955	0.866	0.934	1.000	0.974	0.995	0.965	0.931	0.949	0.934	0.955	0.968	0.927	0.980	0.866	1.000	0.974	0.995	0.974	0.931	0.949	0.955	0.968	0.927	0.957	0.985	0.995	0.981
S26	0.976	0.974	0.974	0.968	0.961	0.974	0.929	0.893	0.966	0.929	0.841	0.927	0.974	1.000	0.984	0.974	0.968	0.967	0.927	0.929	0.955	0.893	0.966	0.841	0.974	1.000	0.984	1.000	0.968	0.967	0.929	0.955	0.893	0.974	0.961	0.984	0.986
S27	0.960	0.963	0.966	0.947	0.977	0.954	0.954	0.974	0.973	0.954	0.841	0.946	0.995	0.984	1.000	0.966	0.947	0.950	0.946	0.954	0.967	0.874	0.973	0.841	0.995	0.984	1.000	0.984	0.947	0.950	0.954	0.967	0.874	0.954	0.982	1.000	0.986
S28	0.976	0.974	0.974	0.968	0.961	0.974	0.929	0.893	0.966	0.929	0.841	0.927	0.974	1.000	0.984	0.974	0.968	0.967	0.927	0.929	0.955	0.893	0.966	0.841	0.974	1.000	0.984	1.000	0.968	0.967	0.929	0.955	0.893	0.974	0.961	0.984	0.986
S29	0.974	0.980	0.979	1.000	0.939	0.967	0.908	0.920	0.935	0.908	0.845	0.924	0.931	0.968	0.947	0.979	1.000	0.984	0.924	0.908	0.929	0.920	0.935	0.845	0.931	0.968	0.947	0.968	1.000	0.984	0.908	0.929	0.920	0.967	0.951	0.947	0.969
S30	0.990	0.989	0.994	0.984	0.964	0.988	0.928	0.942	0.965	0.928	0.903	0.916	0.949	0.967	0.950	0.994	0.984	1.000	0.916	0.928	0.950	0.942	0.965	0.903	0.949	0.967	0.950	0.967	0.984	1.000	0.928	0.950	0.942	0.988	0.968	0.950	0.977
S31	0.944	0.955	0.941	0.908	0.974	0.925	1.000	0.930	0.978	1.000	0.860	0.985	0.955	0.929	0.954	0.941	0.908	0.928	0.985	1.000	0.995	0.930	0.978	0.860	0.955	0.929	0.954	0.929	0.908	0.928	1.000	0.995	0.930	0.925	0.967	0.954	0.972
S32	0.966	0.971	0.961	0.929	0.983	0.954	0.995	0.927	0.991	0.995	0.870	0.979	0.968	0.955	0.967	0.961	0.929	0.950	0.979	0.995	1.000	0.927	0.991	0.870	0.968	0.955	0.967	0.955	0.929	0.950	0.995	1.000	0.927	0.954	0.973	0.967	0.985
S33	0.954	0.896	0.962	0.920	0.905	0.957	0.930	1.000	0.984	0.930	0.947	0.903	0.927	0.893	0.874	0.862	0.920	0.942	0.903	0.930	0.927	1.000	0.884	0.947	0.927	0.893	0.874	0.893	0.920	0.942	0.930	0.927	1.000	0.957	0.886	0.874	0.877
S34	0.986	0.979	0.985	0.967	0.971	1.000	0.925	0.957	0.975	0.925	0.891	0.907	0.957	0.974	0.954	0.985	0.967	0.988	0.907	0.925	0.954	0.957	0.975	0.891	0.957	0.974	0.954	0.974	0.967	0.988	0.925	0.954	0.957	1.000	0.956	0.954	0.976
S35	0.971	0.974	0.981	0.951	0.985	0.956	0.967	0.886	0.977	0.967	0.888	0.951	0.985	0.961	0.982	0.981	0.951	0.968	0.951	0.967	0.973	0.886	0.977	0.888	0.985	0.961	0.982	0.961	0.951	0.968	0.967	0.973	0.886	0.956	1.000	0.982	0.984
S36	0.960	0.963	0.966	0.947	0.977	0.954	0.954	0.974	0.973	0.954	0.841	0.946	0.995	0.984	1.000	0.966	0.947	0.950	0.946	0.954	0.967	0.874	0.973	0.841	0.995	0.984	1.000	0.984	0.947	0.950	0.954	0.967	0.874	0.954	0.982	1.000	0.986
RFP	0.981	0.987	0.984	0.969	0.986	0.976	0.972	0.977	0.986	0.972	0.885	0.966	0.981	0.986	0.986	0.984	0.969	0.977	0.966	0.972	0.985	0.877	0.986	0.885	0.981	0.986	0.986	0.986	0.969	0.977	0.972	0.985	0.877	0.976	0.984	0.986	1.000