บทที่ 6

สรุปผลการทดลอง

การศึกษาแคริโอไทพ์ของปลาทั้ง 8 ชนิดในสกุล Pangasius และ Mystus ได้ผลดังนี้

1. ปลาสกุล Pangasius และ Mystus มีจำนวนโครโซม ๆ ระหว่าง 52-60

2. ส่วนใหญ่ปลาสกุล Pangasius และ Mystus เป็นโครโมโซมขนาดใหญ่ ยกเว้นปลาแขยงข้างลาย

3. ปลาสกุล Pangasius และ Mystus 2 ใน 3 ของโครโมโซมขนาดใหญ่เป็น metacentric และ submetacentric

4. โครโมโซมขนาดเล็กของปลาสกุล Pangasius เป็น acrocentric เกือบทั้งหมด แต่ปลาสกุล Mystus โครโมโซมขนาดเล็กมี metacentric submetacentric และ acrocentric จำนวนใกล้เคียงกัน ยกเว้นปลาแขยงข้างลาย มี acrocentric น้อยกว่า metacentric และ submetacentric

5. acrocentric chromosome ของปลาสกุล Pangasius และ Mystus เป็นชนิด SSA group

6. เกี่ยวกับวิวัฒนาการของโครโมโซมของปลาทั้ง 2 สกุลอาจเกิด Robertsonian fusion, supplementory heterochromatin, pericentric inversion และ unequal reciprocal translocation ทำให้โครโมโซมของปลาแต่ละชนิดต่างกัน

7. โครโมโซมคู่แรกของปลาสกุล Pangasius และ Mystus ส่วนใหญ่เป็น submetacentric chromosome

8. โครโมโซมคู่เล็กสุดของปลาทั้ง 2 สกุลนี้เป็น acrocentric chromosome

9. จำนวนแขนของโครโมโซมของปลาทั้ง 2 สกุลนี้ส่วนใหญ่ NF = 98

10. ปลาแต่ละชนิดมีแคริโอไทพ์ไม่เหมือนกันทุกประการ แต่ก็มีลักษณะของโครโมโซมหลายอย่างที่มีส่วนคล้ายกัน ดังที่กล่าวมาแล้ว จากลักษณะต่าง ๆ ที่คล้ายคลึงกันนี้ทำให้ปลาเหล่านี้มีความสัมพันธ์ใกล้ชิดกัน

11. ปลาสายยูน่าจะมีวิวัฒนาการสูงที่สุดในปลาสกุล Pangasius และปลาแขยงข้างลายน่าจะมีวิวัฒนาการสูงสุดในปลาสกุล Mystus

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	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI
1 a	0.916	0.825	0.816	0.774	1.007	0.870	1.321	0.787	1.119	0.793	0.982	0.863	1.144	0.817	1.153	0.785	0.911	0.834	1.125	0.812
b	0.907	0.825	0.808	0.778	1.016	0.873	1.315	0.770	1.123	0.761	0.981	0.877	1.162	0.825	1.122	0.812	0.898	0.765	1.156	0.821
2 a	0.867	0.649	0.827	0.670	1.009	0.670	1.259	0.662	1.115	0.670	1.003	0.684	1.286	0.677	1.108	0.674	0.876	0.627	1.113	0.670
b	0.864	0.653	0.827	0.662	1.005	0.678	1.263	0.668	1.121	0.669	1.005	0.687	1.267	0.675	1.101	0.672	0.882	0.602	1.048	0.644
3 a	0.855	0.551	0.729	0.515	0.942	0.504	1.260	0.521	1.072	0.540	0.895	0.521	1.119	0.567	1.100	0.510	0.847	0.501	1.021	0.503
b	0.853	0.544	0.730	0.519	0.941	0.509	1.257	0.503	1.065	0.537	0.887	0.526	1.090	0.566	1.102	0.509	0.851	0.504	1.019	0.502
4 a	0.801	0.664	0.725	0.687	0.953	0.664	1.252	0.655	1.058	0.675	0.871	0.637	1.088	0.682	1.097	0.663	0.811	0.670	1.016	0.655
b	0.804	0.660	0.731	0.693	0.959	0.660	1.255	0.674	1.056	0.677	0.866	0.640	1.095	0.680	1.096	0.665	0.815	0.671	1.015	0.650
5 a	0.803	0.681	0.712	0.858	0.941	0.645	1.244	0.709	1.021	0.869	0.854	0.695	1.085	0.680	1.099	0.660	0.767	0.692	1.011	0.657
b	0.802	0.683	0.715	0.856	0.942	0.641	1.240	0.710	0.995	0.892	0.857	0.687	1.077	0.679	1.092	0.659	0.765	0.699	1.014	0.661
6 a	0.802	0.843	0.706	0.732	0.935	0.841	1.239	0.787	0.969	0.859	0.807	0.846	1.048	0.782	1.059	0.852	0.761	1.000	0.997	0.767
b	0.795	0.848	0.710	0.728	0.940	0.835	1.238	0.785	0.965	0.854	0.813	0.855	1.046	0.788	1.033	0.867	0.744	1.000	0.990	0.784
7 a	0.799	0.588	0.714	0.527	0.925	0.524	1.152	0.527	0.951	0.595	0.741	0.581	1.049	0.576	0.964	0.511	0.713	0.501	0.992	0.547
b	0.803	0.595	0.712	0.529	0.921	0.528	1.147	0.534	0.978	0.579	0.735	0.567	1.050	0.582	0.964	0.513	0.706	0.500	0.988	0.555
8 a	0.795	0.801	0.702	0.682	0.927	0.692	1.150	0.886	0.969	0.664	0.731	0.844	1.010	0.611	0.954	0.687	0.701	0.655	0.980	0.615
b	0.791	0.828	0.710	0.688	0.930	0.689	1.149	0.891	0.954	0.675	0.727	0.817	1.018	0.619	0.951	0.691	0.695	0.656	0.982	0.627
9 a	0.782	0.582	0.704	0.506	0.921	0.649	1.128	0.593	0.956	0.598	0.720	0.564	0.985	0.528	0.949	0.507	0.664	0.502	0.967	0.663
b	0.778	0.596	0.705	0.512	0.925	0.663	1.126	0.594	0.957	0.611	0.725	0.597	0.983	0.532	0.950	0.507	0.652	0.500	0.927	0.658
10 a	0.767	1.000	0.687	0.873	0.913	1.000	1.165	0.819	0.951	1.000	0.708	1.000	0.979	0.627	0.951	0.866	0.652	0.894	0.841	0.848
b	0.761	1.000	0.692	0.909	0.919	1.000	1.167	0.824	0.952	1.000	0.705	1.000	0.981	0.629	0.935	0.873	0.651	0.891	0.838	0.855
11 a	0.759	0.673	0.621	0.513	0.873	0.531	1.152	0.502	0.943	0.596	0.699	0.549	0.957	0.550	0.927	0.529	0.644	0.556	0.839	0.538
b	0.764	0.666	0.618	0.505	0.877	0.524	1.158	0.513	0.949	0.603	0.704	0.555	0.953	0.550	0.920	0.533	0.648	0.560	0.833	0.537
12 a	0.753	0.507	0.582	0.739	0.868	0.638	1.044	0.654	0.912	0.637	0.696	0.621	0.946	0.762	0.921	0.695	0.639	0.640	0.831	0.671
b	0.750	0.506	0.576	0.738	0.865	0.634	1.051	0.652	0.908	0.632	0.695	0.612	0.949	0.760	0.924	0.683	0.634	0.642	0.832	0.667
13 a	0.634	0.812	0.567	1.000	0.854	0.896	1.047	1.000	0.894	0.848	0.693	0.785	0.920	0.679	0.923	1.000	0.620	1.000	0.825	0.817
b	0.637	0.841	0.572	1.000	0.862	0.883	1.044	1.000	0.887	0.885	0.690	0.804	0.924	0.680	0.919	1.000	0.619	1.000	0.830	0.824
14 a	0.630	0.605	0.558	0.516	0.815	0.723	1.004	0.522	0.846	0.511	0.686	0.513	0.863	0.538	0.872	0.534	0.605	0.501	0.822	0.584
b	0.635	0.588	0.561	0.511	0.822	0.739	1.002	0.526	0.851	0.516	0.683	0.515	0.870	0.536	0.865	0.530	0.603	0.501	0.818	0.575
15 a	0.630	0.637	0.549	0.694	0.808	0.618	0.997	0.611	0.822	0.664	0.642	0.646	0.860	0.781	0.834	0.646	0.604	0.698	0.813	0.627
b	0.632	0.643	0.545	0.688	0.798	0.622	0.998	0.609	0.811	0.681	0.651	0.661	0.864	0.784	0.826	0.640	0.604	0.695	0.795	0.633

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	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI
16 a	0.625	0.689	0.546	0.603	0.728	0.634	0.932	0.704	0.815	0.653	0.611	0.667	0.824	0.755	0.825	0.624	0.602	0.621	0.806	0.703
	0.623	0.677	0.547	0.601	0.727	0.630	0.939	0.695	0.814	0.656	0.607	0.668	0.830	0.777	0.824	0.622	0.602	0.625	0.797	0.706
17 a	0.618	1.000	0.546	0.832	0.724	0.663	0.935	0.782	0.817	0.841	0.605	0.712	0.825	0.712	0.794	1.000	0.604	0.851	0.801	0.849
b	0.621	1.000	0.546	0.835	0.729	0.663	0.934	0.775	0.808	0.776	0.607	0.705	0.826	0.709	0.788	1.000	0.607	0.847	0.753	0.846
18 a	0.616	1.000	0.545	1.000	0.723	1.000	0.931	1.000	0.806	1.000	0.580	1.000	0.824	0.664	0.781	1.000	0.600	0.866	0.765	1.000
b	0.617	1.000	0.543	1.000	0.722	1.000	0.932	1.000	0.811	1.000	0.585	1.000	0.825	0.659	0.788	1.000	0.601	0.855	0.761	1.000
19 a	0.611	0.584	0.541	0.505	0.723	0.607	0.914	0.548	0.785	0.511	0.591	0.504	0.711	0.684	0.723	0.510	0.585	0.521	0.752	0.507
b	0.605	0.569	0.544	0.506	0.727	0.588	0.917	0.540	0.779	0.506	0.586	0.506	0.705	0.688	0.721	0.510	0.579	0.523	0.757	0.507
20 a	0.547	0.506	0.536	0.582	0.683	0.511	0.883	0.516	0.764	0.500	0.556	0.505	0.699	0.515	0.717	0.503	0.562	0.516	0.706	0.502
b	0.553	0.508	0.538	0.595	0.678	0.509	0.878	0.520	0.771	0.504	0.549	0.506	0.696	0.517	0.718	0.502	0.563	0.510	0.705	0.503
21 a	0.531	0.729	0.525	0.608	0.665	0.698	0.872	0.689	0.728	0.777	0.534	0.622	0.689	0.675	0.717	0.654	0.512	1.000	0.684	0.729
b	0.526	0.732	0.522	0.615	0.671	0.697	0.871	0.687	0.734	0.782	0.546	0.628	0.685	0.679	0.718	0.652	0.504	1.000	0.681	0.723
22 a	0.522	0.504	0.520	0.506	0.667	0.525	0.688	0.514	0.636	0.509	0.540	0.513	0.671	0.567	0.679	0.520	0.501	0.530	0.647	0.556
b	0.518	0.504	0.522	0.508	0.668	0.520	0.683	0.518	0.631	0.513	0.542	0.513	0.667	0.564	0.668	0.521	0.495	0.529	0.649	0.561
23 a	0.513	0.505	0.516	0.647	0.614	0.620	0.813	0.711	0.628	0.674	0.541	0.613	0.662	0.652	0.665	0.600	0.500	0.678	0.629	0.676
b	0.515	0.505	0.513	0.657	0.616	0.622	0.791	0.705	0.632	0.672	0.533	0.618	0.653	0.655	0.672	0.623	0.502	0.678	0.635	0.665
24 a	0.510	0.656	0.497	0.650	0.613	0.678	0.764	0.669	0.624	0.681	0.524	0.664	0.651	0.668	0.671	0.656	0.479	1.000	0.600	0.748
b	0.515	0.648	0.505	0.654	0.605	0.676	0.758	0.673	0.628	0.683	0.522	0.664	0.653	0.669	0.667	0.660	0.495	1.000	0.612	0.749
25 a	0.512	0.729	0.499	1.000	0.607	1.000	0.718	0.795	0.609	0.813	0.501	1.000	0.636	1.000	0.655	1.000	0.413	0.634	0.610	0.892
b	0.511	0.724	0.502	1.000	0.609	1.000	0.720	0.790	0.605	0.811	0.507	1.000	0.639	0.899	0.662	1.000	0.400	0.630	0.611	0.885
26 a	0.457	0.503	0.489	0.503	0.521	0.572	0.613	0.504	0.613	0.509	0.502	0.737	0.584	0.658	0.654	0.502	0.398	0.513	0.568	0.503
b	0.460	0.502	0.491	0.507	0.513	0.552	0.619	0.506	0.612	0.518	0.504	0.741	0.572	0.659	0.661	0.507	0.401	0.517	0.566	0.501
27 a	0.449	0.632	0.362	0.680	0.570	0.605	0.610	0.633	0.612	0.622	0.435	0.646	0.571	1.000	0.612	0.641	0.395	0.749	0.535	0.617
b	0.448	0.638	0.356	0.678	0.509	0.603	0.619	0.632	0.607	0.632	0.433	0.642	0.568	1.000	0.610	0.641	0.400	0;722	0.567	0.610
28 a	0.445	1.000	0.346	1.000	0.421	1.000	0.607	1.000	0.518	1.000	0.432	0.824	0.509	1.000	0.597	0.782	0.381	1.000	0.544	0.606
b	0.450	1.000	0.353	1.000	0.419	1.000	0.601	1.000	0.512	1.000	0.431	0.831	0.503	1.000	0.595	0.792	0.393	1.000	0.511	0.607
29 a	0.407	1.000	0.317	1.000	0.407	1.000	0.588	1.000	0.503	1.000	0.435	1.000	0.387	1.000	0.508	1.000	0.365	1.000	0.501	1.000
b	0.413	1.000	0.325	0.799	0.414	1.000	0.579	1.000	0.505	1.000	0.421	1.000	0.385	1.000	0.509	1.000	0.371	1.000	0.503	1.000
30 a	0.372	1.000	0.294	1.000	0.386	1.000	0.488	1.000	0.411	0.632	0.383	1.000	0.325	1.000	0.373	1.000	0.297	1.000	0.448	1.000
b	0.373	1.000	0.301	1.000	0.387	1.000	0.397	1.000	0.409	0.647	0.326	1.000	0.311	1.000	0.377	1.000	0.301	1.000	0.443	1.000

ปลาเทโพ

	เทโพ 1		เทโพ 2		เทโพ 3		เทโพ 4		เทโพ 5		เทโพ 6		เทโพ 7		เทโพ 8		เทโพ 9		เทโพ 10	
	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI
1 a	1.521	0.681	1.287	0.634	2.011	0.638	1.205	0.697	1.244	0.621	1.047	0.645	1.315	0.674	1.947	0.681	1.229	0.769	2.184	0.691
b	1.496	0.680	1.245	0.642	2.005	0.641	1.238	0.691	1.231	0.622	1.052	0.644	1.307	0.670	1.935	0.691	1.176	0.823	2.156	0.691
2 a	1.412	0.693	1.175	0.694	1.876	0.684	1.205	0.705	1.184	0.767	0.989	0.567	1.294	0.696	1.738	0.676	1.123	0.663	2.149	0.738
b	1.384	0.689	1.224	0.713	1.884	0.688	1.200	0.705	1.227	0.771	0.994	0.565	1.288	0.693	1.731	0.679	1.131	0.662	2.072	0.741
3 a	1.382	0.793	1.136	1.000	1.614	0.810	1.147	0.827	1.137	0.806	0.915	0.648	1.201	0.805	1.527	0.795	1.025	0.800	2.065	0.824
b	1.386	0.830	1.129	1.000	1.597	0.816	1.193	0.847	1.144	0.814	0.916	0.650	1.195	0.807	1.530	0.799	1.114	0.788	2.008	0.799
4 a	1.187	0.661	0.986	0.702	1.595	0.629	0.953	0.672	1.048	0.510	0.886	0.660	1.114	0.667	1.533	0.674	1.059	0.660	1.833	0.661
b	1.196	0.676	1.987	0.700	1.601	0.632	0.941	0.675	1.046	0.511	0.889	0.664	1.106	0.667	1.534	0.676	1.034	0.636	1.825	0.662
5 a	1.103	0.528	0.980	0.523	1.522	0.544	0.962	0.512	1.044	0.512	0.881	0.515	1.054	0.517	1.518	0.600	1.043	0.544	1.644	0.525
b	1.110	0.528	0.982	0.522	1.540	0.549	0.959	0.510	1.045	0.513	0.874	0.514	1.050	0.518	1.522	0.601	1.009	0.550	1.598	0.533
6 a	1.087	0.515	0.980	0.508	1.541	0.555	0.938	0.502	1.026	0.508	0.836	0.574	1.003	0.543	1.481	0.529	0.968	0.501	1.616	0.513
b	1.089	0.521	0.982	0.506	1.517	0.557	0.922	0.503	1.029	0.507	0.835	0.580	1.000	0.542	1.486	0.528	0.977	0.501	1.619	0.515
7 a	1.089	0.655	0.982	0.665	1.514	0.664	0.930	0.657	1.013	0.699	0.773	0.515	0.985	0.657	1.485	0.767	0.944	0.663	1.620	0.657
b	1.090	0.663	0.983	0.669	1.516	0.672	0.927	0.669	1.006	0.707	0.768	0.514	0.988	0.655	1.482	0.760	0.923	0.664	1.582	0.645
8 a	1.077	0.697	0.835	0.613	1.511	0.710	0.922	0.673	0.992	0.672	0.718	0.610	0.964	0.678	1.325	0.629	0.886	0.680	1.557	0.656
b	1.070	0.695	0.839	0.611	1.509	0.708	0.919	0.677	0.990	0.672	0.721	0.616	0.971	0.678	0.323	0.621	0.880	0.682	1.588	0.668
9 a	1.044	0.543	0.842	0.507	1.476	0.667	0.848	0.513	0.984	0.536	0.725	0.528	0.958	0.545	1.315	0.505	0.876	0.557	1.503	0.510
b	1.069	0.544	0.840	0509	1.483	0.670	0.834	0.512	0.988	0.532	0.727	0.528	0.959	0.550	1.328	0.503	0.875	0.553	0.526	0.514
10 a	1.008	1.000	0.824	1.000	1.464	0.822	0.798	1.000	0.883	1.000	0.689	1.000	0.944	1.000	1.311	0.766	0.870	0.882	1.479	0.769
b	1.012	1.000	0.818	1.000	1.459	0.827	0.794	1.000	0.891	1.000	0.693	1.000	0.946	1.000	1.320	0.775	0.866	0.891	1.486	0.772
11 a	0.962	0.656	0.809	0.540	1.410	0.521	0.799	0.567	0.879	0.522	0.680	0.511	0.943	0.537	1.322	0.589	0.869	0.576	1.481	0.652
b	0.968	0.662	0.813	0.545	1.398	0.527	0.792	0.574	0.875	0.521	0.682	0.520	0.940	0.540	1.323	0.596	0.862	0.570	1.479	0.661
12 a	0.958	0.655	0.806	0.644	1.381	0.694	0.749	0.627	0.881	0.644	0.681	0.714	0.891	0.747	1.260	0.716	0.848	0.722	1.433	0.638
b	0.957	0.655	0.785	0.676	1.374	0.688	0.742	0.619	0.883	0.640	0.673	0.716	0.884	0.756	1.263	0.720	0.822	0.729	1.397	0.635
13 a	0.909	0.777	0.762	1.000	1.358	0.827	0.674	1.000	0.814	1.000	0.628	1.000	0.878	1.000	1.265	0.825	0.831	1.000	1.424	0.696
b	0.915	0.780	0.773	1.000	1.355	0.829	0.672	1.000	0.819	1.000	0.623	1.000	0.875	1.000	1.264	0.830	0.827	1.000	1.386	0.696
14 a	0.896	0.576	0.759	0.524	1.354	0.514	0.665	0.517	0.797	0.516	0.630	0.504	0.724	0.567	1.184	0.515	0.811	0.511	1.403	0.537
b	0.907	0.568	0.764	0.530	1.353	0.511	0.672	0.518	0.795	0.512	0.632	0.507	0.733	0.573	1.202	0.513	0.806	0.506	1.405	0.542
15 a	0.893	0.641	0.760	0.622	1.351	0.507	0.664	0.507	0.728	0.726	0.598	0.712	0.721	0.544	1.152	0.665	0.787	0.671	1.401	0.636
b	0.887	0.643	0.762	0.618	1.349	0.505	0.666	0.505	0.721	0.729	0.596	0.713	0.728	0.464	1.159	0.652	0.795	0.669	1.392	0.630

ปลาเทโพ

	เทโพ 1		เทโพ 2		เทโพ 3		เทโพ 4		เทโพ 5		เทโพ 6		เทโพ 7		เทโพ 8		เทโพ 9		เทโพ 10	
	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI
16 a	0.885	0.811	0.727	0.710	1.286	0.698	0.641	0.627	0.689	0.634	0.597	0.639	0.730	0.620	1.148	0.623	0.791	0.765	1.383	0.632
b	0.890	0.819	0.724	0.703	1.291	0.695	0.647	0.623	0.684	0.635	0.594	0.637	0.716	0.624	1.140	0.627	0.789	0.763	1.387	0.632
17 a	0.891	0.528	0.702	0.524	1.233	0.719	0.635	0.515	0.632	0.532	0.589	0.588	0.718	0.628	1.075	0.510	0.699	0.578	1.321	0.501
b	0.887	0.526	0.700	0.527	1.240	0.716	0.631	0.518	0.645	0.525	0.596	0.592	0.715	0.624	1.108	0.507	0.704	0.577	1.328	0.503
18 a	0.837	0.788	0.697	1.000	1.185	1.000	0.629	1.000	0.637	1.000	0.543	0.694	0.713	1.000	1.079	1.000	0.715	1.000	1.303	0.805
b	0.825	0.832	0.704	1.000	1.187	1.000	0.632	1.000	0.639	1.000	0.544	0.691	0.711	1.000	1.094	1.000	0.714	1.000	1.308	0.801
19 a	0.838	0.507	0.675	0.517	1.148	0.530	0.628	0.502	0.635	0.673	0.537	0.520	0.688	0.501	1.033	0.533	0.611	0.535	1.273	0.543
b	0.836	0.511	0.686	0.516	1.152	0.521	0.627	0.504	0.638	0.677	0.535	0.520	0.688	0.501	1.028	0.536	0.626	0.540	1.285	0.542
20 a	0.813	0.526	0.677	0.532	1.132	0.501	0.627	0.565	0.635	0.550	0.527	0.512	0.681	0.509	0.993	0.517	0.607	0.519	1.165	0.520
b	0.798	0.535	0.673	0.532	1.115	0.501	0.625	0.564	0.635	0.550	0.526	0.513	0.680	0.508	1.011	0.515	0.609	0.521	1.203	0.522
21 a	0.807	0.682	0.671	1.000	1.107	0.683	0.621	1.000	0.627	1.000	0.526	1.000	0.678	1.000	0.989	0.795	0.596	0.681	1.170	0.738
b	0.804	0.686	0.665	1.000	1.111	0.684	0.624	1.000	0.628	1.000	0.526	1.000	0.675	1.000	0.974	0.807	0.607	0.672	1.196	0.710
22 a	0.762	0.671	0.658	0.649	1.095	0.652	0.617	0.656	0.620	0.724	0.507	0.627	0.664	0.665	0.976	0.504	0.581	0.678	1.124	0.512
b	0.757	0.681	0.659	0.649	1.091	0.648	0.620	0.657	0.619	0.730	0.505	0.627	0.660	0.656	0.952	0.510	0.586	0.674	1.153	0.513
23 a	0.738	0.515	0.607	0.543	1.023	0.503	0.621	0.518	0.597	0.822	0.526	0.502	0.639	0.655	0.937	0.545	0.564	0.544	1.094	0.502
b	0.745	0.518	0.635	0.546	1.018	0.503	0.622	0.522	0.593	0.808	0.505	0.502	0.619	0.651	0.945	0.546	0.587	0.538	1.137	0.507
24 a	0.714	1.000	0.613	1.000	1.014	1.000	0.611	1.000	0.548	1.000	0.501	1.000	0.598	1.000	0.932	1.000	0.573	1.000	1.086	1.000
b	0.716	1.000	0.626	1.000	1.007	1.000	0.612	1.000	0.554	1.000	0.502	1.000	0.593	1.000	0.936	1.000	0.570	1.000	1.091	1.000
25 a	0.701	1.000	0.541	1.000	0.993	1.000	0.592	1.000	0.511	1.000	0.50	1.000	0.517	1.000	0.921	1.000	0.507	1.000	1.065	1.000
b	0.708	1.000	0.537	1.000	0.995	1.000	0.611	1.000	0.507	1.000	0.503	1.000	0.515	1.000	0.927	1.000	0.512	1.000	1.059	1.000
26 a	0.603	0.548	0.512	0.511	0.974	0.523	0.544	0.513	0.492	1.000	0.454	0.538	0.509	0.513	0.797	0.503	0.508	0.516	1.017	0.532
b	0.608	0.544	0.510	0.514	0.979	0.518	0.538	0.515	0.488	0.739	0.450	0.540	0.511	0.513	0.795	0.502	0.509	0.520	0.989	0.528
27 a	0.622	1.000	0.510	1.000	0.961	1.000	0.513	0.715	0.476	0.742	0.430	1.000	0.476	1.000	0.710	1.000	0.505	1.000	0.944	1.000
b	0.617	1.000	0.508	1.000	0.956	1.000	0.509	0.717	0.479	1.000	0.423	1.000	0.475	1.000	0.684	1.000	0.510	1.000	0.951	1.000
28 a	0.542	1.000	0.397	1.000	0.824	1.000	0.462	1.000	0.314	1.000	0.373	1.000	0.439	1.000	0.441	1.000	0.478	1.000	0.937	1.000
b	0.548	1.000	0.501	1.000	0.857	1.000	0.455	1.000	0.313	1.000	0.376	1.000	0.442	1.000	0.449	1.000	0.473	1.000	0.892	1.000
29 a	0.488	1.000	0.459	1.000	0.803	1.000	0.427	1.000	0.310	1.000	0.284	1.000	0.404	1.000	0.356	1.000	0.425	1.000	0.871	1.000
b	0.486	1.000	0.463	1.000	0.787	1.000	0.431	1.000	0.311	1.000	0.281	1.000	0.422	1.000	0.363	1.000	0.418	1.000	0.878	1.000
30 a	0.328	1.000	0.418	1.000	0.615	1.000	0.419	1.000	0.304	1.000	0.279	1.000	0.402	1.000	0.344	1.000	0.356	1.000	0.611	1.000
b	0.374	1.000	0.424	1.000	0.621	1.000	0.423	1.000	0.306	1.000	0.277	1.000	0.405	1.000	0.338	1.000	0.366	1.000	0.586	1.000

ปลาสังกะวาด

	สังกะวาด 1		สังกะวาด 2		สังกะวาด 3		สังกะวาด 4		สังกะวาด 5		สังกะวาด 6		สังกะวาด 7		สังกะวาด 8		สังกะวาด 9		สังกะวาด 10	
	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI
1 a	1.106	0.697	0.930	0.689	0.817	0.617	0.802	0.774	1.123	0.671	0.817	0.655	1.078	0.678	1.302	0.615	0.837	0.650	0.803	0.647
b	1.156	0.702	0.935	0.678	0.811	0.617	0.789	0.772	1.118	0.673	0.774	0.664	1.055	0.676	1.113	0.625	0.825	0.646	0.788	0.646
2 a	1.066	0.680	0.921	0.637	0.789	0.706	0.738	0.664	1.108	0.659	0.765	0.730	1.032	0.699	1.024	0.653	0.834	0.516	0.646	0.658
b	0.983	0.686	0.915	0.638	0.793	0.695	0.730	0.651	1.105	0.653	0.803	0.737	1.025	0.699	1.013	0.643	0.821	0.514	0.653	0.650
3 a	0.961	0.703	0.852	0.656	0.765	0.642	0.710	0.698	1.113	0.803	0.762	0.822	0.992	0.632	0.956	0.757	0.823	0.655	0.647	0.635
b	0.947	0.703	0.861	0.658	0.786	0.644	0.718	0.969	1.087	0.779	0.767	0.804	0.985	0.637	0.975	0.749	0.821	0.660	0.640	0.632
4 a	0.915	0.678	0.853	0.549	0.762	0.604	0.687	0.511	1.047	0.511	0.679	0.508	0.913	0.662	0.969	0.548	0.818	0.658	0.645	0.501
b	0.930	0.680	0.855	0.552	0.751	0.590	0.696	0.508	1.051	0.512	0.674	0.511	0.899	0.650	0.978	0.540	0.822	0.653	0.645	0.500
5 a	0.876	1.000	0.757	0.801	0.694	1.000	0.686	1.000	1.025	1.000	0.761	1.000	0.875	1.000	0.950	0.808	0.990	0.775	0.621	1.000
b	0.883	0.805	0.764	0.834	0.687	1.000	0.692	1.000	1.036	0.800	0.759	1.000	0.870	1.000	0.954	0.790	0.792	0.774	0.617	1.000
6 a	0.863	0.662	0.768	0.715	0.656	0.713	0.684	0.670	1.021	0.688	0.663	0.687	0.865	0.773	0.947	0.677	0.796	0.774	0.591	0.812
b	0.871	0.657	0.769	0.721	0.637	0.724	0.682	0.672	1.015	0.688	0.665	0.689	0.866	0.775	0.945	0.676	0.793	0.766	0.592	0.803
7 a	0.801	0.564	0.712	0.520	0.623	0.510	0.676	0.527	0.966	0.571	0.670	0.541	0.842	0.519	0.922	0.501	0.775	0.507	0.567	0.526
b	0.792	0.557	0.718	0.519	0.619	0.506	0.679	0.527	0.967	0.577	0.669	0.516	0.839	0.518	0.929	0.503	0.781	0.508	0.598	0.521
8 a	0.775	0.627	0.718	0.627	0.568	0.652	0.634	0.764	0.950	0.670	0.593	0.646	0.825	0.701	0.807	0.604	0.748	0.635	0.566	0.519
b	0.778	0.620	0.721	0.619	0.577	0.661	0.629	0.760	0.947	0.665	0.597	0.645	0.818	0.692	0.812	0.608	0.753	0.627	0.575	0.517
9 a	0.762	0.652	0.635	0.764	0.556	0.547	0.605	0.740	0.948	0.720	0.591	0.645	0.788	0.713	0.808	0.751	0.730	0.660	0.568	0.538
b	0.767	0.657	0.645	0.765	0.656	0.550	0.600	0.744	0.941	0.729	0.588	0.653	0.796	0.715	0.814	0.794	0.742	0.644	0.559	0.544
10 a	0.755	0.540	0.623	0.507	0.563	1.568	0.587	0.516	0.918	0.509	0.534	0.507	0.737	0.517	0.802	0.505	0.697	0.527	0.491	0.613
b	0.749	0.541	0.628	0.502	0.540	0.579	0.581	0.516	0.917	0.521	0.541	0.506	0.762	0.514	0.807	0.506	0.725	0.530	0.537	0.614
11 a	0.733	0.710	0.624	0.505	0.550	0.502	0.573	0.506	0.911	0.512	0.522	0.509	0.729	0.510	0.756	0.523	0.664	0.544	0.504	0.627
b	0.737	0.712	0.625	0.505	0.553	1.501	0.577	0.506	0.905	0.510	0.515	0.507	0.733	0.516	0.759	0.527	0.669	0.538	0.488	0.624
12 a	0.725	0.719	0.623	0.655	0.549	0.633	0.525	0.731	0.893	0.723	0.511	0.673	0.725	0.610	0.744	0.671	0.622	0.734	0.478	0.569
b	0.726	0.719	0.621	0.663	0.551	0.646	0.518	0.739	0.896	0.715	0.525	0.672	0.724	0.611	0.738	0.676	0.624	0.725	0.486	0.568
13 a	0.678	0.300	0.621	0.795	0.541	1.000	0.512	1.000	0.895	0.787	0.482	1.000	0.721	0.787	0.722	0.789	0.620	1.000	0.465	1.000
b	0.702	0.503	0.622	0.799	0.536	1.000	0.519	1.000	0.894	0.764	0.479	1.000	0.708	0.780	0.731	0.794	0.615	1.000	0.469	1.000
14 a	0.676	1.000	0.619	0.674	0.536	1.000	0.487	0.735	0.824	0.691	0.457	0.642	0.711	0.672	0.725	0.612	0.619	0.745	0.425	1.000
b	0.680	1.000	0.620	0.676	0.533	1.000	0.490	0.729	0.839	0.672	0.462	0.644	0.709	0.674	0.724	0.617	0.616	0.748	0.431	1.000
15 a	0.671	0.510	0.593	0.642	0.504	0.538	0.462	0.725	0.824	0.657	0.445	0.656	0.620	0.667	0.724	0.671	0.607	0.733	0.422	0.524
b	0.665	0.518	0.597	0.643	0.510	0.537	0.458	0.727	0.826	0.663	0.439	0.658	0.615	0.663	0.723	0.675	0.613	0.732	0.427	0.526

ปลาสังกะวาด

	สังกะวาด 1		สังกะวาด 2		สังกะวาด 3		สังกะวาด 4		สังกะวาด 5		สังกะวาด 6		สังกะวาด 7		สังกะวาด 8		สังกะวาด 9		สังกะวาด 10	
	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI
16 a	0.647	0.512	0.576	0.502	0.471	0.505	0.460	0.637	0.819	0.506	0.441	0.508	0.609	0.511	0.706	0.513	0.528	0.564	0.418	0.555
b	0.652	0.508	0.569	0.502	0.473	0.505	0.457	0.640	0.823	0.505	0.435	0.508	0.612	0.511	0.712	0.513	0.533	0.558	0.420	0.560
17 a	0.641	0.839	0.561	1.000	0.477	1.000	0.441	1.000	0.801	1.000	0.434	1.000	0.608	1.000	0.631	0.614	0.504	1.000	0.417	1.000
b	0.637	0.832	0.557	1.000	0.479	1.000	0.437	1.000	0.782	1.000	0.435	1.000	0.605	1.000	0.628	0.612	0.586	1.000	0.414	1.000
18 a	0.638	0.534	0.511	0.530	0.455	0.508	0.440	0.537	0.689	0.543	0.432	0.532	0.594	0.572	0.623	0.556	0.509	0.522	0.415	0.504
b	0.633	0.536	0.509	0.528	0.457	0.508	0.437	0.541	0.722	0.551	0.428	0.535	0.601	0.580	0.621	0.557	0.506	0.522	0.416	0.505
19 a	0.614	0.548	0.508	0.577	0.449	0.682	0.414	0.521	0.636	0.509	0.423	0.511	0.592	0.508	0.617	0.564	0.500	0.556	0.413	0.513
b	0.623	0.542	0.503	0.584	0.447	0.688	0.409	0.513	0.642	0.507	0.420	0.516	0.596	0.510	0.615	0.563	0.515	0.548	0.411	0.514
20 a	0.612	0.790	0.501	1.000	0.448	1.000	0.413	1.000	0.635	0.747	0.412	1.000	0.551	1.000	0.616	1.000	0.492	1.000	0.404	1.000
b	0.611	0.784	0.504	1.000	0.447	1.000	0.410	1.000	0.629	0.752	0.409	1.000	0.546	0.830	0.614	1.000	0.495	1.000	0.408	1.000
21 a	0.603	1.000	0.497	0.714	0.436	0.681	0.408	1.000	0.620	1.000	0.398	1.000	0.545	1.000	0.609	1.000	0.469	0.804	0.403	1.000
b	0.605	1.000	0.490	0.716	0.439	0.686	0.409	1.000	0.627	0.788	0.407	1.000	0.528	1.000	0.611	1.000	0.482	1.000	0.401	1.000
22 a	0.581	0.511	0.470	0.524	0.430	0.521	0.408	0.687	0.615	0.554	0.397	0.531	0.532	0.513	0.552	0.514	0.471	0.643	0.401	0.673
b	0.576	0.514	0.475	0.525	0.432	0.521	0.405	0.682	0.618	0.549	0.401	0.526	0.535	0.518	0.547	0.514	0.473	0.641	0.402	0.679
23 a	0.577	0.544	0.476	0.667	0.415	0.655	0.403	0.526	0.606	0.705	0.399	0.682	0.522	0.651	0.549	0.705	0.470	0.674	0.396	0.684
b	0.576	0.546	0.479	0.669	0.416	0.649	0.400	0.528	0.606	0.714	0.398	0.686	0.527	0.645	0.550	0.705	0.471	0.673	0.401	0.666
24 a	0.571	1.000	0.468	0.600	0.411	0.701	0.362	0.675	0.600	0.720	0.393	0.679	0.513	0.667	0.548	0.647	0.472	0.689	0.382	0.649
b	0.569	1.000	0.467	0.624	0.405	0.720	0.366	0.677	0.602	0.709	0.387	0.674	0.507	0.662	0.546	0.651	0.454	0.689	0.367	0.649
25 a	0.568	1.000	0.452	1.000	0.404	1.000	0.372	1.000	0.576	0.793	0.386	1.000	0.473	1.000	0.535	1.000	0.393	1.000	0.350	0.631
b	0.568	1.000	0.459	1.000	0.401	1.000	0.369	1.000	0.569	0.785	0.384	1.000	0.468	1.000	0.530	1.000	0.388	1.000	0.361	0.640
26 a	0.567	1.000	0.431	1.000	0.396	1.000	0.320	1.000	0.558	0.779	0.377	1.000	0.455	1.000	0.501	1.000	0.384	0.706	0.324	1.000
b	0.566	1.000	0.437	1.000	0.399	1.000	0.327	1.000	0.556	0.773	0.375	1.000	0.452	1.000	0.503	1.000	0.386	0.705	0.326	1.000
27 a	0.534	1.000	0.401	1.000	0.398	1.000	0.303	1.000	0.503	0.761	0.369	1.000	0.436	1.000	0.467	1.000	0.385	1.000	0.319	1.000
b	0.525	1.000	0.398	1.000	0.393	1.000	0.305	1.000	0.411	0.754	0.366	1.000	0.429	1.000	0.471	1.000	0.380	1.000	0.307	1.000
28 a	0.481	1.000	0.382	1.000	0.385	1.000	0.278	1.000	0.405	1.000	0.360	1.000	0.425	1.000	0.455	1.000	0.381	1.000	0.305	1.000
b	0.479	1.000	0.386	1.000	0.387	1.000	0.281	1.000	0.402	1.000	0.362	1.000	0.423	1.000	0.449	1.000	0.382	1.000	0.309	1.000
29 a	0.354	1.000	0.387	1.000	0.344	1.000	0.277	1.000	0.397	1.000	0.265	1.000	0.407	1.000	0.422	1.000	0.381	1.000	0.300	1.000
b	0.357	1.000	0.384	1.000	0.359	1.000	0.252	1.000	0.399	1.000	0.259	1.000	0.401	1.000	0.425	1.000	0.377	1.000	0.302	1.000
30 a	0.323	1.000	0.327	1.000	0.306	1.000	0.280	0.629	0.313	1.000	0.245	1.000	0.304	1.000	0.309	1.000	0.295	1.000	0.220	1.000
b	0.312	1.000	0.382	1.000	0.313	1.000	0.244	0.672	0.321	1.000	0.242	1.000	0.315	1.000	0.301	1.000	0.301	1.000	0.252	1.000

ปลาสายยู

	สายยู 1		สายยู 2		สายยู 3		สายยู 4		สายยู 5		สายยู 6		สายยู 7		สายยู 8		สายยู 9		สายยู ข	
	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI
1 a	1.194	0.678	1.147	0.742	1.206	0.747	1.303	0.734	0.843	0.747	0.993	0.747	0.976	0.623	1.114	0.679	0.812	0.679	0.967	0.676
b	1.123	0.684	1.154	0.740	1.206	0.745	1.391	0.738	0.784	0.728	1.001	0.738	0.975	0.608	1.119	0.676	0.739	0.652	0.965	0.677
2 a	1.087	1.000	1.037	0.787	1.143	0.836	1.221	0.716	0.812	0.812	0.999	0.916	0.925	0.708	1.005	0.790	0.780	1.000	0.958	0.862
b	1.074	1.000	1.033	0.789	1.147	0.798	1.193	0.719	0.823	0.765	0.995	0.923	0.922	0.696	1.013	0.790	0.779	1.000	0.956	0.838
3 a	1.059	0.542	1.026	0.671	1.081	0.502	1.214	0.562	0.810	0.503	0.906	0.576	0.917	0.583	0.964	0.561	0.763	0.707	0.853	0.687
b	1.047	0.534	1.025	0.677	1.075	0.500	1.195	0.557	0.805	0.503	0.885	0.569	0.911	0.591	0.963	0.559	0.769	0.715	0.850	0.692
4 a	1.028	0.680	1.021	0.738	1.023	0.742	1.118	0.680	0.813	0.607	0.954	0.701	0.884	0.647	0.912	0.666	0.723	0.514	0.801	0.740
b	1.033	0.676	1.027	0.737	1.038	0.743	1.107	0.683	0.811	0.609	0.956	0.704	0.889	0.647	0.918	0.669	0.720	0.519	0.814	0.731
5 a	0.994	0.676	1.015	0.675	0.987	0.546	1.105	0.669	0.813	0.515	0.875	0.679	0.802	0.629	0.834	0.675	0.689	0.697	0.776	0.689
b	0.987	0.678	1.008	0.776	0.989	0.548	1.118	0.659	0.800	0.528	0.876	0.678	0.806	0.587	0.840	0.681	0.692	0.703	0.781	0.686
6 a	0.988	0.554	0.992	0.505	0.986	0.502	1.102	0.502	0.798	0.583	0.801	0.573	0.811	0.521	0.835	0.500	0.647	0.511	0.746	0.501
b	0.985	0.554	0.986	0.506	0.986	0.503	1.118	0.501	0.801	0.592	0.784	0.579	0.810	0.515	0.831	0.501	0.640	0.515	0.744	0.501
7 a	0.917	0.698	0.986	0.785	0.990	0.814	1.105	0.821	0.756	0.717	0.777	0.708	0.755	0.799	0.798	1.000	0.644	1.000	0.735	0.818
b	0.898	0.699	0.989	0.791	0.981	0.768	1.115	0.819	0.763	0.714	0.775	0.710	0.747	0.798	0.866	1.000	0.644	1.000	0.731	0.851
8 a	0.901	0.610	0.998	0.710	0.976	0.710	1.013	0.706	0.749	0.724	0.768	0.671	0.737	0.653	0.805	0.647	0.631	0.739	0.722	0.749
b	0.897	0.614	0.977	0.709	0.969	0.706	0.986	0.701	0.738	0.732	0.761	0.678	0.739	0.651	0.807	0.654	0.627	0.764	0.738	0.736
9 a	0.876	0.582	0.921	0.527	0.953	0.524	1.018	0.531	0.742	0.507	0.764	0.540	0.693	0.617	0.725	0.502	0.628	0.693	0.733	0.503
b	0.867	0.588	0.913	0.527	0.946	0.525	0.980	0.531	0.725	0.509	0.760	0.542	0.688	0.618	0.729	0.502	0.628	0.694	0.719	0.506
10 a	0.863	1.000	0.824	0.793	0.945	0.787	0.975	0.799	0.701	0.856	0.748	1.000	0.675	0.680	0.705	0.672	0.614	1.000	0.723	1.000
b	0.859	1.000	0.831	0.818	0.946	0.796	1.016	0.802	0.695	1.000	0.745	1.000	0.676	0.673	0.707	0.665	0.599	1.000	0.721	1.000
11 a	0.855	0.554	0.796	0.735	0.937	0.567	0.984	0.589	0.626	0.534	0.654	0.563	0.636	0.519	0.695	0.504	0.606	0.507	0.694	0.545
b	0.853	0.560	0.804	0.736	0.939	0.573	0.988	0.587	0.628	0.528	0.649	0.565	0.632	0.519	0.690	0.503	0.614	0.507	0.693	0.546
12 a	0.772	0.745	0.792	0.710	0.928	0.744	0.957	0.692	0.635	0.612	0.652	0.626	0.620	0.681	0.624	0.546	0.601	0.502	0.651	0.639
b	0.775	0.748	0.781	0.710	0.922	0.730	1.003	0.690	0.634	0.619	0.646	0.633	0.631	0.707	0.622	0.545	0.598	0.503	0.647	0.658
13 a	0.763	0.815	0.785	1.000	0.915	0.770	0.940	0.780	0.634	1.000	0.631	0.826	0.624	0.790	0.620	0.810	0.597	0.772	0.633	1.000
b	0.769	0.814	0.786	1.000	0.921	0.776	0.942	0.781	0.621	1.000	0.627	0.820	0.626	0.797	0.623	0.806	0.596	0.780	0.638	1.000
14 a	0.761	0.619	0.785	1.702	0.893	0.770	0.871	0.666	0.557	1.000	0.635	0.706	0.621	0.776	0.618	1.000	0.517	0.743	0.614	0.694
b	0.760	1.625	0.784	0.695	0.900	0.765	0.847	0.664	0.560	1.000	0.634	0.698	0.625	0.779	0.615	1.000	0.522	0.741	0.612	0.698
15 a	0.746	0.549	0.786	0.517	0.874	0.502	0.845	0.520	0.524	0.502	0.592	0.507	0.587	0.509	0.608	1.000	0.507	0.505	0.612	0.521
b	0.751	0.538	0.769	0.521	0.869	0.502	0.861	0.526	0.562	0.502	0.611	0.511	0.594	0.510	0.611	1.000	0.504	0.506	0.613	0.522

	สายยู 1		สายยู 2		สายยู 3		สายยู 4		สายยู 5		สายยู 6		สายยู 7		สายยู 8		สายยู 9		สายยู 10	
	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI
16 a	0.707	0.621	0.678	0.647	0.871	0.696	0.868	0.802	0.530	0.747	0.596	0.603	0.579	0.667	0.609	0.621	0.498	0.711	0.611	0.6
b	0.705	0.619	0.671	0.645	0.870	0.689	0.800	0.788	0.527	0.751	0.588	0.605	0.583	0.657	0.602	0.625	0.496	0.714	0.608	0.61
17 a	0.673	1.000	0.655	1.000	0.867	0.764	0.818	0.852	0.516	1.000	0.549	1.000	0.517	1.000	0.604	0.781	0.457	1.000	0.609	1.00
b	0.695	1.000	0.658	1.000	0.860	0.788	0.789	0.867	0.516	1.000	0.568	1.000	0.511	1.000	0.607	0.779	0.455	1.000	0.610	1.00
18 a	0.681	1.000	0.657	0.628	0.779	0.652	0.727	0.695	0.509	0.633	0.537	0.692	0.504	0.708	0.594	0.641	0.451	1.634	0.597	0.57
b	0.679	1.000	0.660	0.624	0.785	0.657	0.734	0.697	0.511	0.630	0.533	1.687	0.505	0.709	0.615	0.649	0.452	1.630	0.599	0.57
19 a	0.667	0.507	0.658	0.534	0.764	0.663	0.742	0.511	0.503	0.523	0.514	0.652	0.497	0.505	0.603	0.523	0.421	0.539	0.524	0.51
b	0.671	0.508	0.654	0.535	0.773	0.660	0.739	0.512	0.510	0.526	0.519	0.648	0.495	0.505	0.605	0.532	0.419	0.540	0.522	0.51
20 a	0.663	1.000	0.623	1.000	0.701	1.000	0.705	0.639	0.506	1.000	0.518	1.000	0.496	1.000	0.574	0.791	0.415	1.000	0.518	1.00
b	0.659	1.000	0.617	1.000	0.698	1.000	0.713	0.636	0.507	1.000	0.515	1.000	0.495	1.000	0.571	1.000	0.413	1.000	0.523	1.00
21 a	0.634	0.507	0.621	0.531	0.693	0.564	0.527	0.560	0.503	0.583	0.511	0.608	0.491	0.672	0.537	0.505	0.408	0.521	0.516	0.50
b	0.630	0.504	0.619	0.528	0.687	0.513	0.532	0.556	0.506	0.581	0.507	0.614	0.488	0.672	0.588	0.509	0.406	0.524	0.520	0.50
22 a	0.625	0.610	0.592	0.706	0.624	0.689	0.528	0.643	0.495	0.729	0.498	1.000	0.490	0.716	0.561	0.611	0.344	0.799	0.511	0.63
b	0.629	0.605	0.585	0.698	0.621	0.691	0.525	0.639	0.501	0.735	0.503	1.000	0.488	0.717	0.557	0.612	0.345	0.745	0.513	0.64
23 a	0.611	0.504	0.584	0.611	0.615	0.564	0.519	0.501	0.442	0.746	0.498	0.564	0.489	0.504	0.489	0.503	0.341	0.507	0.485	0.52
b	0.608	0.505	0.591	0.576	0.613	0.570	0.522	0.502	0.448	0.744	0.501	0.543	0.489	0.505	0.517	0.501	0.342	0.509	0.486	0.52
24 a	0.608	0.611	0.583	0.534	0.574	0.697	0.432	0.642	0.415	0.663	0.382	0.505	0.471	0.501	0.502	0.629	0.338	0.511	0.459	0.51
b	0.609	0.611	0.575	0.540	0.570	0.700	0.420	0.612	0.421	0.663	0.386	0.503	0.477	0.501	0.504	0.621	0.335	0.518	0.462	0.52
25 a	0.578	0.694	0.496	0.773	0.544	1.000	0.401	1.000	0.410	1.000	0.354	1.000	0.417	1.000	0.497	1.000	0.337	0.638	0.421	1.00
b	0.583	0.695	0.511	0.791	0.545	1.000	0.402	1.000	0.422	1.000	0.361	1.000	0.393	1.000	0.503	1.000	0.335	0.651	0.417	1.00
26 a	0.503	0.684	0.386	0.681	0.460	0.730	0.400	0.608	0.318	0.696	0.344	1.000	0.392	1.584	0.482	0.877	0.314	1.000	0.415	0.62
b	0.504	0.687	0.378	0.690	0.468	0.737	0.403	0.600	0.315	0.697	0.349	1.000	0.385	0.587	0.477	1.000	0.319	1.000	0.418	0.62
27 a	0.427	1.000	0.384	1.000	0.411	1.000	0.397	1.000	0.311	1.000	0.311	1.000	0.387	1.000	0.403	1.000	0.315	1.000	0.331	1.00
b	0.422	1.000	0.380	1.000	0.409	1.000	0.404	1.000	0.310	1.000	0.314	1.000	0.381	1.000	0.406	1.000	0.313	1.000	0.339	1.00
28 a	0.401	0.693	0.272	1.000	0.314	1.000	0.355	1.000	0.251	1.000	0.304	1.000	0.365	1.000	0.307	1.000	0.321	1.000	0.254	1.00
b	0.405	0.689	0.269	1.000	0.313	1.000	0.352	1.000	0.253	1.000	0.313	1.000	0.368	1.000	0.311	1.000	0.308	1.000	0.260	1.00
29 a	0.382	1.000	0.251	1.000	0.235	1.000	0.361	1.000	0.224	1.000	0.300	1.000	0.361	1.000	0.301	1.000	0.307	1.000	0.241	1.00
b	0.304	1.000	0.256	1.000	0.242	1.000	0.342	1.000	0.218	1.000	0.298	1.000	0.357	1.000	0.303	1.000	0.305	1.000	0.248	1.00

ปลาแขยง

	แขยง 1		แขยง 2		แขยง 3		แขยง 4		แขยง 5		แขยง 6		แขยง 7		แขยง 8		แขยง 9		แขยง 10	
	LT	CT	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI
1 a	1.410	0.669	1.318	0.668	0.833	0.615	0.729	0.679	0.782	0.653	1.026	0.708	1.044	0.538	0.836	0.623	0.847	0.648	0.635	0.645
b	1.401	0.672	1.321	0.662	0.842	0.597	0.726	0.680	0.778	0.656	1.145	0.725	1.027	0.544	0.837	0.619	0.844	0.642	0.627	0.650
2 a	1.382	0.781	1.146	0.820	0.815	0.811	0.718	0.823	0.745	0.685	0.994	0.776	0.968	1.000	0.801	0.688	0.812	0.807	0.641	0.816
b	1.357	0.778	1.145	0.791	0.819	1.000	0.715	1.000	0.743	0.685	0.970	0.775	0.970	1.000	0.798	0.696	0.876	0.769	0.611	0.828
3 a	1.178	0.728	1.186	0.705	0.814	0.679	0.711	0.817	0.727	0.531	0.996	0.704	0.982	0.675	0.769	0.764	0.795	0.671	0.602	0.502
b	1.175	0.730	1.195	0.701	0.809	0.682	0.709	1.000	0.731	0.532	0.972	0.700	0.985	0.668	0.773	0.751	0.785	0.671	0.603	0.504
4 a	1.175	0.689	0.993	0.685	0.799	0.686	0.624	0.659	0.714	0.650	0.946	0.702	0.924	0.723	0.765	0.732	0.786	0.711	0.597	0.663
b	1.174	0.690	0.997	0.681	0.797	0.685	0.631	0.656	0.710	0.666	0.942	0.702	0.917	0.724	0.768	0.749	0.787	0.720	0.599	0.664
5 a	1.171	0.665	1.008	0.549	0.788	0.685	0.593	0.501	0.706	0.507	0.928	0.534	0.845	0.567	0.693	0.506	0.755	0.519	0.511	0.654
b	1.169	0.664	0.998	0.544	0.791	0.684	0.588	0.503	0.707	0.506	0.931	0.533	0.852	0.573	0.688	0.507	0.760	0.516	0.514	0.654
6 a	1.086	0.674	0.981	0.670	0.713	0.652	0.512	0.635	0.701	0.680	0.876	0.663	0.854	0.689	0.687	0.665	0.782	1.000	0.507	0.801
b	1.083	0.676	0.977	0.673	0.708	0.651	0.509	0.635	0.702	0.675	0.883	0.672	0.856	0.648	0.691	0.660	0.784	1.000	0.510	0.827
7 a	0.984	0.669	0.959	0.697	0.635	0.699	0.510	1.000	0.676	0.676	0.878	0.723	0.837	0.633	0.686	0.617	0.768	0.698	0.502	0.749
b	0.993	0.669	0.961	0.696	0.641	0.695	0.511	1.000	0.669	0.671	0.866	0.714	0.840	0.639	0.685	0.622	0.762	0.695	0.504	0.743
8 a	0.987	0.552	0.967	0.690	0.611	0.622	0.507	0.609	0.544	0.612	0.859	0.676	0.833	0.723	0.680	0.546	0.603	0.673	0.482	0.710
b	0.985	0.550	0.964	0.688	0.607	0.621	0.509	0.613	0.547	0.611	0.855	0.681	0.835	0.727	0.682	0.538	0.599	0.667	0.484	0.709
9 a	0.973	0.569	0.939	0.577	0.599	0.513	0.470	0.504	0.544	0.505	0.863	0.535	0.797	0.526	0.675	0.502	0.585	0.501	0.468	0.511
b	0.981	0.568	0.942	0.570	0.603	0.514	0.482	0.509	0.543	0.504	0.860	0.532	0.801	0.520	0.673	0.502	0.586	0.500	0.465	0.510
10 a	0.976	0.764	0.955	1.000	0.586	1.000	0.473	1.000	0.541	1.000	0.762	1.000	0.759	0.668	0.661	1.000	0.551	1.000	0.465	1.000
b	0.964	0.756	0.949	1.000	0.582	1.000	0.485	1.000	0.542	1.000	0.765	1.000	0.752	0.669	0.664	1.000	0.547	1.000	0.461	0.834
11a	0.958	0.635	0.917	0.508	0.584	0.772	0.451	0.663	0.535	0.662	0.765	0.665	0.650	0.634	0.534	0.688	0.546	0.503	0.431	0.687
b	0.959	0.634	0.920	0.510	0.583	0.766	0.444	0.664	0.537	0.663	0.763	0.662	0.654	0.636	0.531	0.680	0.545	0.512	0.433	0.697
12 a	0.956	0.667	0.914	0.673	0.578	0.654	0.435	0.664	0.538	0.704	0.771	0.524	0.637	0.685	0.530	0.674	0.520	0.715	0.424	0.707
b	0.958	0.672	0.916	0.669	0.571	0.653	0.421	0.672	0.536	0.707	0.768	0.531	0.635	0.677	0.529	0.675	0.523	0.711	0.421	0.714
13 a	0.956	0.562	0.915	0.502	0.553	0.510	0.421	0.550	0.535	0.526	0.728	0.541	0.645	0.506	0.530	0.747	0.517	0.501	0.420	0.501
b	0.954	0.566	0.916	0.501	0.552	0.514	0.420	0.557	0.536	0.521	0.721	0.542	0.640	0.508	0.530	0.736	0.515	0.501	0.424	0.500
14 a	0.903	0.649	0.905	0.656	0.549	0.763	0.421	0.702	0.533	1.000	0.708	0.664	0.607	0.610	0.531	1.000	0.511	0.644	0.423	0.672
b	0.949	0.648	0.909	0.653	0.545	0.765	0.435	0.697	0.531	1.000	0.713	0.668	0.609	0.614	0.532	0.795	0.514	0.646	0.425	0.679
15 a	0.924	0.558	0.893	0.544	0.546	0.536	0.416	0.517	0.529	0.718	0.695	0.517	0.606	0.565	0.520	0.526	0.512	0.564	0.411	0.534
b	0.898	0.554	0.896	0.550	0.545	0.537	0.417	0.518	0.530	0.715	0.688	0.513	0.604	0.563	0.530	0.526	0.512	0.559	0.412	0.537

	แขยง 1		แขยง 2		แขยง 3		แขยง 4		แขยง 5		แขยง 6		แขยง 7		แขยง 8		แขยง 9		แขยง 10	
	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI
16 a	0.886	0.693	0.892	0.622	0.517	1.000	0.415	0.687	0.529	0.748	0.679	0.686	0.572	0.680	0.486	0.730	0.495	0.640	0.407	0.725
b	0.895	0.700	0.893	0.618	0.512	0.823	0.417	0.686	0.527	0.743	0.682	0.688	0.576	0.675	0.489	0.724	0.493	0.641	0.406	0.727
17 a	0.864	0.824	0.854	0.796	0.473	1.000	0.412	0.714	0.517	1.000	0.675	0.701	0.571	1.000	0.485	1.000	0.448	1.000	0.405	1.000
b	0.869	1.000	0.865	0.802	0.468	1.000	0.409	0.719	0.518	0.833	0.678	0.702	0.575	1.000	0.487	1.000	0.449	1.000	0.406	1.000
18 a	0.848	0.683	0.755	0.723	0.466	0.501	0.388	0.688	0.527	0.761	0.659	0.646	0.564	0.670	0.428	0.767	0.436	0.674	0.354	0.669
b	0.859	0.679	0.749	0.717	0.463	0.501	0.387	0.685	0.529	0.752	0.660	0.650	0.568	0.667	0.430	0.770	0.434	0.678	0.354	0.664
19 a	0.816	0.600	0.713	0.502	0.454	0.515	0.372	0.535	0.516	0.517	0.649	0.524	0.521	0.505	0.422	0.507	0.429	0.515	0.351	0.701
b	0.804	0.587	0.715	0.501	0.455	0.512	0.375	0.533	0.516	0.521	0.651	0.527	0.523	0.505	0.425	0.508	0.427	0.513	0.352	0.699
20 a	0.795	0.688	0.697	0.504	0.436	0.545	0.369	0.507	0.514	0.762	0.638	0.520	0.522	0.519	0.413	0.529	0.426	0.502	0.337	0.512
b	0.792	0.687	0.693	0.507	0.431	0.545	0.371	0.504	0.515	0.769	0.633	0.517	0.522	0.523	0.414	0.534	0.426	0.502	0.337	0.513
21 a	0.793	0.603	0.681	0.654	0.445	0.823	0.368	1.000	0.511	0.864	0.592	0.658	0.519	1.000	0.423	1.000	0.424	1.000	0.341	1.000
b	0.788	0.624	0.687	0.649	0.448	1.000	0.370	1.000	0.508	0.792	0.598	0.665	0.518	1.000	0.423	1.000	0.425	1.000	0.344	1.000
22 a	0.724	0.546	0.683	0.501	0.369	0.626	0.365	0.715	0.493	0.509	0.574	0.559	0.476	0.523	0.419	0.519	0.424	0.500	0.382	0.510
b	0.730	0.545	0.684	0.501	0.360	0.623	0.376	0.714	0.485	0.513	0.581	0.552	0.483	0.528	0.422	0.519	0.422	0.500	0.330	0.515
23 a	0.723	0.845	0.671	1.000	0.366	1.000	0.343	1.000	0.474	1.000	0.575	1.000	0.462	1.000	0.419	1.000	0.421	0.684	0.333	1.000
b	0.719	0.776	0.678	1.000	0.364	1.000	0.345	1.000	0.468	1.000	0.572	1.000	0.460	1.000	0.420	1.000	0.418	0.687	0.355	1.000
24 a	0.612	0.698	0.675	1.000	0.359	1.000	0.336	1.000	0.417	1.000	0.550	1.000	0.474	1.000	0.416	1.000	0.418	1.000	0.332	1.000
b	0.633	0.695	0.674	1.000	0.360	1.000	0.339	1.000	0.414	1.000	0.556	1.000	0.411	1.000	0.416	1.000	0.419	1.000	0.333	1.000
25 a	0.613	0.502	0.662	0.509	0.338	0.504	0.335	0.566	0.401	0.519	0.550	0.612	0.387	0.527	0.401	0.503	0.416	0.529	0.322	0.502
b	0.609	0.502	0.654	0.508	0.345	0.508	0.335	0.571	0.403	0.521	0.502	0.606	0.384	0.523	0.402	0.505	0.418	0.529	0.321	0.502
26 a	0.527	0.573	0.612	0.500	0.342	0.661	0.320	0.506	0.394	0.510	0.402	0.504	0.311	0.511	0.400	0.502	0.417	0.662	0.288	0.518
b	0.535	0.570	0.613	0.501	0.347	0.654	0.336	0.506	0.402	0.507	0.405	0.504	0.315	0.511	0.401	0.529	0.416	0.675	0.289	0.519
27 a	0.511	0.795	0.589	0.727	0.303	1.000	0.313	1.000	0.391	1.000	0.414	1.000	0.312	1.000	0.396	1.000	0.398	1.000	0.289	1.000
b	0.528	0.786	0.592	0.716	0.305	1.000	0.317	1.000	0.388	1.000	0.418	1.000	0.314	1.000	0.395	1.000	0.404	1.000	0.291	1.000
28 a	0.506	0.798	0.546	1.000	0.303	1.000	0.262	1.000	0.383	1.000	0.404	0.517	0.307	1.000	0.344	1.000	0.368	1.000	0.277	1.000
b	0.509	0.790	0.569	1.000	0.303	1.000	0.267	1.000	0.381	1.000	0.400	0.520	0.306	1.000	0.343	1.000	0.371	1.000	0.278	1.000
29 a	0.487	1.000	0.537	1.000	0.223	1.000	0.211	1.000	0.380	1.000	0.403	1.000	0.288	1.000	0.337	1.000	0.369	1.000	0.253	1.000
b	0.489	1.000	0.542	1.000	0.220	1.000	0.216	1.000	0.379	1.000	0.402	1.000	0.289	1.000	0.339	1.000	0.347	1.000	0.250	1.000

ปลากด

	กด 1		กด 2		กด 3		กด 4		กด 5		กด 6		กด 7		กด 8		กด 9		กด 10	
	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI
1 a	1.871	0.653	1.123	0.720	0.913	0.683	1.188	0.690	1.601	0.668	1.452	0.705	1.234	0.664	0.884	0.630	0.986	0.637	2.019	0.625
b	1.464	0.659	1.120	0.722	0.920	0.688	1.205	0.685	1.548	0.674	1.461	0.701	1.227	0.658	0.879	0.623	0.992	0.635	2.024	0.604
2 a	1.414	0.663	1.042	0.705	0.915	0.673	1.004	0.702	1.461	0.721	1.187	0.662	1.065	0.649	0.873	0.616	0.984	0.691	1.735	0.680
b	1.395	0.670	0.988	0.726	0.914	0.672	0.997	0.698	1.455	0.728	1.204	0.657	1.014	0.654	0.875	0.616	0.985	0.690	1.741	0.678
3 a	1.372	0.630	0.923	0.774	0.884	0.698	0.993	0.634	1.311	0.842	1.109	0.652	1.008	0.621	0.874	0.739	0.969	0.676	1.657	0.757
b	1.346	0.625	0.927	0.765	0.886	0.695	0.990	0.649	1.177	0.839	1.100	0.655	1.003	0.621	0.866	0.741	0.967	0.674	1.665	0.781
4 a	1.229	0.673	0.886	0.652	0.852	0.666	0.991	0.553	1.223	0.655	1.107	0.534	0.938	0.629	0.869	0.641	0.922	0.525	1.376	0.676
b	1.247	0.672	0.879	0.660	0.858	0.652	0.988	0.547	1.144	0.654	1.125	0.540	0.947	0.630	0.868	0.642	0.890	0.526	1.388	0.688
5 a	1.179	0.759	0.881	0.690	0.814	0.672	0.934	0.694	1.066	0.661	0.988	0.659	0.923	0.634	0.815	0.652	0.897	0.608	1.357	0.687
b	1.170	0.758	0.878	0.698	0.813	0.675	0.929	0.693	1.083	0.655	0.995	0.656	0.920	0.638	0.782	0.664	0.896	0.614	1.364	0.683
6 a	1.154	0.693	0.872	0.698	0.797	0.674	0.922	0.665	1.036	0.665	0.975	0.679	0.887	0.658	0.733	0.648	0.855	0.664	1.246	0.818
b	1.148	0.699	0.875	0.697	0.792	0.678	0.918	0.666	1.028	0.667	0.970	0.675	0.892	0.662	0.730	0.645	0.859	0.662	1.261	0.820
7 a	1.158	0.523	0.824	0.501	0.795	0.506	0.903	0.503	1.027	0.620	0.977	0.542	0.823	0.503	0.728	0.511	0.860	0.504	1.232	0.525
b	1.159	0.525	0.822	0.501	0.793	0.506	0.893	0.502	1.029	0.622	0.974	0.548	0.828	0.504	0.727	0.510	0.862	0.507	1.225	0.529
8 a	1.119	0.679	0.817	1.000	0.738	1.000	0.851	0.672	1.025	0.812	0.966	0.775	0.807	0.788	0.676	1.000	0.823	0.786	1.157	0.783
b	1.127	0.681	0.821	1.000	0.735	1.000	0.853	0.703	1.011	0.798	0.963	0.777	0.813	0.798	0.677	1.000	0.829	0.764	1.143	0.785
9 a	1.125	0.596	0.783	0.507	0.758	0.735	0.827	0.521	1.017	0.519	0.961	0.554	0.804	0.504	0.686	0.568	0.778	0.516	1.145	0.547
b	1.115	0.587	0.780	0.506	0.754	0.741	0.829	0.519	1.002	0.509	0.957	0.558	0.806	0.505	0.683	0.560	0.779	0.516	1.148	0.557
10 a	1.092	0.806	0.736	0.804	0.711	1.000	0.764	1.000	0.989	0.781	0.959	0.728	0.795	0.762	0.684	1.000	0.784	1.000	1.143	0.778
b	1.098	0.810	0.739	0.758	0.710	1.000	0.761	1.000	0.995	0.783	0.952	0.722	0.797	0.771	0.685	1.000	0.787	1.000	1.141	0.677
11 a	1.085	0.621	0.733	0.714	0.708	0.723	0.757	0.700	0.992	0.650	0.864	0.765	0.783	0.654	0.673	0.670	0.762	0.678	1.141	0.677
b	1.076	0.618	0.730	0.716	0.705	0.726	0.744	0.698	0.984	0.660	0.868	0.768	0.780	0.660	0.675	0.674	0.768	0.682	1.139	0.677
12 a	1.069	0.679	0.711	0.736	0.699	0.757	0.751	0.653	0.958	0.685	0.861	0.684	0.764	0.703	0.652	0.635	0.745	0.683	1.134	0.773
b	1.060	0.683	0.705	0.749	0.661	0.801	0.748	0.656	0.963	0.681	0.859	0.667	0.758	0.709	0.656	0.636	0.744	0.690	1.141	0.748
13 a	1.017	0.514	0.699	0.501	0.668	0.511	.0690	0.507	0.968	0.505	0.855	0.510	0.747	0.504	0.657	0.502	0.752	0.503	1.127	0.548
b	1.009	0.515	0.704	0.500	0.672	0.510	0.685	0.506	0.965	0.507	0.852	0.508	0.743	0.503	0.655	0.505	0.757	0.503	1.131	0.544
14 a	0.988	0.505	0.686	0.503	0.655	0.505	0.685	0.503	0.927	0.502	0.846	0.587	0.732	0.515	0.635	0.550	0.696	0.527	1.125	0.502
b	0.980	0.508	0.687	0.502	0.659	0.508	0.683	0.502	0.933	0.503	0.849	0.582	0.728	0.514	0.630	0.549	0.689	0.530	1.124	0.503
15 a	0.896	0.512	0.667	0.587	0.647	0.502	0.665	0.501	0.925	0.503	0.839	0.526	0.711	0.502	0.634	0.640	0.678	0.524	1.116	0.509
b	0.903	0.514	0.665	0.568	0.646	0.501	0.663	0.501	0.921	0.501	0.842	0.530	0.705	0.502	0.637	0.654	0.673	0.525	1.109	0.509

	กค 1		กค 2		กค 3		กค 4		กค 5		กค 6		กค 7		กค 8		กค 9		กค 10	
	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI
16 a	0.856	0.717	0.632	0.634	0.594	0.623	0.661	0.656	0.923	0.638	0.817	0.611	0.708	0.655	0.604	0.675	0.654	0.677	1.108	.760
b	0.862	0.719	0.628	0.629	0.611	0.618	0.662	0.658	0.922	0.677	0.823	0.610	0.712	0.650	0.606	0.680	0.656	0.675	1.100	.765
17 a	0.850	0.509	0.626	0.502	0.602	0.510	0.655	0.533	0.916	0.523	0.793	0.577	0.692	0.532	0.592	0.502	0.634	0.678	1.087	.619
b	0.847	0.510	0.630	0.502	0.609	0.514	0.656	0.534	0.921	0.523	0.787	0.572	0.689	0.537	0.595	0.503	0.641	0.669	1.094	.614
18 a	0.848	0.618	0.629	0.741	0.593	0.551	0.658	0.697	0.917	0.694	0.783	0.650	0.703	0.688	0.594	0.685	0.635	0.658	1.085	.635
b	0.846	0.621	0.625	0.742	0.590	0.551	0.660	0.680	0.916	0.692	0.786	0.645	0.701	0.684	0.592	0.689	0.622	0.654	1.081	.638
19 a	0.817	0.766	0.624	1.000	0.585	0.858	0.645	0.770	0.910	1.000	0.775	1.000	0.694	0.799	0.589	0.796	0.609	1.000	1.073	.000
b	0.845	0.775	0.626	1.000	0.588	0.855	0.649	0.749	0.915	1.000	0.779	1.000	0.696	0.797	0.588	0.758	0.615	1.000	1.070	1.000
20 a	0.842	0.562	0.622	0.780	0.581	0.515	0.627	0.548	0.882	0.516	0.766	0.512	0.690	0.506	0.584	0.524	0.604	0.518	1.058	.525
b	0.844	0.557	0.625	0.756	0.584	0.515	0.631	0.553	0.877	0.514	0.762	0.518	0.687	0.507	0.588	0.522	0.611	0.522	1.065	.522
21 a	0.840	0.650	0.617	0.744	0.553	0.647	0.614	0.635	0.835	0.515	0.747	0.609	0.684	0.670	0.579	0.671	0.599	0.671	1.044	.669
b	0.838	0.650	0.615	0.745	0.549	0.647	0.617	0.634	0.842	0.517	0.749	0.596	0.679	0.669	0.583	0.665	0.596	0.674	1.048	.667
22 a	0.836	0.523	0.608	0.507	0.522	0.607	0.603	0.617	0.814	0.528	0.748	0.517	0.673	0.701	0.562	0.520	0.587	0.513	1.039	.514
b	0.837	0.522	0.605	0.507	0.525	0.608	0.602	0.621	0.821	0.527	0.749	0.521	0.675	0.708	0.557	0.521	0.585	0.513	1.045	.511
23 a	0.809	0.789	0.606	0.723	0.495	0.834	0.597	1.000	0.808	0.729	0.744	0.804	0.659	1.000	0.558	1.000	0.567	1.000	1.011	.744
b	0.804	0.772	0.607	0.727	0.493	1.000	0.588	1.000	0.802	0.729	0.740	0.781	0.656	0.837	0.559	1.000	0.571	1.000	1.008	.751
24 a	0.808	0.537	0.564	0.535	0.489	0.628	0.573	0.545	0.742	0.508	0.745	0.512	0.641	0.502	0.561	0.514	0.507	0.694	0.986	.517
b	0.806	0.540	0.560	0.539	0.487	0.631	0.571	0.546	0.737	0.506	0.736	0.511	0.646	0.503	0.557	0.512	0.509	0.690	0.995	.517
25 a	0.752	0.615	0.541	0.617	0.464	0.634	0.572	0.632	0.728	0.661	0.713	0.516	0.608	0.597	0.490	0.623	0.504	0.603	0.940	.638
b	0.755	0.618	0.544	0.620	0.459	0.635	0.559	0.629	0.729	0.660	0.711	0.512	0.601	0.620	0.488	0.623	0.506	0.601	0.935	.635
26 a	0.750	0.504	0.533	0.519	0.451	0.650	0.542	0.518	0.717	0.508	0.707	0.518	0.559	0.515	0.406	0.522	0.487	0.509	0.927	.510
b	0.747	0.503	0.529	0.518	0.448	0.661	0.488	0.518	0.716	0.508	0.702	0.520	0.557	0.513	0.409	0.524	0.455	0.514	0.931	.515
27 a	0.664	0.674	0.517	1.000	0.439	1.000	0.427	0.663	0.713	1.000	0.705	0.757	0.502	1.000	0.407	1.000	0.433	1.000	0.884	.640
b	0.650	0.626	0.511	1.000	0.443	1.000	0.424	0.663	0.715	1.000	0.696	0.764	0.511	1.000	0.414	1.000	0.428	1.000	0.887	.645
28 a	0.604	0.816	0.504	1.000	0.438	1.000	0.402	1.000	0.709	1.000	0.698	1.000	0.509	1.000	0.397	1.000	0.419	1.000	0.834	.000
b	0.605	1.000	0.496	1.000	0.436	1.000	0.365	1.000	0.714	1.000	0.679	1.000	0.501	1.000	0.384	1.000	0.416	1.000	0.827	.000
29 a	0.583	0.501	0.437	0.503	0.439	0.522	0.357	0.542	0.667	0.503	0.545	0.508	0.497	0.526	0.334	0.504	0.421	0.527	0.701	.528
b	0.579	0.501	0.441	0.503	0.424	0.519	0.354	0.540	0.565	0.504	0.551	0.512	0.493	0.505	0.302	0.505	0.422	0.526	0.665	.528

ปลาแขยงในข้าว

	แขยงในข้าว 1		แขยงในข้าว 2		แขยงในข้าว 3		แขยงในข้าว 4		แขยงในข้าว 5		แขยงในข้าว 6		แขยงในข้าว 7		แขยงในข้าว 8		แขยงในข้าว 9		แขยงในข้าว 1	
	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI
1 a	1.302	0.733	1.323	0.695	1.290	0.743	1.075	0.721	1.401	0.723	1.410	0.728	1.005	0.718	1.007	0.752	1.025	0.755	0.905	0.665
b	1.422	0.722	1.252	0.719	1.500	0.734	1.000	0.721	1.378	0.710	1.312	0.726	1.036	0.715	1.105	0.734	1.054	0.741	0.898	0.707
2 a	1.289	0.713	1.200	0.748	1.150	0.698	1.075	0.743	1.278	0.753	1.235	0.714	0.998	0.710	1.155	0.758	0.988	0.701	0.835	0.739
b	1.291	0.721	1.051	0.732	1.181	0.702	0.950	0.687	1.138	0.737	1.222	0.709	0.990	0.720	1.054	0.749	0.975	0.701	0.778	0.751
3 a	1.094	0.683	1.025	0.702	1.051	0.703	0.000	0.656	1.100	0.969	1.132	0.710	0.885	0.698	0.875	0.725	0.853	0.609	0.788	0.666
b	1.153	0.686	0.955	0.677	1.089	0.702	0.851	0.611	0.987	0.700	0.978	0.717	0.798	0.733	0.895	0.746	0.821	0.607	0.699	0.669
4 a	0.943	0.765	0.909	0.723	0.884	0.693	0.742	0.658	0.982	0.835	0.893	0.718	0.741	0.676	0.838	0.727	0.805	0.658	0.700	0.661
b	0.936	0.767	0.901	0.754	0.892	0.695	0.740	0.657	0.971	0.858	0.851	0.720	0.702	0.684	0.822	0.732	0.820	0.624	0.625	0.666
5 a	0.948	0.838	0.921	0.736	0.917	0.808	0.724	0.856	0.982	0.690	0.921	0.774	0.757	0.783	0.840	0.811	0.815	0.875	0.605	0.752
b	0.947	0.841	0.903	0.776	0.920	0.812	0.730	0.862	0.962	0.689	0.978	0.789	0.721	0.860	0.824	0.797	0.832	0.867	0.672	0.702
6 a	0.895	0.526	0.931	0.541	0.822	0.512	0.698	0.521	0.820	0.507	0.891	0.595	0.782	0.514	0.723	0.567	0.800	0.523	0.612	0.525
b	0.822	0.531	0.854	0.527	0.800	0.510	0.709	0.519	0.800	0.500	0.860	0.587	0.721	0.515	0.700	0.543	0.788	0.511	0.620	0.538
7 a	0.871	0.746	0.771	0.610	0.810	0.754	0.707	0.706	0.825	0.607	0.877	0.601	0.720	0.696	0.691	0.651	0.765	0.704	0.579	0.687
b	0.878	0.744	0.733	0.611	0.812	0.748	0.700	0.711	0.821	0.604	0.857	0.601	0.725	0.690	0.612	0.683	0.698	0.701	0.520	0.690
8 a	0.855	0.533	0.709	0.501	0.808	0.509	0.669	0.558	0.812	0.506	0.857	0.550	0.672	0.509	0.723	0.567	0.672	0.573	0.600	0.553
b	0.857	0.534	0.701	0.504	0.800	0.509	0.672	0.551	0.816	0.509	0.842	0.549	0.608	0.512	0.699	0.561	0.689	0.566	0.575	0.560
9 a	0.810	0.754	0.722	0.651	0.725	0.721	0.675	0.627	0.902	0.688	0.841	0.715	0.612	0.673	0.687	0.655	0.688	0.612	0.535	0.785
b	0.804	0.747	0.675	0.696	0.699	0.711	0.667	0.638	0.800	0.690	0.832	0.714	0.620	0.665	0.621	0.681	0.680	0.613	0.532	0.776
10 a	0.796	1.000	0.707	0.749	0.731	0.750	0.682	0.982	0.920	0.850	0.821	0.949	0.633	1.000	0.622	1.000	0.678	0.820	0.509	0.788
b	0.811	1.000	0.714	0.753	0.642	0.808	0.635	0.942	0.895	1.000	0.808	0.932	0.620	1.000	0.600	1.000	0.682	1.000	0.509	0.788
11 a	0.807	0.514	0.675	0.550	0.720	0.561	0.655	0.510	0.888	0.663	0.802	0.590	0.618	0.500	0.603	0.627	0.689	0.522	0.500	0.526
b	0.808	0.513	0.675	0.545	0.700	0.569	0.643	0.504	0.856	0.662	0.813	0.593	0.588	0.507	0.583	0.623	0.660	0.530	0.500	0.526
12 a	0.759	0.719	0.654	0.606	0.678	0.720	0.600	0.748	0.820	0.840	0.815	0.762	0.589	0.679	0.564	0.707	0.675	0.625	0.502	0.659
b	0.763	0.717	0.645	0.605	0.658	0.733	0.612	0.745	0.803	0.818	0.798	0.757	0.588	0.675	0.575	0.714	0.668	0.647	0.487	0.624
13 a	0.749	0.526	0.663	0.506	0.642	0.578	0.621	0.646	0.803	0.567	0.765	0.558	0.568	0.533	0.576	0.543	0.653	0.521	0.488	0.553
b	0.752	0.527	0.656	0.503	0.634	0.573	0.603	0.640	0.811	0.564	0.782	0.565	0.567	0.529	0.574	0.544	0.650	0.512	0.479	0.547
14 a	0.733	0.531	0.610	0.595	0.633	0.558	0.586	0.608	0.805	0.667	0.661	0.575	0.560	0.529	0.557	0.572	0.621	0.578	0.488	0.547
b	0.736	0.531	0.625	0.598	0.635	0.549	0.578	0.578	0.807	0.617	0.650	0.540	0.561	0.513	0.528	0.585	0.623	0.572	0.485	0.548
15 a	0.727	1.000	0.616	1.000	0.637	1.000	0.584	1.000	0.779	0.858	0.691	0.726	0.558	0.694	0.532	0.925	0.599	0.796	0.483	0.770
b	0.724	1.000	0.607	1.000	0.634	1.000	0.553	1.000	0.782	0.859	0.682	0.733	0.560	0.675	0.528	0.943	0.588	0.823	0.482	0.766

	แขยงในข้าว 1		แขยงในข้าว 2		แขยงในข้าว 3		แขยงในข้าว 4		แขยงในข้าว 5		แขยงในข้าว 6		แขยงในข้าว 7		แขยงในข้าว 8		แขยงในข้าว 9		แขยงในข้าว	
	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI
16 a	0.700	0.511	0.601	0.574	0.632	0.508	0.554	0.723	0.712	0.520	0.680	0.543	0.557	0.548	0.529	0.652	0.564	0.568	0.478	0.54
b	0.705	0.513	0.605	0.575	0.622	0.514	0.562	0.758	0.712	0.522	0.672	0.550	0.558	0.551	0.522	0.647	0.571	0.559	0.475	0.55
17 a	0.689	0.546	0.611	0.680	0.617	0.665	0.525	0.611	0.709	0.698	0.649	0.644	0.530	0.677	0.520	0.677	0.577	0.671	0.466	0.64
b	0.683	0.542	0.605	0.685	0.613	0.671	0.525	0.594	0.712	0.692	0.655	0.649	0.521	0.676	0.515	0.680	0.575	0.665	0.468	0.66
18 a	0.653	0.528	0.587	0.530	0.608	0.537	0.500	0.534	0.701	0.553	0.660	0.531	0.522	0.611	0.498	0.624	0.556	0.776	0.469	0.64
b	0.649	0.522	0.595	0.534	0.608	0.535	0.500	0.500	0.698	0.554	0.663	0.526	0.518	0.602	0.480	0.621	0.560	0.773	0.460	0.66
19 a	0.628	1.000	0.509	0.654	0.575	0.638	0.522	0.954	0.609	0.697	0.626	0.873	0.487	1.000	0.432	0.822	0.532	1.000	0.450	0.84
b	0.627	1.000	0.511	0.665	0.525	0.634	0.522	0.948	0.632	0.685	0.675	0.755	0.470	1.000	0.415	0.800	0.503	1.000	0.445	0.77
20 a	0.615	1.000	0.621	1.000	0.525	1.000	0.511	1.000	0.601	0.000	0.592	1.000	0.468	1.000	0.420	1.000	0.492	1.000	0.420	1.000
b	0.619	1.000	0.610	1.000	0.525	1.000	0.509	1.000	0.622	1.000	0.600	1.000	0.486	1.000	0.410	1.000	0.500	1.000	0.420	1.000
21 a	0.615	0.511	0.505	0.554	0.507	0.521	0.500	0.536	0.545	0.550	0.588	0.524	0.430	0.514	0.417	0.513	0.489	0.518	0.421	0.50
b	0.607	0.510	0.512	0.555	0.519	0.526	0.442	0.541	0.543	0.556	0.578	0.522	0.428	0.514	0.418	0.507	0.479	0.516	0.420	0.50
22 a	0.560	0.505	0.503	0.652	0.504	0.558	0.410	0.507	0.528	0.540	0.573	0.595	0.425	0.629	0.415	0.525	0.500	0.638	0.411	0.53
b	0.560	0.506	0.511	0.658	0.511	0.558	0.416	0.507	0.525	0.541	0.567	0.598	0.427	0.631	0.416	0.524	0.488	0.621	0.409	0.53
23 a	0.558	0.602	0.510	0.608	0.503	1.000	0.411	0.678	0.523	0.625	0.567	0.624	0.427	0.569	0.417	0.722	0.478	0.634	0.407	0.76
b	0.560	0.614	0.522	0.607	0.510	1.000	0.415	0.672	0.518	0.629	0.532	0.620	0.425	0.576	0.411	0.728	0.467	0.639	0.108	0.77
24 a	0.542	0.703	0.508	0.803	0.493	1.000	0.412	1.000	0.525	0.944	0.502	1.000	0.418	0.938	0.404	0.789	0.432	0.774	0.407	0.80
b	0.551	0.695	0.550	0.802	0.501	1.000	0.418	1.000	0.524	0.943	0.512	1.000	0.420	1.000	0.409	0.791	0.428	0.789	0.407	0.78
25 a	0.527	0.510	0.475	0.517	0.448	0.562	0.402	0.555	0.522	0.536	0.506	0.506	0.419	0.561	0.409	0.513	0.420	0.521	0.406	0.50
b	0.535	0.508	0.491	0.524	0.452	0.569	0.411	0.549	0.520	0.520	0.508	0.500	0.415	0.569	0.403	0.512	0.400	0.513	0.406	0.50
26 a	0.501	0.623	0.453	0.633	0.425	0.695	0.389	0.514	0.511	0.902	0.521	0.677	0.412	0.728	0.400	0.674	0.415	0.723	0.404	0.57
b	0.503	0.624	0.457	0.630	0.423	0.709	0.389	0.512	0.507	0.905	0.500	0.673	0.408	0.738	0.401	0.668	0.410	0.722	0.404	0.57
27 a	0.493	0.508	0.460	0.514	0.424	0.505	0.325	0.520	0.521	0.700	0.500	0.646	0.395	0.529	0.404	0.525	0.421	0.563	0.400	0.50
b	0.497	0.508	0.459	0.509	0.424	0.527	0.320	0.520	0.518	0.709	0.492	0.634	0.401	0.521	0.403	0.530	0.402	0.571	0.401	0.50
28 a	0.397	1.000	0.445	1.000	0.425	1.000	0.321	1.000	0.478	0.941	0.452	0.803	0.398	1.000	0.305	1.000	0.352	0.828	0.405	0.89
b	0.401	1.000	0.442	1.000	0.427	1.000	0.320	1.000	0.500	0.944	0.448	1.000	0.395	1.000	0.308	1.000	0.321	1.000	0.406	0.88

ปลาแขยงข้างลาย

	แขยงข้างลาย 1		แขยงข้างลาย 2		แขยงข้างลาย 3		แขยงข้างลาย 4		แขยงข้างลาย 5		แขยงข้างลาย 6		แขยงข้างลาย 7		แขยงข้างลาย 8		แขยงข้างลาย 9		แขยงข้างลาย 10	
	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI
1 a	1.591	0.529	1.697	0.506	1.483	0.504	1.462	0.510	1.419	0.503	1.601	0.502	1.612	0.509	1.354	0.502	1.411	0.505	1.310	0.503
b	1.575	0.530	1.711	0.519	1.512	0.511	1.411	0.505	1.375	0.511	1.585	0.503	1.542	0.523	1.359	0.501	1.428	0.501	1.302	0.565
2 a	0.842	0.652	0.892	0.650	0.936	0.724	1.051	0.691	0.923	0.663	1.111	0.730	1.204	0.737	0.856	0.661	0.857	0.627	0.814	0.695
b	0.838	0.652	0.894	0.654	0.950	0.726	1.122	0.695	0.921	0.666	1.033	0.718	1.208	0.740	0.849	0.686	0.848	0.650	0.789	0.701
3 a	0.836	0.659	0.889	0.695	0.897	0.720	0.994	0.717	0.910	0.688	1.101	0.717	1.150	0.723	0.841	0.725	0.853	0.682	0.787	0.709
b	0.835	0.667	0.891	0.700	0.902	0.721	0.986	0.711	0.904	0.696	1.015	0.694	1.174	0.721	0.847	0.732	0.842	0.677	0.789	0.706
4 a	0.833	0.534	0.736	0.534	0.813	0.501	0.947	0.513	0.723	0.650	0.877	0.534	0.967	0.559	0.813	0.501	0.823	0.503	0.782	0.503
b	0.837	0.539	0.728	0.545	0.815	0.501	0.926	0.516	0.728	0.646	0.893	0.514	0.942	0.588	0.818	0.501	0.816	0.501	0.780	0.503
5 a	0.785	0.712	0.730	0.638	0.736	0.668	0.938	0.756	0.705	0.643	0.814	0.665	0.921	0.693	0.793	0.681	0.805	0.738	0.675	0.720
b	0.789	0.707	0.732	0.631	0.742	0.664	0.835	0.737	0.709	0.642	0.806	0.667	0.917	0.700	0.795	0.667	0.811	0.736	0.682	0.717
6 a	0.721	0.709	0.732	0.514	0.701	0.508	0.880	0.562	0.641	0.509	0.744	0.507	0.903	0.685	0.768	0.501	0.713	0.620	0.613	0.644
b	0.716	0.705	0.727	0.518	0.697	0.508	0.847	0.577	0.637	0.510	0.743	0.518	0.896	0.693	0.771	0.502	0.716	0.619	0.611	0.645
7 a	0.700	0.701	0.726	0.643	0.694	0.709	0.775	0.728	0.629	0.715	0.731	0.650	0.900	0.662	0.754	0.744	0.714	0.676	0.613	0.710
b	0.704	0.700	0.721	0.643	0.696	0.711	0.779	0.697	0.626	0.727	0.733	0.668	0.895	0.658	0.746	0.747	0.715	0.684	0.607	0.717
8 a	0.701	0.760	0.721	0.646	0.691	0.676	0.773	0.691	0.628	0.696	0.729	0.689	0.886	0.533	0.722	0.725	0.646	0.522	0.602	0.630
b	0.695	0.760	0.714	0.647	0.688	0.676	0.775	0.694	0.624	0.702	0.730	0.682	0.902	0.555	0.727	0.732	0.644	0.520	0.608	0.630
9 a	0.697	1.000	0.698	0.804	0.690	1.000	0.707	0.716	0.621	0.700	0.727	0.653	0.889	1.000	0.725	1.000	0.645	1.000	0.592	1.000
b	0.698	1.000	0.692	0.802	0.689	1.000	0.701	0.710	0.625	0.704	0.726	0.647	0.892	1.000	0.723	1.000	0.639	1.000	0.585	1.000
10 a	0.645	1.000	0.684	0.788	0.689	0.795	0.684	1.000	0.599	1.000	0.718	1.000	0.823	0.872	0.711	0.842	0.606	0.844	0.509	1.000
b	0.643	1.000	0.673	0.789	0.688	0.815	0.685	1.000	0.603	1.000	0.723	1.000	0.820	1.000	0.715	0.855	0.601	1.000	0.517	1.000
11 a	0.604	0.508	0.675	0.504	0.684	0.513	0.671	0.510	0.605	0.507	0.697	0.504	0.824	0.502	0.662	0.502	0.608	0.517	0.512	0.502
b	0.612	0.513	0.680	0.503	0.688	0.516	0.678	0.515	0.597	0.510	0.695	0.502	0.822	0.501	0.659	0.501	0.614	0.515	0.515	0.502
12 a	0.608	0.637	0.676	0.643	0.677	0.712	0.680	0.666	0.591	0.541	0.634	0.614	0.826	0.667	0.634	0.682	0.665	0.703	0.487	0.734
b	0.605	0.633	0.673	0.645	0.674	0.693	0.679	0.653	0.582	0.538	0.632	0.616	0.828	0.677	0.639	0.677	0.606	0.711	0.499	0.730
13 a	0.596	0.512	0.668	0.647	0.615	0.748	0.669	0.625	0.574	0.699	0.627	0.647	0.803	0.614	0.632	0.636	0.604	0.646	0.485	0.513
b	0.601	0.511	0.666	0.650	0.611	0.745	0.668	0.630	0.577	0.697	0.635	0.643	0.776	0.623	0.635	0.630	0.105	0.651	0.478	0.510
14 a	0.581	0.540	0.649	0.507	0.611	0.519	0.655	0.504	0.581	0.606	0.647	0.502	0.738	0.501	0.651	0.511	0.606	0.507	0.487	0.509
b	0.554	0.538	0.640	0.503	0.607	0.512	0.657	0.508	0.583	0.505	0.464	0.501	0.740	0.501	0.650	0.514	0.607	0.504	0.451	0.503
15 a	0.513	0.509	0.607	0.512	0.597	0.528	0.653	0.507	0.523	0.518	0.629	0.504	0.726	0.510	0.605	0.517	0.511	0.513	0.463	0.512
b	0.508	0.504	0.604	0.517	0.598	0.528	0.655	0.508	0.512	0.510	0.632	0.505	0.725	0.510	0.617	0.517	0.534	0.522	0.468	0.509

	แขยงข้างลาย 1		แขยงข้างลาย 2		แขยงข้างลาย 3		แขยงข้างลาย 4		แขยงข้างลาย 5		แขยงข้างลาย 6		แขยงข้างลาย 7		แขยงข้างลาย 8		แขยงข้างลาย 9		แขยงข้างลาย 10	
	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI	LT	CI
16 a	0.507	0.720	0.572	0.623	0.583	0.597	0.656	0.614	0.507	0.667	0.616	0.619	0.719	0.505	0.607	0.699	0.511	0.512	0.465	0.719
b	0.505	0.725	0.579	0.615	0.585	0.582	0.651	0.617	0.522	0.665	0.614	0.630	0.722	0.508	0.612	0.703	0.508	0.510	0.462	0.716
17 a	0.501	0.512	0.558	0.513	0.549	0.510	0.649	0.510	0.505	0.503	0.612	0.521	0.721	0.501	0.605	0.507	0.508	0.509	0.463	0.505
b	0.504	0.518	0.543	0.517	0.554	0.515	0.643	0.507	0.503	0.503	0.615	0.517	0.715	0.502	0.595	0.511	0.507	0.509	0.464	0.504
18 a	0.500	0.712	0.534	0.673	0.584	0.732	0.647	0.686	0.491	0.670	0.596	0.634	0.694	0.710	0.607	0.722	0.508	0.636	0.462	1.000
b	0.503	0.715	0.541	0.666	0.580	0.728	0.645	0.695	0.495	0.679	0.593	0.634	0.688	0.690	0.591	0.717	0.507	0.634	0.462	1.000
19 a	0.505	0.739	0.510	0.658	0.506	0.725	0.646	0.763	0.485	1.000	0.590	0.647	0.617	0.705	0.605	0.714	0.503	0.650	0.461	1.000
b	0.495	0.715	0.518	0.662	0.511	0.726	0.641	0.763	0.497	1.000	0.588	0.643	0.655	0.682	0.592	0.711	0.504	0.655	0.457	1.000
20 a	0.493	0.547	0.511	0.523	0.507	0.501	0.620	0.674	0.472	0.511	0.601	0.567	0.667	0.511	0.588	0.503	0.492	0.567	0.449	0.501
b	0.501	0.550	0.506	0.517	0.498	0.508	0.615	0.680	0.487	0.520	0.594	0.604	0.659	0.508	0.582	0.503	0.495	0.563	0.446	0.502
21 a	0.458	0.504	0.483	0.507	0.503	0.507	0.618	0.503	0.478	0.502	0.578	0.522	0.641	0.502	0.564	0.516	0.481	0.501	0.447	0.506
b	0.463	0.505	0.483	0.505	0.496	0.506	0.624	0.506	0.472	0.503	0.584	0.520	0.646	0.505	0.556	0.518	0.486	0.502	0.448	0.504
22 a	0.422	0.543	0.485	0.509	0.501	0.509	0.613	0.506	0.456	0.504	0.572	0.543	0.613	0.502	0.551	0.508	0.462	0.502	0.427	0.684
b	0.419	0.532	0.480	0.510	0.482	0.510	0.614	0.511	0.459	0.505	0.564	0.547	0.609	0.504	0.553	0.506	0.457	0.503	0.428	0.680
23 a	0.407	0.651	0.460	0.711	0.455	0.708	0.589	0.660	0.413	0.501	0.538	0.623	0.614	0.710	0.526	0.692	0.422	0.642	0.422	0.690
b	0.389	0.643	0.469	0.713	0.462	0.710	0.607	0.638	0.411	0.504	0.541	0.623	0.607	0.750	0.533	0.692	0.417	0.633	0.418	0.678
24 a	0.385	0.522	0.439	0.510	0.403	1.000	0.585	0.518	0.409	0.506	0.517	0.505	0.611	0.504	0.511	0.677	0.416	0.505	0.376	0.500
b	0.404	0.536	0.443	0.512	0.411	1.000	0.588	0.517	0.405	0.506	0.506	0.506	0.608	0.508	0.507	0.678	0.403	0.506	0.377	0.501
25 a	0.374	1.000	0.408	1.000	0.402	0.500	0.507	0.657	0.401	1.000	0.494	0.755	0.508	1.000	0.506	0.834	0.401	1.000	0.364	1.000
b	0.377	1.000	0.405	1.000	0.401	0.501	0.522	0.659	0.395	1.000	0.502	0.771	0.484	1.000	0.509	1.000	0.405	1.000	0.367	1.000
26 a	0.382	0.505	0.404	0.502	0.372	0.503	0.383	0.507	0.372	0.503	0.469	0.514	0.507	0.678	0.419	0.504	0.400	0.500	0.352	0.503
b	0.388	0.508	0.407	0.501	0.380	0.505	0.401	0.504	0.398	0.503	0.474	0.527	0.515	0.672	0.426	0.502	0.389	0.501	0.355	0.504

ประวัติการศึกษา

นางสาววีณา วิลาสเดชานนท์ วิทยาศาสตรมหาบัณฑิต แผนกวิชาชีววิทยา คณะวิทยาศาสตร์ จุฬาลงกรณมหาวิทยาลัย ปีการศึกษา 2514 ศึกษาต่อบัณฑิตวิทยาลัย จุฬาลงกรณมหาวิทยาลัย ในปีการศึกษา 2517