242. Lengths of lives of rats

Berger, R.L., Boos, D.D. and Guess, F.M. (1988) Tests and confidence sets for comparing two mean residual life functions. *Biometrics*, 44, 103-115.

The effects on the total lifelength of rats of a restricted diet versus an *ad libitum* diet (i.e. free eating) were studied. Research indicates that diet restriction promotes longevity. Treatments were begun after an initial weaning period.

Restri	cted diet	t											
105	193	211	236	302	363	389	390	391	403	530	604	605	630
716	718	727	731	749	769	770	789	804	810	811	833	868	871
875	893	897	901	906	907	919	923	931	940	957	958	961	962
974	979	982	1001	1008	1010	1011	1012	1014	1017	1032	1039	1045	1046
1047	1057	1063	1070	1073	1076	1085	1090	1094	1099	1107	1119	1120	1128
1129	1131	1133	1136	1138	1144	1149	1160	1166	1170	1173	1181	1183	1188
1190	1203	1206	1209	1218	1220	1221	1228	1230	1231	1233	1239	1244	1258
1268	1294	1316	1327	1328	1369	1393	1435						
Ad libitum diet													
89	104	387	465	479	404	104							
606	609				494	496	514	532	536	545	547	548	582
		619	620	621	630	635	639	648	652	653	654	660	665
667	668	670	675	677	678	678	681	684	688	694	695	697	698
702	704	710	711	712	715	716	717	720	721	730	731	732	733
735	736	738	739	741	743	746	749	751	753	764	765	768	770
773	777	779	780	788	791	794	796	799	801	806	807	815	836
838	850	859	894	963			. , , ,	. , , ,	001	000	007	613	0.50