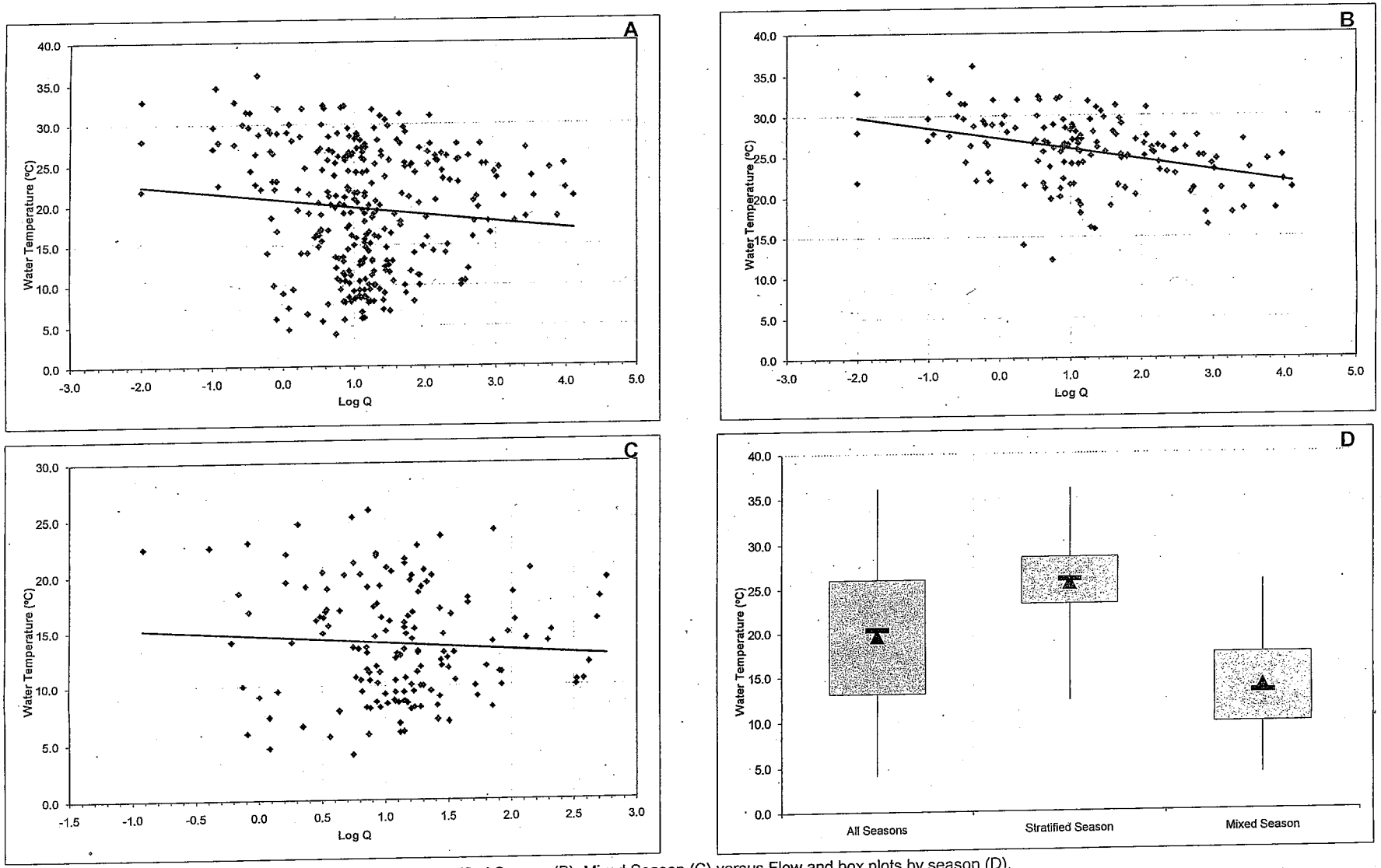

Figure 2-59. Water temperature plots for All Seasons (A), Stratified Season (B), Mixed Season (C) versus Flow and box plots by season (D).

Table 2-59. Summary statistics by season for Water Temperature, 1979 - 2010.

Season	n	% censored	Minimum	1st Quartile	Median	3rd Quartile	Maximum	IQ Range	Range	Mean	Standard Deviation	Standard Error	± 95% Conf Limit	Skewness	Kurtosis	Normality Check	r^2	t	p
All	304	0.0	4.00	13.00	20.35	26.00	36.10	13.00	32.10	19.59	7.508	0.431	0.844	-0.135	-1.086	2/2	0.013	-1.998	0.047
Stratified	149	0.0	12.16	23.23	26.00	28.49	36.10	5.26	23.94	25.60	4.197	0.344	0.674	-0.420	0.345	2/2	0.153	-5.152	0.000
Mixed	155	0.0	4.00	9.74	13.13	17.52	25.80	7.78	21.80	13.82	5.054	0.406	0.796	0.310	-0.805	2/2	0.007	-1.013	0.313

Flow Analysis

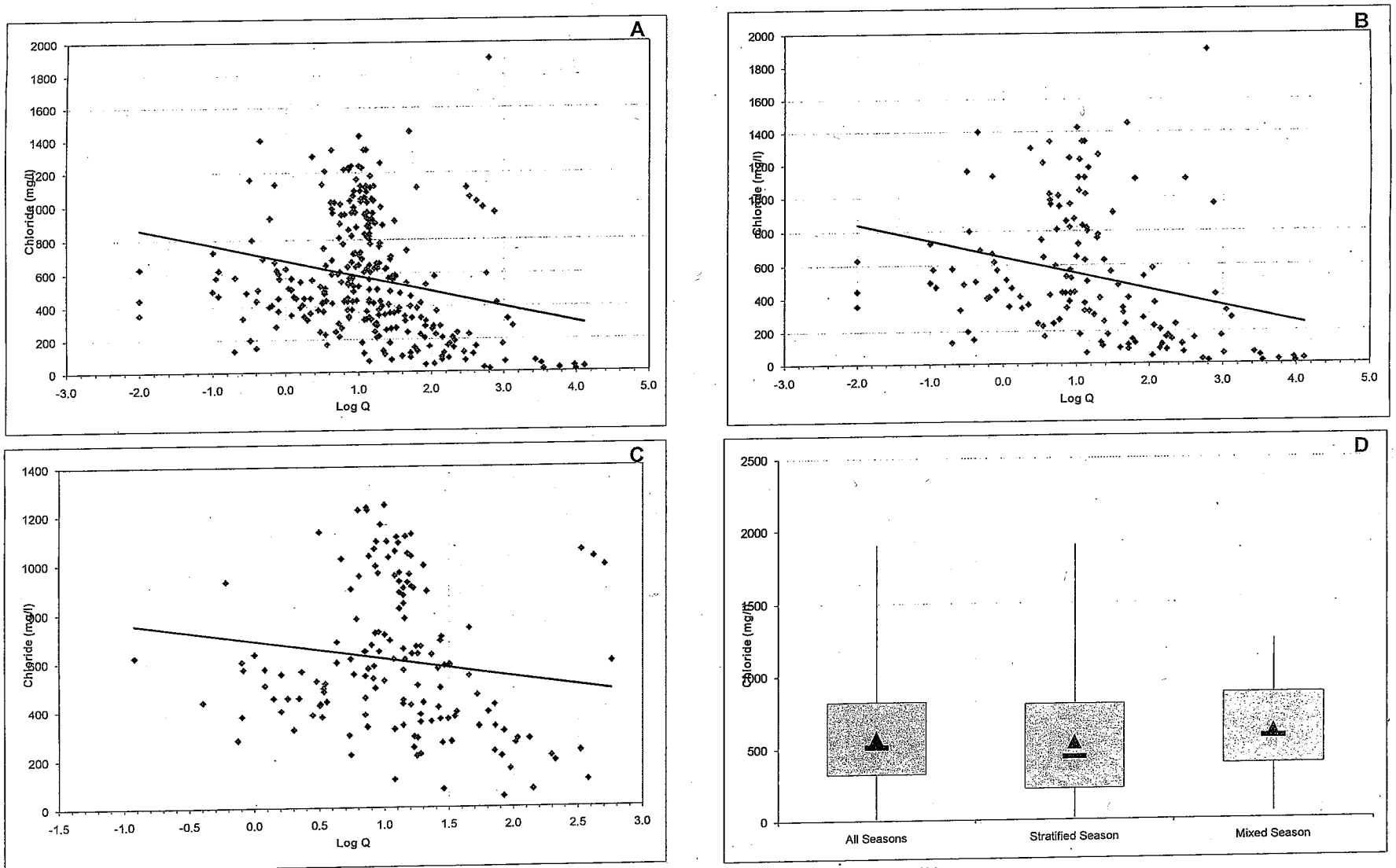

Figure 2-55. Chloride plots for All Seasons (A), Stratified Season (B), Mixed Season (C) versus Flow and box plots by season (D).

Table 2-55. Summary statistics by season for Chloride, 1979 - 2010.

Season	n	% censored	Minimum	1st Quartile	Median	3rd Quartile	Maximum	IQ Range	Range	Mean	Standard Deviation	Standard Error	± 95% Conf Limit	Skewness	Kurtosis	Normality Check	r^2	t	p
All	294	0.0	12.00	320.00	510.00	819.00	1900.00	499.00	1888.00	570.71	351.161	20.480	40.140	0.608	-0.126	1/2	0.062	-4.398	**0.000**
Stratified	142	0.0	12.00	215.00	433.50	802.13	1900.00	587.13	1888.00	535.99	400.596	33.617	65.889	0.815	0.025	1/2	0.085	-3.611	**0.000**
Mixed	152	0.0	43.90	378.50	569.49	872.75	1240.00	494.25	1196.10	603.14	295.360	23.957	46.955	0.380	-0.792	2/2	0.024	-1.923	0.056

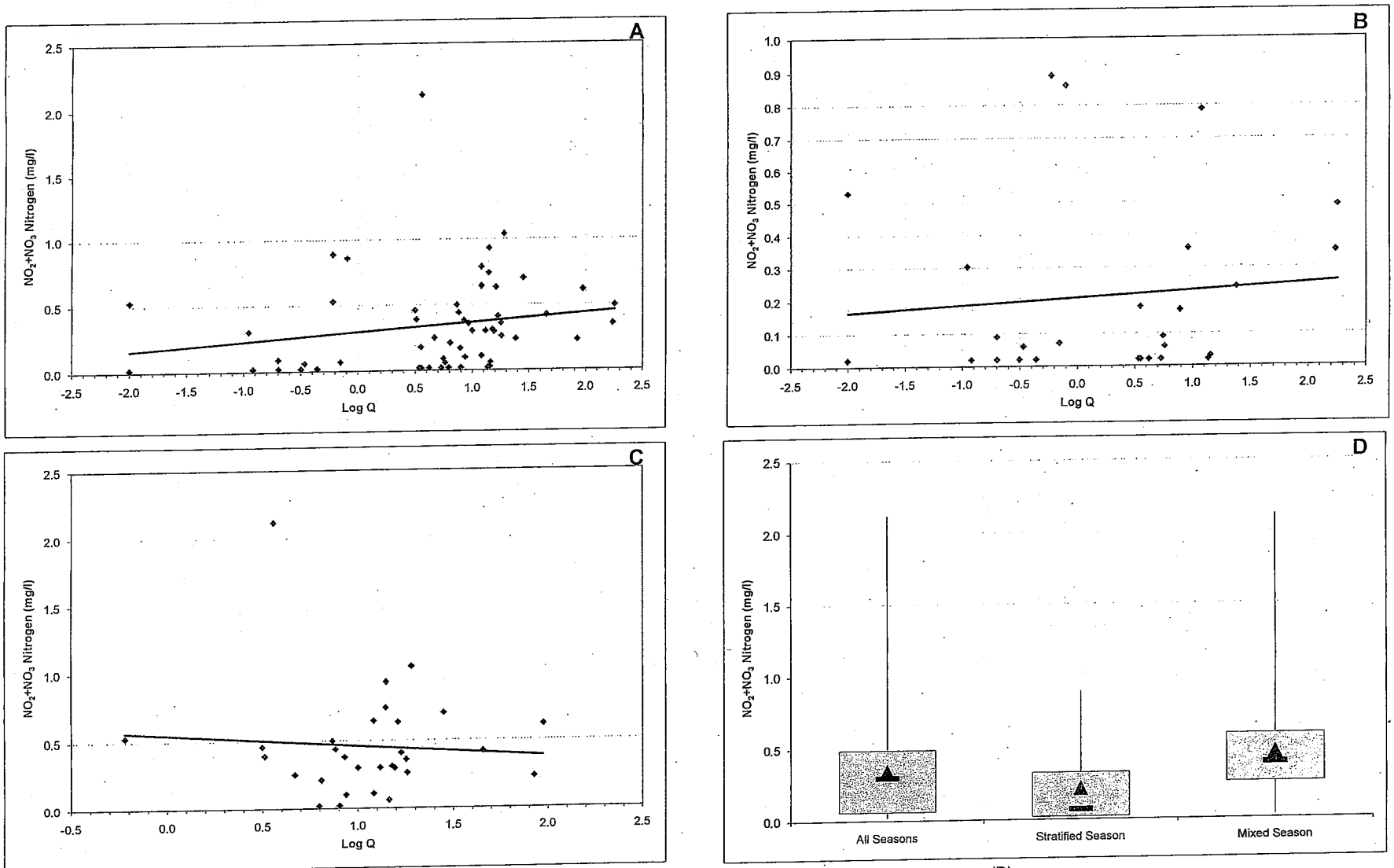

Figure 2-53. NO2NO3 Nitrogen plots for All Seasons (A), Stratified Season (B), Mixed Season (C) versus Flow and box plots by season (D).

Table 2-53. Summary statistics by season for NO2NO3 Nitrogen, 1998 - 2010.

Season	n	% censored	Minimum	1st Quartile	Median	3rd Quartile	Maximum	IQ Range	Range	Mean	Standard Deviation	Standard Error	± 95% Conf Limit	Skewness	Kurtosis	Normality Check	r^2	t	p
All	57	0.0	0.02	0.06	0.30	0.49	2.12	0.43	2.10	0.34	0.365	0.048	0.095	2.342	8.910	0/2	0.028	1.257	0.214
Stratified	27	0.0	0.02	0.02	0.07	0.33	0.89	0.31	0.87	0.21	0.273	0.053	0.103	1.502	1.212	1/2	0.008	0.439	0.664
Mixed	30	0.0	0.02	0.25	0.39	0.59	2.12	0.34	2.10	0.46	0.401	0.073	0.144	2.607	9.671	0/2	0.007	-0.457	0.651

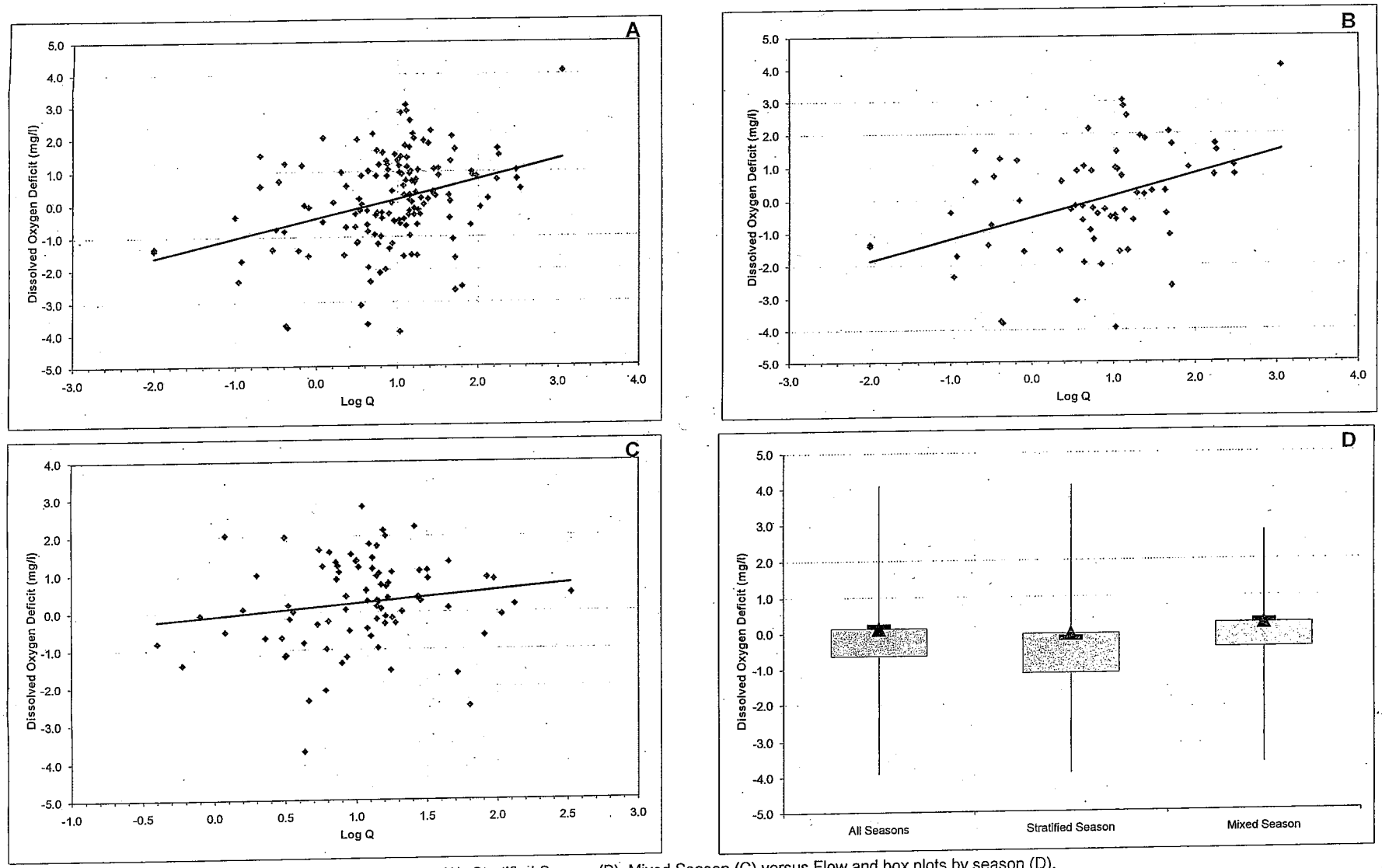

Figure 2-49. Dissolved Oxygen Deficit plots for All Seasons (A), Stratified Season (B), Mixed Season (C) versus Flow and box plots by season (D).

Table 2-49. Summary statistics by season for Dissolved Oxygen Deficit, 1996 - 2010.

Season	n	% censored	Minimum	1st Quartile	Median	3rd Quartile	Maximum	IQ Range	Range	Mean	Standard Deviation	Standard Error	± 95% Conf Limit	Skewness	Kurtosis	Normality Check	r^2	t	p
All	152	0.0	-3.93	-0.64	0.19	1.06	4.09	1.70	8.02	0.12	1.407	0.114	0.224	-0.424	0.567	2/2	0.112	4.339	0.000
Stratified	67	0.0	-3.93	-1.14	-0.17	1.01	4.09	2.15	8.02	-0.04	1.651	0.202	0.395	-0.199	0.116	2/2	0.167	3.615	0.001
Mixed	85	0.0	-3.69	-0.44	0.30	1.08	2.79	1.52	6.48	0.25	1.176	0.128	0.250	-0.579	0.708	2/2	0.022	1.357	0.179