

Table 6 Correlation between bird communities and water chemistry parameters in Izeh marsh in 2011

| | PH | DO | Sal. | T | EC | Tur. | BOD | COD | SO4 | NO3 |
|---------------------------|-------|--------|---------|-------|---------|--------|----------|---------|----------|--------|
| Birds Pearson Correlation | 0.37 | -0.332 | -0.877* | 0.352 | -0.848* | -0.381 | -0.915** | -0.795* | -0.968** | -0.298 |
| Sig. (2-tailed) | 0.473 | 0.260 | 0.011 | 0.247 | 0.016 | 0.228 | 0.005 | 0.29 | 0.001 | 0.283 |

Note: ** correlation is significant at the 0.01 level (2-tailed) * correlation is significant at the 0.05 level (2-tailed)