Table 3. Pearson correlation coefficients (r^2) for the relation of intersex prevalence and severity with land-use characteristics at sites in the South Branch Potomac River (West Virginia), Shenandoah River (Virginia), Conococheague Creek and Monocacy River (Maryland), and Gauley River (West Virginia) watersheds (modified from Blazer and others, 2011).

[Values in **bold** are considered to be significant; WWTP, wastewater-treatment plant]

Land-use characteristic	Intersex prevalence		Intersex severity	
	r^2	*p*	r^2	*p*
Human population density	0.39	0.10	0.42	0.08
Number of WWTPs	0.22	0.24	0.34	0.13
WWTP flow	0.32	0.15	**0.63**	**0.02**
Percent agricultural land use	**0.63**	**0.02**	**0.50**	**0.05**
Number of animal feeding operations	0.28	0.17	**0.56**	**0.03**
Number of poultry houses	0.27	0.18	**0.50**	**0.05**
Total number of animals	0.27	0.18	0.48	0.06
Animal density	**0.49**	**0.05**	**0.58**	**0.03**