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Eisenbud and Popescu studied special determinantal subschemes defined by maximal minors of adjoint matrices of homogeneous linear forms. They showed that these subschemes are related by Veronese embeddings and a Gale transform. We extend this result to adjoint matrices of multihomogeneous multilinear forms. The subschemes under consideration lie in products of projective spaces and the Veronese embeddings are replaced with Segre embeddings. (Received January 26, 2008)