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Laura E. Turner* (lturner@monmouth.edu), Department of Mathematics, Monmouth University, 400 Cedar Avenue, West Long Branch, NJ 07764. *Women as data and as individuals: public dialogues on sexism in mathematics during the 1970s, 1980s, and 1990s*. Preliminary report.

The Association for Women in Mathematics (AWM) came of age in the 1980s, emerging by the early 1990s as a serious mathematics organization which sought to engage members in a shared effort to improve the status of women in mathematics. The same period saw ongoing resistance to affirmative action measures within the mathematical establishment; controversial conclusions regarding gender and science, most notably those of Benbow and Stanley on sex differences in mathematical reasoning ability; and high-profile claims of sexism in mathematical practice, including the widely-publicized tenure case of Jenny Harrison. Through the public dialogues surrounding these episodes and against the backdrop of feminism, we will explore aspects of how the AWM and its members addressed the complex issue of sexism within mathematical practice, and how deeply-held and widespread belief in the inability of women to do mathematics, exacerbated by the myths of the canonical feminine woman and the possibility for objectivity in mathematical practice, simultaneously emphasized the importance of treating each woman mathematician as an individual, instead of as a representative of her sex, and left her vulnerable to the very same discrimination the AWM sought to combat. (Received September 13, 2020)