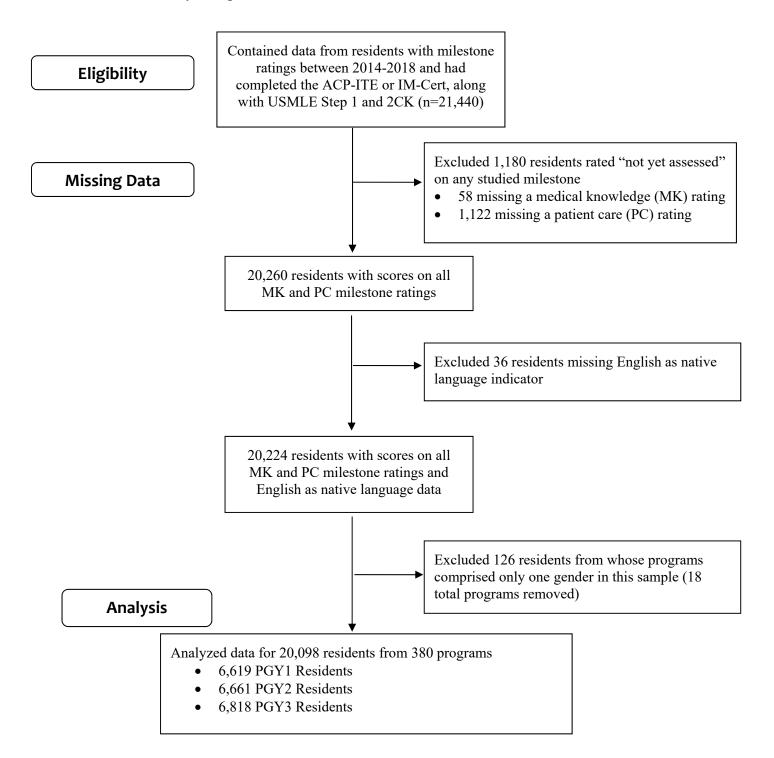
Supplemental digital content for Hauer KE, Jurich D, Vandergrift J, et al. Gender differences in milestone ratings and medical knowledge examination scores among internal medicine residents. Acad Med.

Supplemental Digital Appendix 1 Flowchart of Study Sample



Supplemental digital content for Hauer KE, Jurich D, Vandergrift J, et al. Gender differences in milestone ratings and medical knowledge examination scores among internal medicine residents. Acad Med.

Supplemental Digital Appendix 2

Differential Prediction Regression Model Comparisons for Each Postgraduate Year (PGY) by Milestone Subcompetency

Combination (To Highlight the Type of Bias Potentially Present in the Data)

Milestone	Model	PGY 1			PGY 2			PGY 3		
Subcompetency Subset		\mathbb{R}^2	R ² -Change	Likelihood Ratio <i>P</i>	R ²	R ² - Change	Likelihood Ratio <i>P</i>	\mathbb{R}^2	R ² - Change	Likelihood Ratio <i>P</i>
Medical Knowledge (MK)	Baseline	.426			.406			.377		
	Main-Effects	.435	.009	<.001	.413	.007	<.001	.377	0	.56
	Interaction	.435	0	.47	.413	0	.29	.378	.001	.03
Patient Care (PC)	Baseline	.418			.389			.367		
	Main-Effects	.428	.010	<.001	.398	.009	<.001	.367	0	.14
	Interaction	.428	0	.58	.398	0	.88	.367	.0	.70

Bold reflects best fitting model as determined by the Likelihood Ratio Test. The likelihood ratio p-value reflects the test against the previous best-fitting model (Main-effects to Baseline; Interaction to Main-effects or Baseline depending on fit). R² estimated via the marginal coefficient of determination for mixed-models. All R² values reflect the corresponding model including the covariates.³⁰