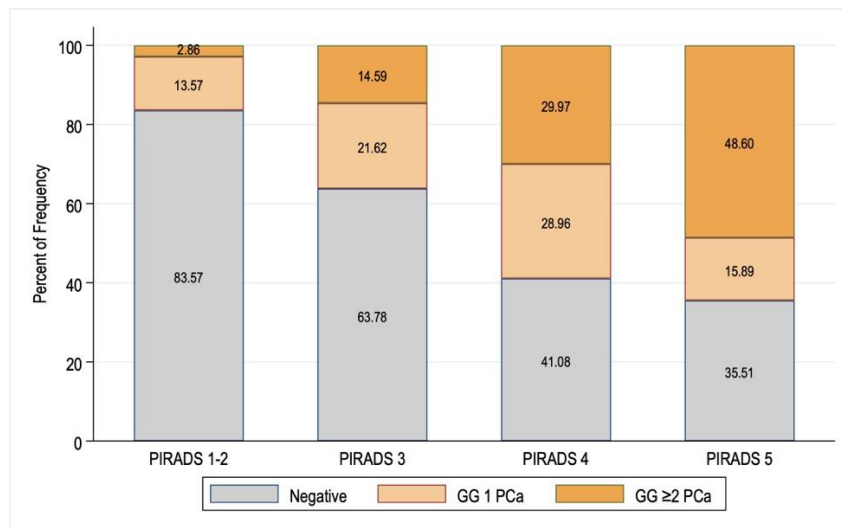**Supplementary Figure S1.** Any GG PCa and GG≥2 PCa detection rates according to PIRADS score.

Supplementary table S1. Coefficients of the Logit function for the calculation of individual PCa and csPCa risk.

	Multivariable model predicting Any GG PCa				Multivariable model predicting GG≥2 PCa			
	Coef.	**95% CI**		**P>|z|**	**Coef.**	**95% CI**		**P>|z|**
Age	0.054	0.029	0.078	**<0.001**	0.064	0.035	0.093	**<0.001**
Biopsy History								
Biopsy naive	Ref.				Ref.			
Previous Negative	-0.922	-1.305	-0.539	**<0.001**	-0.910	-1.395	-0.425	**<0.001**
DRE								
Negative	Ref.							
Suspicious	0.303	-0.057	0.662	0.099	0.704	0.290	1.117	**0.001**
PIRADS								
1-2	Ref.							
3	1.137	0.566	1.709	**<0.001**	1.692	0.576	2.808	**0.003**
4	1.814	1.280	2.347	**<0.001**	2.334	1.275	3.393	**<0.001**
5	1.612	0.955	2.269	**<0.001**	2.681	1.560	3.802	**<0.001**
PSA	0.046	0.014	0.079	**0.005**	0.086	0.048	0.125	**<0.001**
Prostate volume	-0.023	-0.031	-0.016	**<0.001**	-0.024	-0.034	-0.014	**<0.001**
PVR								
0-50	Ref.							
>50	-0.559	-0.942	-0.176	**0.004**	-1.310	-1.865	-0.756	**<0.001**
Costant	-3.681	-5.305	-2.056	**<0.001**	-6.629	-8.809	-4.449	**<0.001**