## **Supplementary Table S2. PICOTS-SD**

| Patients     | Subjects with Prostate Cancer, and currently not undergoing treatment or diagnosed with |
|--------------|---|
|              | other types of cancer; Biopsy, urine, serum, and semen as source of sample              |
| Intervention | Alpha-methylacyl-CoA racemase (AMACR)   |
| Comparator   | Benign control or biopsy negative patients  |
| Outcomes     | Diagnostic accuracy of AMACR tested on Prostate Cancer                                  |
|              | - True Positive, False Positive, False Negative, True Negative                          |
|              | - Sensitivity and Specificity   |
|              | - Positive and negative likelihood ratios   |
|              | - Positive and negative predictive power  |
|              | - Area under the curve  |
|              | - Source of sample  |
|              | - Control source  |
| Time         | Published year of 2003–2023   |
| Setting      | Subjects visiting medical facility  |
| Study Design | Diagnostic accuracy study design  |

Study Design Diagnostic accuracy study design
PICOTS-SD, participant, intervention, comparator, outcomes, time, setting, study design.