

Different Strokes for Different Folks

effects of different Covid brands on bleeding and clotting

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Data source :

Spreadsheet for this study : [spreadsheet](#)

European Safety Signal Dataset (E.S.S.D) : [data](#)

Background to E.S.S.D : [background](#)

Summary of Findings

1. Vaxzevria is associated with a significantly higher incidence of thrombosis compared to other brands of Covid jab
2. Comirnaty is associated with significantly higher incidence of menstrual bleeding, menorrhagia, uterine and breast disorders compared to other brands of Covid jab

If **Vaxzevria** is the “**Clot Shot**” – effecting veins and arteries throughout the body

then **Comirnaty** is the “**Crotch Shot**” – since it targets the reproductive system, causing excessive bleeding and ovulatory disorder

Introduction

This study was born out of a curiosity – a peculiar pattern in the symptoms for the Covid jab “Comirnaty” which indicated a strong focus of the “vaccine’s “ effects upon the reproductive organs.

It was natural for me to look at other brands of Covid jab, to see if the same patterns persisted there. I was surprised to find that other brands each seemed focused in different ways, as if testing the effects on different organ systems and different degrees of distribution.

So, it all began with an investigation of the effects of these jabs on the menstrual – ovulatory cycle.

Previous Studies of Menstrual Disorder

Dr John Campbell had published a video on menstrual irregularities following the COVID jab. See [here](#). In this video, Dr Campbell discussed two studies -

In the first [study](#), out of 78,138 vaccinated women, 39,759 (52.05%) had some form of menstrual problem after COVID vaccination.

In the second [study](#), the Norwegian Institute of Public Health followed several cohorts throughout the pandemic and early performed a systematic data collection of self-reported unexpected vaginal bleeding in non-menstruating women. This study found –

Among 7725 post-menopausal women, 7148 peri-menopausal women, and 7052 pre-menopausal women, 3.3, 14.1, and 13.1% experienced unexpected vaginal bleeding during a period of 8 to 9 months, respectively. In post-menopausal women, the risk of unexpected vaginal bleeding (i.e., post-menopausal bleeding) in the 4 weeks after COVID-19 vaccination was increased two- to threefold, compared to a pre-vaccination period. The corresponding risk of unexpected vaginal bleeding after vaccination was increased three- to fivefold in both non-menstruating peri- and pre-menopausal women. In the pre-menopausal women, Spikevax was associated with at 32% increased risk as compared to Comirnaty.

First Indications of A Significant Distribution

Using proportional reporting ratio, I had previously found that COVID jabs consistently generate safety signals for these disorders – see [here](#) and [here](#).

However, I did not know how these menstrual symptoms ranked relative to all the other symptoms - I assumed that menstrual symptoms were just one amongst many, and that all Covid jab brands would have about the same incidence. I proceeded to look at all the symptoms associated with Covid jabs, and rank each symptom in order of proportional reporting ratio.

The first surprise was the high incidence of several forms of menstrual disorder with the Covid jab – Comirnaty.

SYMPTOM	COMIRNATY
Immunisation	48.54761292
Interchange of vaccine products	21.43784098
Menstrual discomfort	20.23697554
Oligomenorrhoea	17.02359595
Menstrual cycle management	16.85656967
Polymenorrhoea	15.9899323
Menstrual disorder	15.1787841
Menometrorrhagia	14.5475371
Post vaccination syndrome	13.14648041
Amenorrhoea	12.26334457
Vaccination site lymphadenopathy	11.67587932
Ovulation delayed	11.37980806
Premenstrual syndrome	11.34491324
Menarche	11.29794072
Application site lymphadenopathy	11.12092879
Intermenstrual bleeding	10.96950086
Menstruation irregular	10.96519116
Mastitis postpartum	10.95270335
Dysmenorrhoea	10.92548262
Administration site pain	10.5554015
Vaccination failure	10.48684663
Ovulation pain	10.29488394
SARS-CoV-2 antibody test negative	10.1184906
Heavy menstrual bleeding	10.04967376
Hypomenorrhoea	9.570765055
Sick leave	9.409921144
Puncture site pain	9.116959605
Administration site oedema	9.050397803
Anovulatory cycle	9.029687703
Ovulation disorder	8.957721546
Premenstrual pain	8.840016958
Menstruation delayed	8.560149836

Fig 1 : PRR scores for symptoms associated with COMIRNATY.

Here are the top 32 symptoms in order of PRR. Nothing has been added or taken away. This is exactly how the output looks when simply ordered by PRR.

You can see that a large number of these symptoms are related to menstrual disorder (shaded in blue). This was unexpected. Disorders of the menstrual-ovulatory cycle now appeared as the leading class of symptoms for Comirnaty.

SYMPTOM	MODERNA
Vaccination site inflammation	105.105575
Injection site joint swelling	78.0176177
Vaccination site joint erythema	48.3360691
Vaccination site lymphadenopathy	37.6988894
Injection site joint erythema	34.2853694
Immunisation reaction	27.9964195
Vaccination site rash	27.5294624
Administration site swelling	23.2552061
Temperature regulation disorder	19.8685623
Menometrorrhagia	16.838609
Vaccination site urticaria	16.7038852
Vaccination site eczema	16.2139107
Vaccination site induration	14.4494649
Vaccination site paraesthesia	13.6535204
Premenstrual syndrome	13.0029462
Vaccination site haematoma	12.7791165
Increased viscosity of upper respiratory secretion	12.5759842
Vaccination site oedema	12.5614058
Vaccination site cellulitis	12.3343993
Vaccination site reaction	12.2336624
COVID-19 immunisation	11.4056796
Vaccination site mass	10.8306657
Adnexa uteri pain	10.1853931
Cervicobrachial syndrome	9.52345042
Vaccination site pain	8.8396977
Odynophagia	8.67687875
Vaccination site pruritus	8.54038702
Vaccination site warmth	7.89242013
Uterine pain	7.18600705
Oligomenorrhoea	7.13720452
Vaccination site movement impairment	7.1096493
Vaccination site joint pain	6.83218447

Fig 2 : PRR scores for symptoms associated with MODERNA

Naturally, I wanted to see if other brands of Covid jab also had the same high incidence of menstrual disorder. As you can see, for Moderna a few symptoms of menstrual disorder still appear in the top 32 symptoms (shaded in blue), but this is far less than the incidence with Comirnaty.

What appears to predominate instead are a high incidence of vaccination site symptoms (shaded in yellow).

This suggested to me that the Moderna jab is more localized to the injection site – that **it does not bio-distribute to the same extent as the Comirnaty jab.**

There is absolutely no way that all these vaccination site symptoms would just appear with top ranks together unless this was a very powerful characteristic of the Moderna jab. It must have been designed to stay at the injection site.

Though when it did bio-distribute, it seems to have mainly effected the reproductive organs –

- Menometrorrhagia
- Pre-menstrual syndrome
- Adnexa uteri pain
- Cervicobrachial syndrome
- Odynophagia
- Uterine pain
- Oligomenorrhoea
- Mechanical Urticaria

This list seems to be very focused on the reproductive organs.

I would suggest that both Comirnaty and Moderna target the reproductive organs, but that Moderna was designed to stay more at the injection site, whilst Comirnaty was not.

It is quite incredible that all of the symptoms that are not vaccination site symptoms, are almost all symptoms relating to the reproductive organs.

The takeaway here is that there are significant differences between the symptom profiles for different Covid jabs.

SYMPTOM	VAXZEVRIA
Thrombosis with thrombocytopenia syndro	32.3203586
Pregnancy test	21.34727234
Body temperature	19.52956913
Antibody test	14.91264055
Sweating fever	14.75842994
Heart rate	14.52735412
Severe acute respiratory syndrome	13.63985038
Injection related reaction	12.38796356
Skin temperature	12.05569452
Coronavirus test	11.70377964
Retinal migraine	8.880231049
Visceral venous thrombosis	8.818517865
Blood iron	8.704212597
Body temperature normal	8.378563936
Application site pain	8.283057857
Primary stabbing headache	8.271816249
Vaccination site discomfort	8.167932788
Urine output	7.722021693
Sinus headache	7.661723155
Q fever	7.39739886
Blood pH	7.211055202
Prophylaxis of nausea and vomiting	7.081333364
Influenza like illness	7.0076623
Aortic embolus	6.964780811
Cerebral venous sinus thrombosis	6.950162482
Chills	6.912602846
Cluster headache	6.528785625
Body temperature abnormal	6.432497004
Vascular headache	6.372447584
Habit cough	6.333110207
Magnetic resonance imaging head	6.233549906
Maternal exposure during breast feeding	6.020379096
Muscle fatigue	5.950174439
Tension headache	5.774973267

Fig 3 : PRR scores for symptoms associated with VAXZEVRIA

In the top 32 symptoms, menstrual disorders were **completely absent**, and there was only one single vaccination site symptom ! Instead there were several symptoms relating to thrombosis, embolism and headache.

Severe or sharp headaches are a symptom of blood clot in the brain, so these symptoms may be related.

“Symptoms of cavernous sinus thrombosis include: a sharp and severe headache, particularly around the eye. swelling and bulging of the eye(s) and the surrounding tissues.”

See <https://www.nhs.uk/conditions/cavernous-sinus-thrombosis/>

Note that sinus headache and sinus thrombosis both occur in this list, as well as retinal migraine – so it is certain that VAXZEVRIA was generating blood clots in the brain. In fact the leading symptom for VAXZEVRIA is thrombosis with thrombocytopenia – and this jab was generally referred to as the “clot shot”.

Once again, this brand of Covid jab had a distinct profile of symptoms – different from the profiles for Moderna or for Comirnaty.

So, in this study I take a closer look at these differences – focusing on thrombosis and on menstrual disorder.

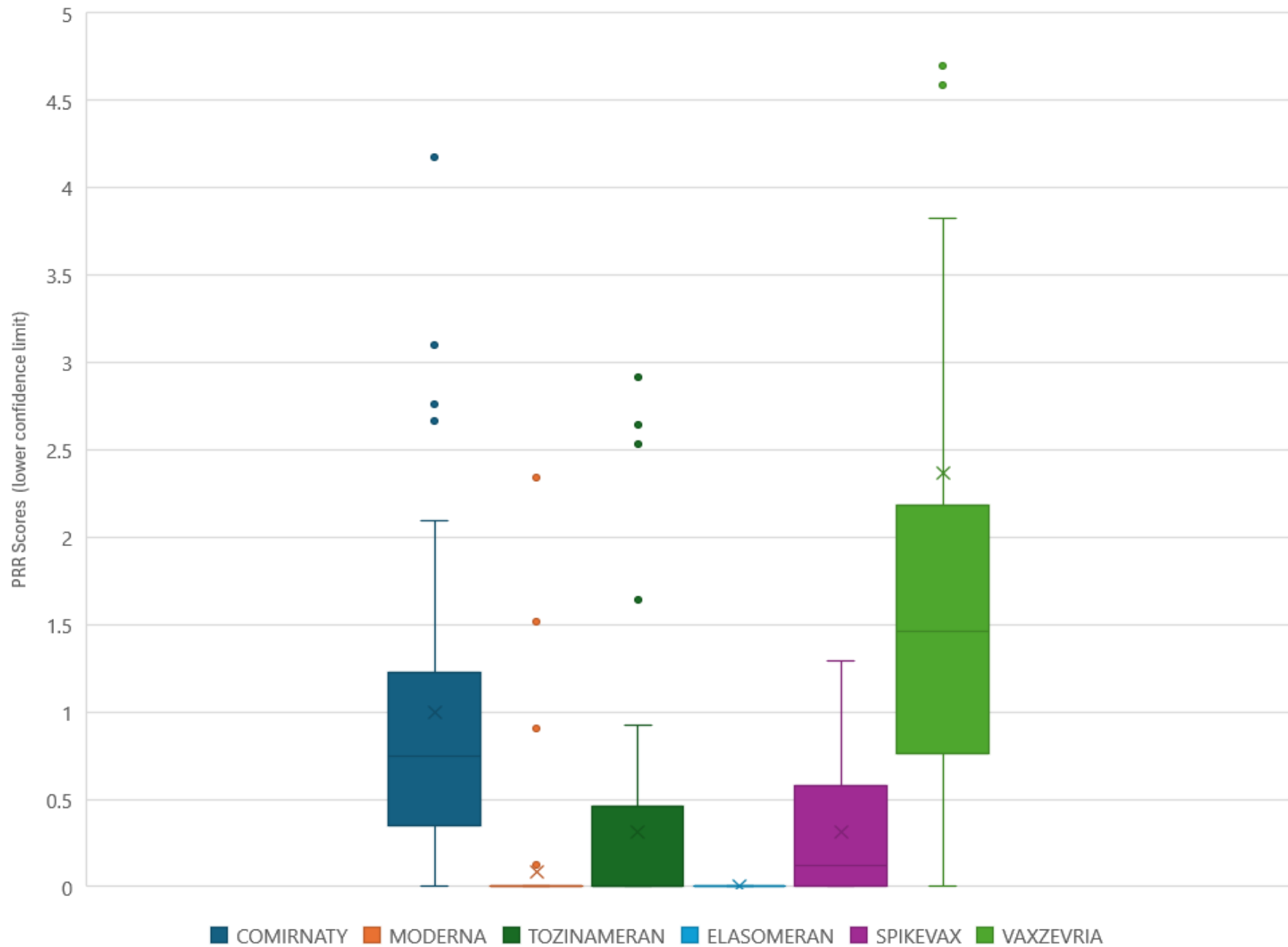
Method

The following tables show the Proportional Reporting Ratios (PRR) for each symptom with each Covid jab. A boxplot is generated showing the spread of these PRR scores. Significant differences in spread are noted.

TARGETTING THE VASCULAR SYSTEM – THROMBOSIS

SYMPTOM	COMIRNATY	MODERNA	TOZINAMERAN	ELASOMERAN	SPIKEVAX	VAXZEVRIA
Thrombosis with thrombocytopenia syndrom	0.957303016	0	0.55717589	0	0.606612669	32.3203586
Visceral venous thrombosis	0.777499655	0	0	0	0	8.818517865
Cerebral venous sinus thrombosis	1.89602308	0	1.642465217	0	1.024079481	6.950162482
Sigmoid sinus thrombosis	0	0	0	0	0	5.732059855
Portosplenomesenteric venous thrombosis	1.783249404	0	0	0	0	4.698057239
Hepatic vein thrombosis	0	0	0	0	0	4.589592231
Splenic artery thrombosis	0	0	0	0	0	3.828119135
Transverse sinus thrombosis	1.112375552	0	0	0	0.890889465	3.785041361
Superficial vein thrombosis	2.661673562	2.342911165	0.427984429	0	0.983586351	3.454196932
Superior sagittal sinus thrombosis	0.344798781	0	0.830328417	0	0.404808144	3.275025817
Cerebral venous thrombosis	1.239732785	0	0.58806819	0	0.551799729	2.771636723
Splenic vein thrombosis	0.271751248	0	0	0	0	2.56002121
Vertebral artery thrombosis	1.00984702	0	0	0	0	2.197257225
Portal vein thrombosis	0.629573825	0	0.468510043	0	0.471520297	2.190671792
Cavernous sinus thrombosis	0	0	0	0	0	2.169602819
Mesenteric vein thrombosis	1.111406057	0	0.675236962	0	0.632235746	2.151796883
Cerebral thrombosis	1.146428773	0	2.529301784	0	0.890097575	2.035772375
Ophthalmic vein thrombosis	5.099166153	0	0	0	1.28850358	1.98489551
Cerebral artery thrombosis	0.688964181	0	0	0	0.332643809	1.923022354
Deep vein thrombosis	1.099292213	0.907448787	0.920546852	0	0.824009908	1.903557746
Penile vein thrombosis	1.163910258	0	0	0	0	1.900893681
Venous thrombosis	1.413537146	0	0.271756269	0	0.645729195	1.847331685
Peripheral artery thrombosis	0.919023446	0	0	0	0.43616407	1.817916862
Venous thrombosis limb	3.100909232	1.518131948	0.114797073	0	1.059581312	1.782205139
Jugular vein thrombosis	0.649438737	0	0.59248903	0	0.349391794	1.726362848
Thrombosis mesenteric vessel	0	0	0	0	0	1.68574764
Thrombosis	0.845037871	0.122521429	2.639101133	0	0.779486623	1.665244376
Aortic thrombosis	0.496040194	0	0	0	0.511832648	1.471174226
Hepatic vascular thrombosis	0	0	0	0	0	1.449764844
Arterial thrombosis	0.561862009	0	0.273945359	0	0.257098833	1.409035226
Renal vein thrombosis	0.388710275	0	0	0	0	1.38664702
Retinal vein thrombosis	1.292055134	0	0	0	0.579318763	1.324677145
Retinal vascular thrombosis	1.504870824	0	0	0	0.635520451	1.31272876
Basilar artery thrombosis	2.762135481	0	0	0	0	1.143243761

Spread of PRR Scores for **Thrombosis Disorders** for Different Covid Jab Brands

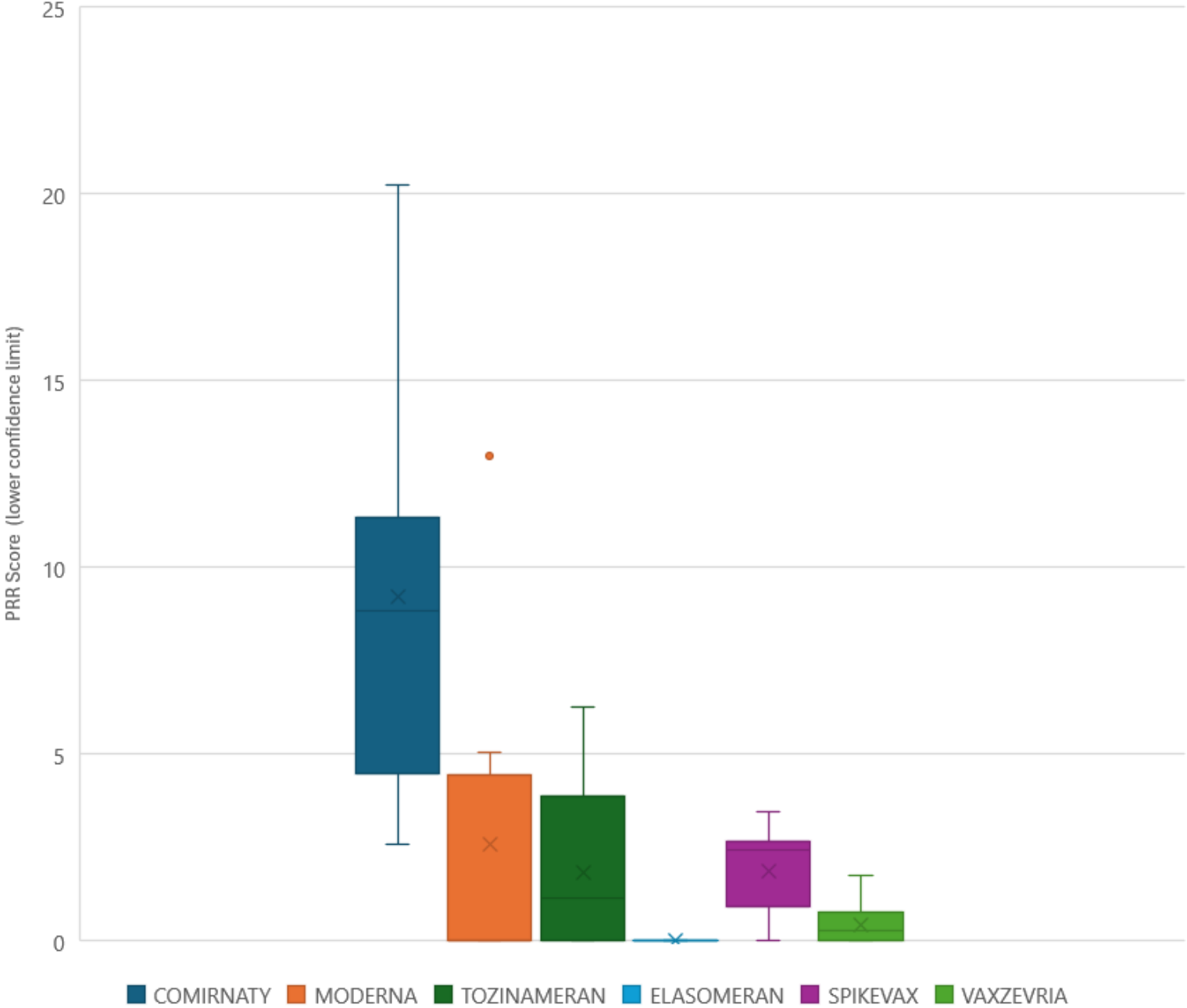


TARGETTING MENSTRUAL CYCLE

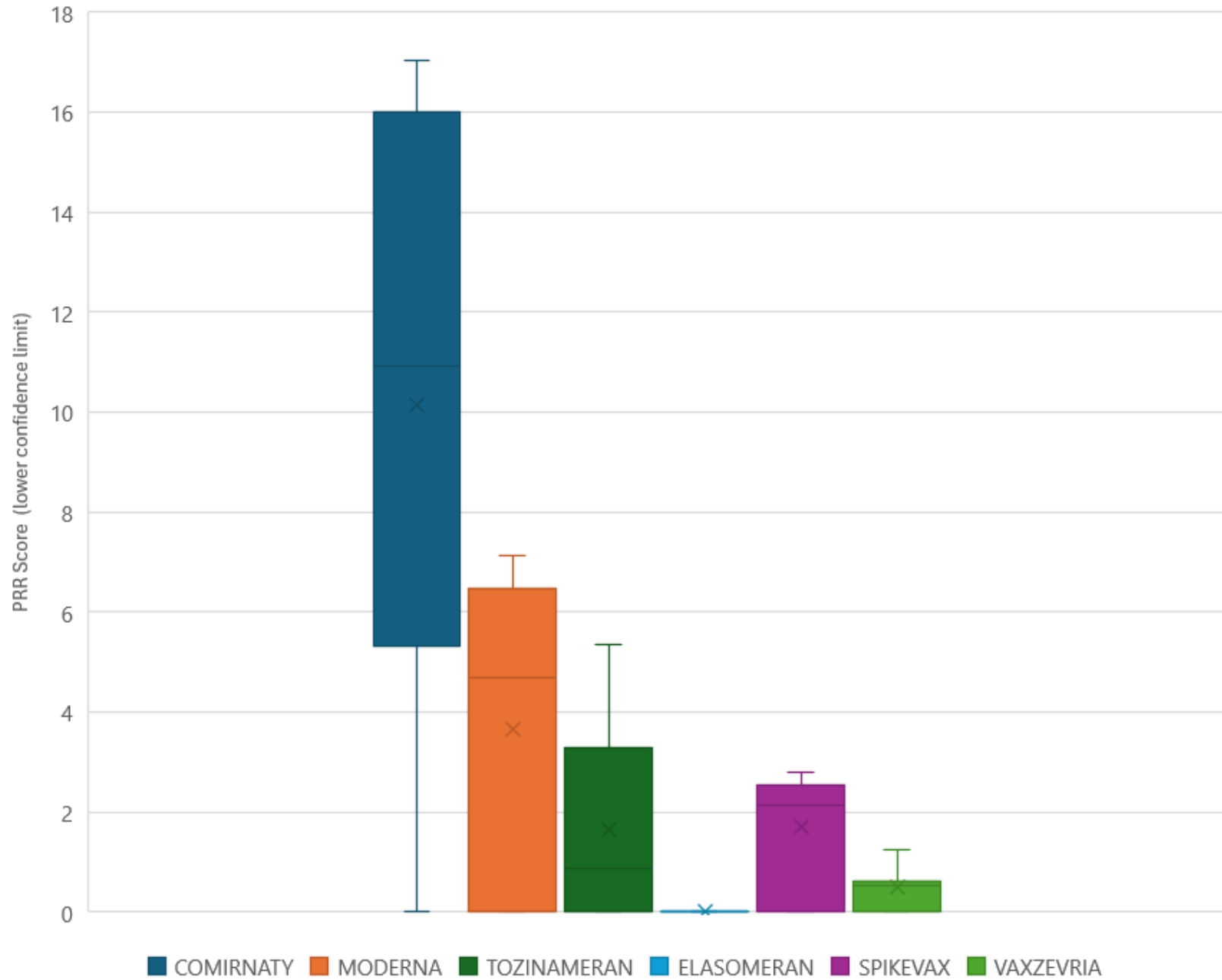
SYMPTOM	COMIRNATY	MODERNA	TOZINAMERAN	ELASOMERAN	SPIKEVAX	VAXZEVRIA
Premenstrual dysphoric disorder	3.958420694	0	6.272805095	0	0.935752617	0
Heavy menstrual bleeding	10.04967376	4.46040508	4.185421024	0	2.472727182	0.957981022
Menstruation delayed	8.560149836	4.024622847	4.028941265	0	2.149235441	1.772648554
Premenstrual pain	8.840016958	3.757098782	3.862348859	0	2.574371255	0.813831474
Menstruation irregular	10.96519116	4.901678613	3.534663184	0	2.684526504	0.763662924
Premenstrual syndrome	11.34491324	13.0029462	2.503938206	0	2.10645366	0.295423184
Menstrual disorder	15.1787841	3.855262479	1.505155568	0	2.785343022	0.591755007
Intermenstrual bleeding	10.96950086	5.066267213	1.142438557	0	2.430339405	0.561721439
Menstrual discomfort	20.23697554	0	0.433432318	0	2.691128157	0.275687413
Abnormal menstrual clots	4.497464174	0	0	0	3.478635973	0
Menstrual clots	2.602724167	0	0	0	0	0
Menstrual cycle management	16.85656967	0	0	0	2.451935948	0.367990353
Menstrual headache	6.922893269	0	0	0	0	0
Menstruation normal	2.691411095	0	0	0	1.068778551	0
Premenstrual headache	4.545982963	0	0	0	0	0
Pseudomenstruation neonatal		0	0	0	0	0
Retrograde menstruation	0	0	0	0	0	0

SYMPTOM	COMIRNATY	MODERNA	TOZINAMERAN	ELASOMERAN	SPIKEVAX	VAXZEVRIA
Dysmenorrhoea	10.92548262	6.480535167	5.361330102	0	2.459289407	0.609019074
Hypomenorrhoea	9.570765055	1.497516635	3.295186213	0	2.143189856	1.239622024
Polymenorrhoea	15.9899323	4.689739457	1.183020533	0	2.807175156	0.611391864
Oligomenorrhoea	17.02359595	7.137204516	0.878487076	0	2.539148602	0.457176156
Amenorrhoea	12.26334457	5.744248575	0.738993188	0	1.989463228	0.541350535
Amenorrhoea-galactorrhoea syndrome	0	0	0	0	0	0
Polymenorrhagia	5.332399208	0	0	0	0	0

Spread of PRR Scores for **Menstrual Disorders** with Different Covid Jab Brands



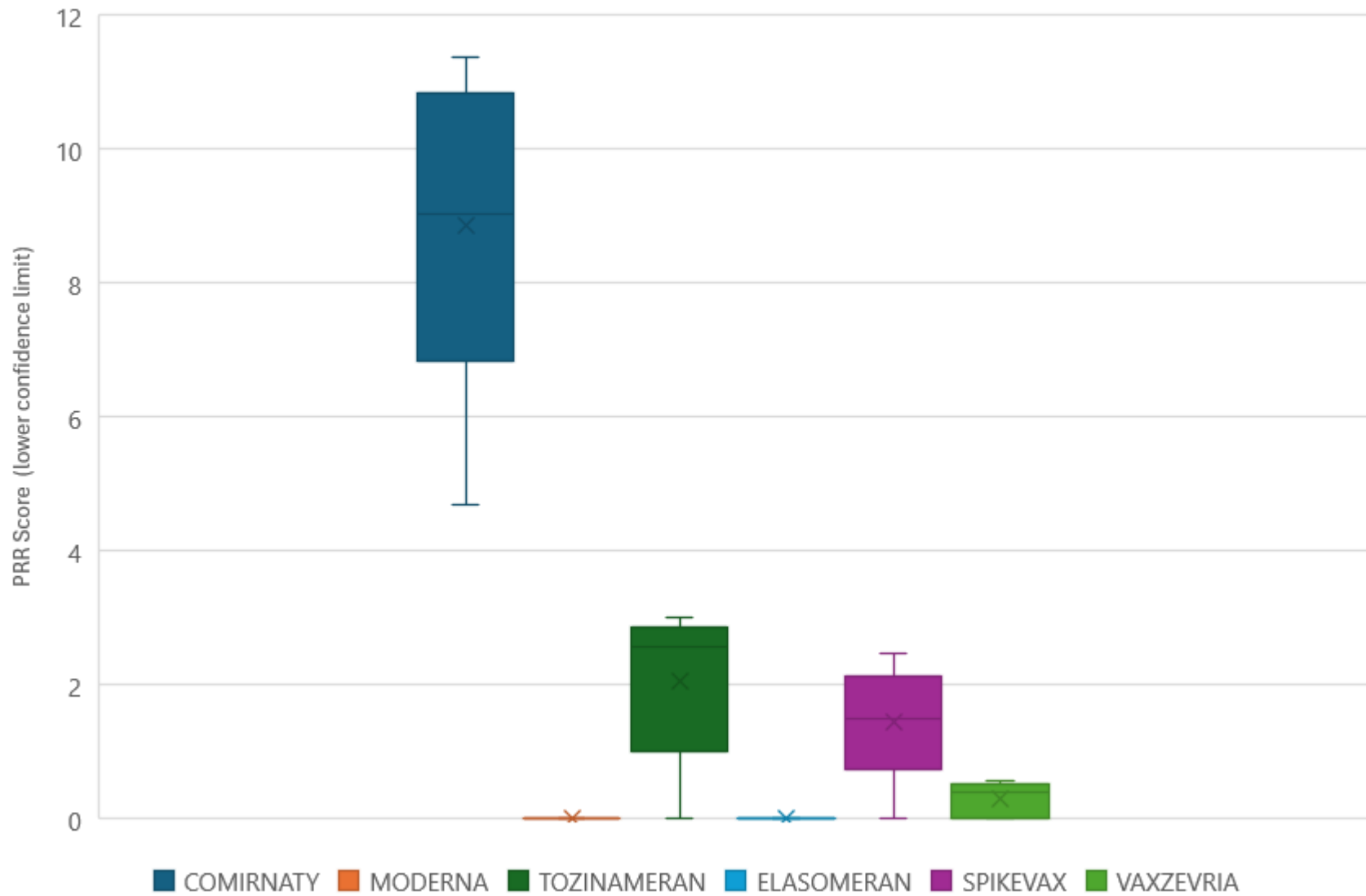
Spread of PRR Scores for **Menorrhagia** for Different Covid Jab Brands



TARGETTING OVULATION

SYMPTOM	COMIRNATY	MODERNA	TOZINAMERAN	ELASOMERAN	SPIKEVAX	VAXZEVRIA
Anovulatory cycle	9.029687703	0	3.010710218	0	1.485110868	0.488269593
Ovulation pain	10.29488394	0	2.695216239	0	2.470108669	0.57893186
Ovulation delayed	11.37980806	0	2.57583049	0	1.80138187	0.408025729
Ovulation disorder	8.957721546	0	2.023771011	0	1.486316464	0
Anovulvar fistula	0	0	0	0	0	0
Bleeding anovulatory	0	0	0	0	0	0
Ovulation induction	0	0	0	0	0	0
Poor response to ovulation induction	0	0	0	0	0	0
Premature ovulation	4.697963956	0	0	0	0	0
Superovulation	0	0	0	0	0	0

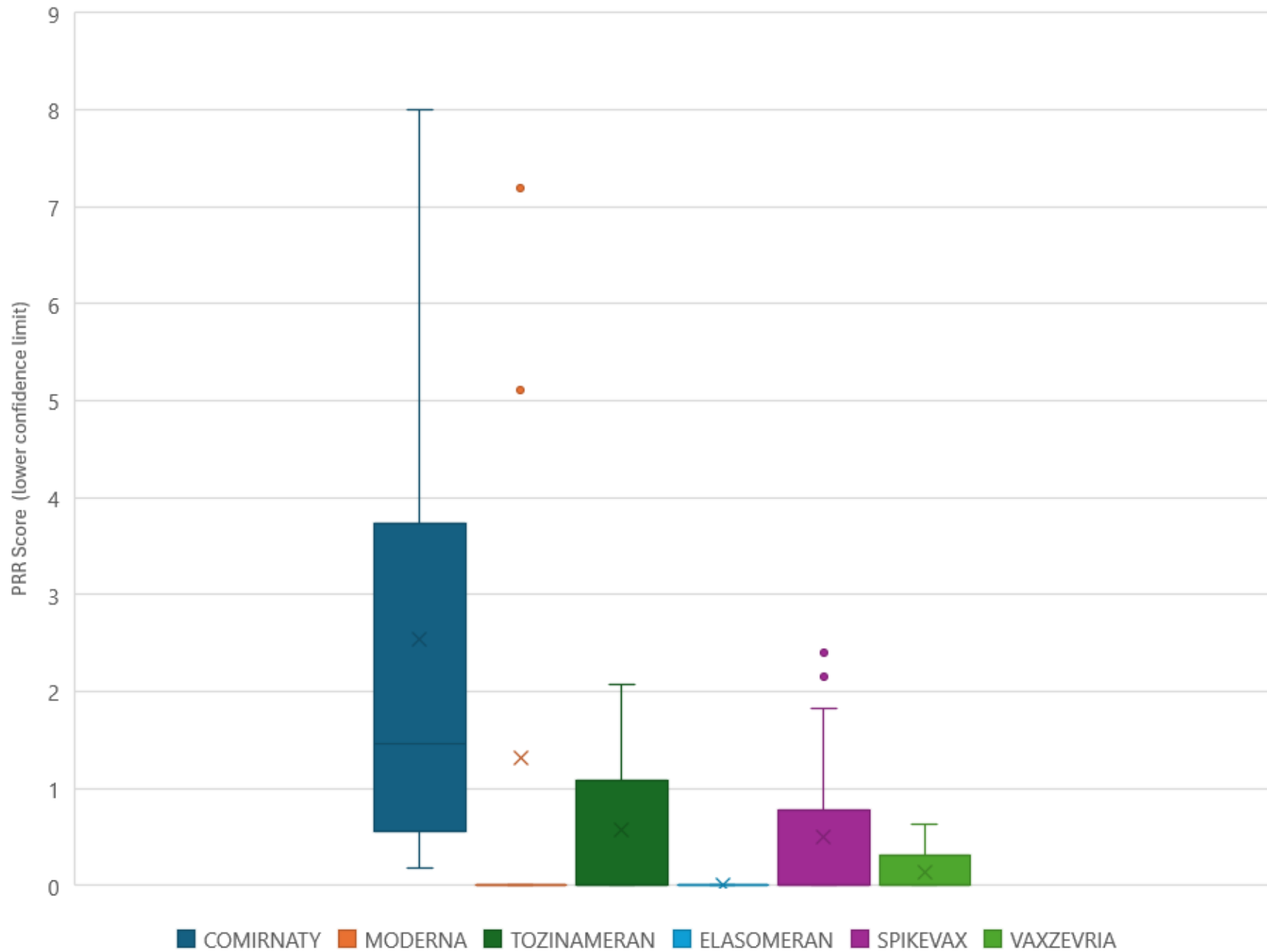
Spread of PRR Scores for **Ovulatory Disorders** with Different Covid Jab Brands



TARGETTING THE UTERUS

SYMPTOM	COMIRNATY	MODERNA	TOZINAMERAN	ELASOMERAN	SPIKEVAX	VAXZEVRIA
Uterine pain	8.000411472	7.186007054	0.995690627	0	2.148445098	0.285369875
Intrauterine contraception	7.712974183	0	0	0	0	0
Adnexa uteri pain	6.40155935	10.1853931	2.06922481	0	2.397720373	0.638885231
Uterine spasm	4.495090493	0	1.991795054	0	1.828547482	0.589402608
Uterine inflammation	2.96933026	0	0	0	0	0
Uterine tenderness	2.895119377	0	0	0	0	0
Abnormal uterine bleeding	2.801542409	0	1.084169406	0	0.829047754	0.324850386
Uterine contractions during pregnancy	1.509611486	0	1.08467214	0	0.737817925	0
Uterine contractions abnormal	1.455157874	0	0	0	0	0
Uterine haemorrhage	1.333623678	5.110606432	1.142646394	0	0.401931302	0.399253911
Uterine cyst	1.093315577	0	0	0	0	0
Uterine hypertonus	0.708357187	0	0	0	0	0
Uterine enlargement	0.563242881	0	0	0	0	0
Uterine polyp	0.550118653	0	0.907261711	0	0	0
Uterine leiomyoma	0.39316137	0	0.586668887	0	0.246919265	0.163051742
Uterine disorder	0.203304383	0	0	0	0	0
Uterine dilation and curettage	0.173785004	0	0	0	0	0

Spread of PRR Scores for **Uterine Disorders** for Different Covid Jab Brands



TARGETTING THE BREASTS

SYMPTOM	COMIRNATY	MODERNA	TOZINAMERAN	ELASOMERAN	SPIKEVAX	VAXZEVRIA
Breast inflammation	6.252967841	0	1.258833419	0	1.56389785	0.465596411
Breast engorgement	6.080586087	0	0	0	2.017499927	0.255429576
Breast oedema	5.7382455	0	0	0	1.222951163	0
Breast swelling	5.127207492	0	3.06896394	0	1.548914851	0.346451998
Breast pain	4.388032976	3.633892773	2.880208961	0	1.801107671	0.756228771
Breast tenderness	3.967392029	0	1.303144446	0	1.53328118	0.26902111
Breast enlargement	3.284806942	1.635967953	0.437872565	0	0.884690445	0.137469173
Breast discomfort	3.10224287	0	0.710486104	0	1.431294892	0.226149587
Breast induration	1.815225819	0	0	0	0	0
Breast cyst	1.605614558	0	0.796884721	0	0.778518822	0.20096813
Breast milk discolouration	1.45041538	0	0	0	0	0
Breast feeding	1.258928745	0	0	0	0.293478708	0.304144609
Breast discharge	1.159029183	0	0	0	0.308675558	0.174685196
Exposure via breast milk	1.016394031	0	1.88814453	0	0.851698123	0.31317499
Breast abscess	0.985137376	0	0	0	0	0
Breast haematoma	0.948895072	0	0	0	0	0
Breast disorder female	0.851317076	0	0	0	0	0
Breast mass	0.83585101	0	2.480283459	0	0.518956775	0.378530813
Breast haemorrhage	0.761851804	0	0	0	0	0
Maternal exposure during breast feeding	0.724385539	0	2.069798434	0	2.570559356	6.020379096
Fibroadenoma of breast	0.564918352	0	0	0	0	0
Breast disorder	0.511056942	0	0	0	0.288546791	0
Triple negative breast cancer	0.352105933	0	0	0	0	0
Breast neoplasm	0.203386636	0	0	0	0	0
Benign breast neoplasm	0.196091552	0	0	0	0	0
Invasive lobular breast carcinoma	0.189857956	0	0	0	0	0
Fibrocystic breast disease	0.161862055	0	0	0	0	0
Breast cancer female	0.119215891	0	0.167801922	0	0.088227451	0
Breast cancer recurrent	0.103002816	0	0	0	0	0
Breast cancer	0.055592198	0	0.112312477	0	0.033589511	0.028324167
Invasive ductal breast carcinoma	0.053735132	0	0	0	0	0
Breast cancer metastatic	0.019790795	0	0	0	0	0

Spread of PRR Scores for **Breast Disorders** with Different Covid Jab Brands

