
Introduction to Multi-Database/ Single Session Searching

Ovid Training
1Q2025

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Our Starting Point



Single Database, Single Session Searches – Challenges

Entry term: covid 19 vaccines

Select	Subject Heading	Count	Explode
<input checked="" type="checkbox"/>	COVID-19 Vaccines	24231	<input checked="" type="checkbox"/>
<input type="checkbox"/>	ChAdOx1 nCoV-19	1222	<input type="checkbox"/>
<input type="checkbox"/>	Ad26COVS1	339	<input type="checkbox"/>
<input type="checkbox"/>	2019-nCoV Vaccine mRNA-1273	892	<input type="checkbox"/>
<input type="checkbox"/>	BNT162 Vaccine	3838	<input type="checkbox"/>
<input type="checkbox"/>	BNT162b5	0	<input type="checkbox"/>

Ovid MEDLINE

Select	Subject Heading	Count	Explode
<input checked="" type="checkbox"/>	SARS-CoV-2 vaccine		<input checked="" type="checkbox"/>
<input type="checkbox"/>	covid 19 vaccines.mp. search as Keyword		
<input type="checkbox"/>	dimerivax		
<input type="checkbox"/>	bnt_162 vaccine		
<input type="checkbox"/>	carocovatein		
<input type="checkbox"/>	corbevax		
<input type="checkbox"/>	coronavac		
<input type="checkbox"/>	covax-19 vaccine		
<input type="checkbox"/>	covaxin		
<input type="checkbox"/>	covi-vac		
<input type="checkbox"/>	vaxzevria	6719	<input type="checkbox"/>
<input type="checkbox"/>	vidprevryn	19	<input type="checkbox"/>
<input type="checkbox"/>	vidprevryn_beta	12	<input type="checkbox"/>
<input type="checkbox"/>	vixicovtogene_oboplasmid	10	<input type="checkbox"/>
<input type="checkbox"/>	wlbp-cory vaccine	115	<input type="checkbox"/>
<input type="checkbox"/>	zapomeran	0	<input type="checkbox"/>
<input type="checkbox"/>	zeldesmeran	0	<input type="checkbox"/>
<input type="checkbox"/>	zifivax	203	<input type="checkbox"/>
<input type="checkbox"/>	zorecimeran	186	<input type="checkbox"/>
<input type="checkbox"/>	zycov-d	83	<input type="checkbox"/>

Embase

Entry term: adverse drug reaction

Select	Subject Heading	Explode
<input type="checkbox"/>	Humans	<input type="checkbox"/>
<input checked="" type="checkbox"/>	"Drug-Related Side Effects and Adverse Reactions"	<input checked="" type="checkbox"/>

Select	Subject Heading	Explode
<input type="checkbox"/>	human	<input type="checkbox"/>
<input checked="" type="checkbox"/>	adverse drug reaction	<input checked="" type="checkbox"/>

Multi-Database, Single Session Search – Model Example

<input type="checkbox"/>	# ▲	Searches	Results	Type
<input type="checkbox"/>	1	∨ COVID-19 Vaccines/	56134	Advanced
<input type="checkbox"/>	2	∨ "Drug-Related Side Effects and Adverse Reactions"/	270505	Advanced
<input type="checkbox"/>	3	∨ 1 and 2	1229	Advanced
<input type="checkbox"/>	4	∨ 3 use medall	248	Advanced
<input type="checkbox"/>	5	∨ SARS-CoV-2 vaccine/	56134	Advanced
<input type="checkbox"/>	6	∨ adverse drug reaction/	337161	Advanced
<input type="checkbox"/>	7	∨ 5 and 6	1229	Advanced
<input type="checkbox"/>	8	∨ 7 use oemezd	981	Advanced
		∧ 4 or 8	1229	
<input type="checkbox"/>	9	<u>Embase <1974 to 2024 March 25></u>	981	Advanced
		<u>Ovid MEDLINE(R) ALL <1946 to March 25, 2024></u>	248	
		∧ remove duplicates from 9	1184	
<input type="checkbox"/>	10	<u>Embase <1974 to 2024 March 25></u>	971	Advanced
		<u>Ovid MEDLINE(R) ALL <1946 to March 25, 2024></u>	213	

<https://ovidsp.ovid.com/ovidweb.cgi?T=JS&NEWS=N&PAGE=main&SHAREDSEARCHID=mrCbMN92DysWBUgZCuZvhHFENC9BeuOCeI5PYVmuubk7Q63yuC1OUPBodp7wGWax>

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The Model Example Unpacked and Explained



Two Resources

2 x Databases

Embase

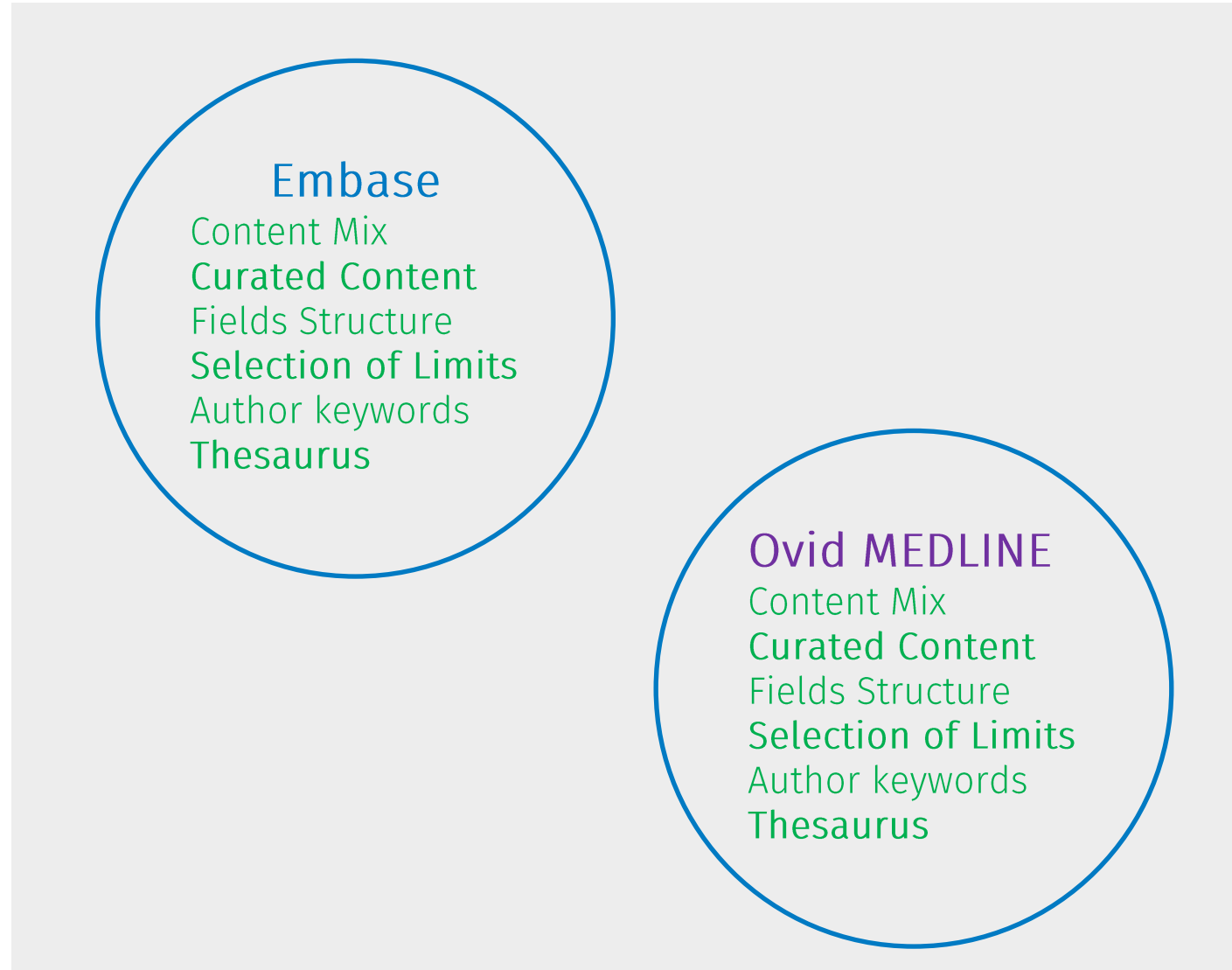
Producer: Elsevier
Records: 42 million
Type: A&I Database
Focus: Drugs
Thesaurus: Emtree

Ovid MEDLINE

Producer: NLM
Records: 38 million
Type: A&I Database
Focus: Biomedicine
Thesaurus: MeSH

Two Resources. But...

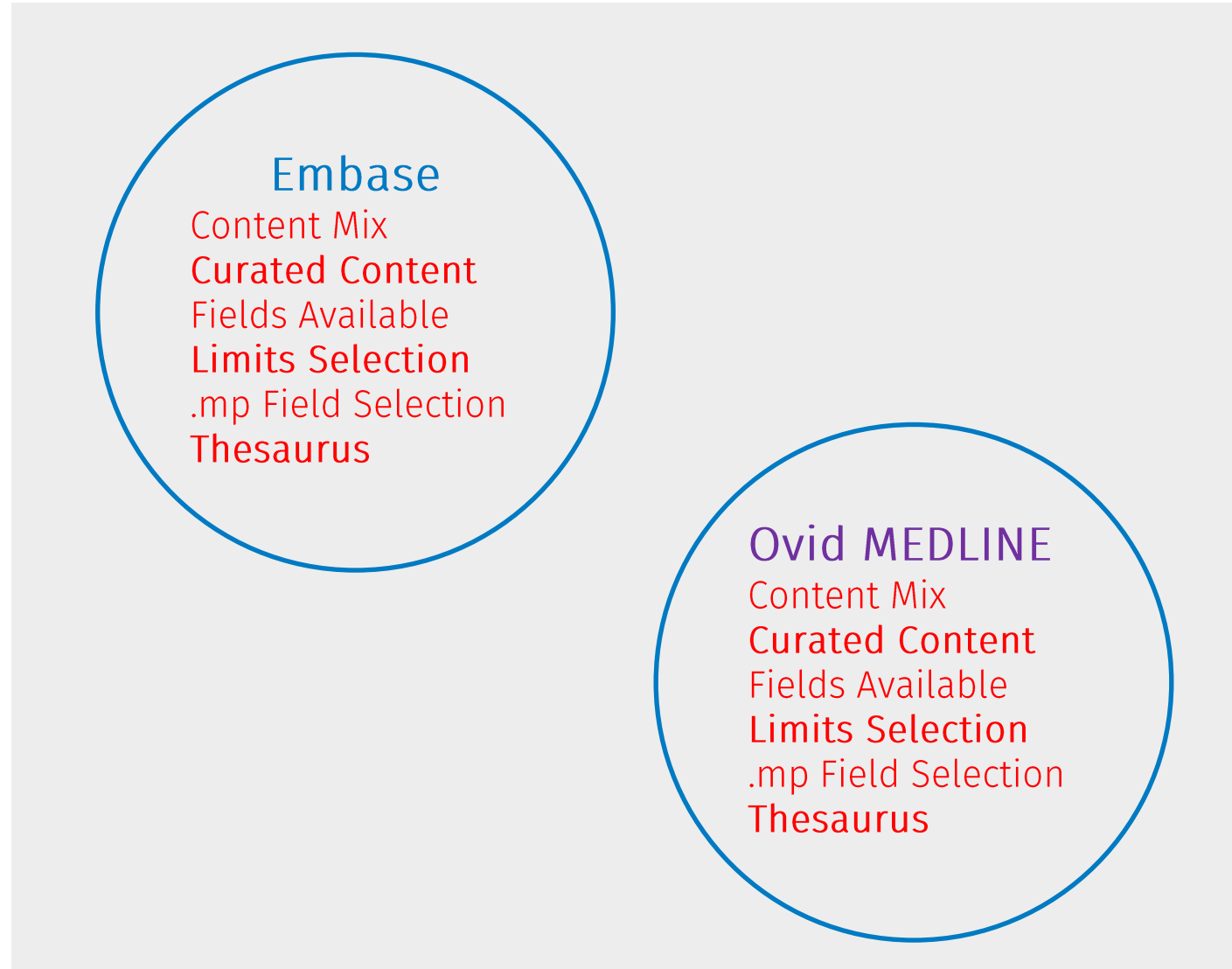
✓ Similarities



2 x Databases

Two Resources. As Well As...

X Differences

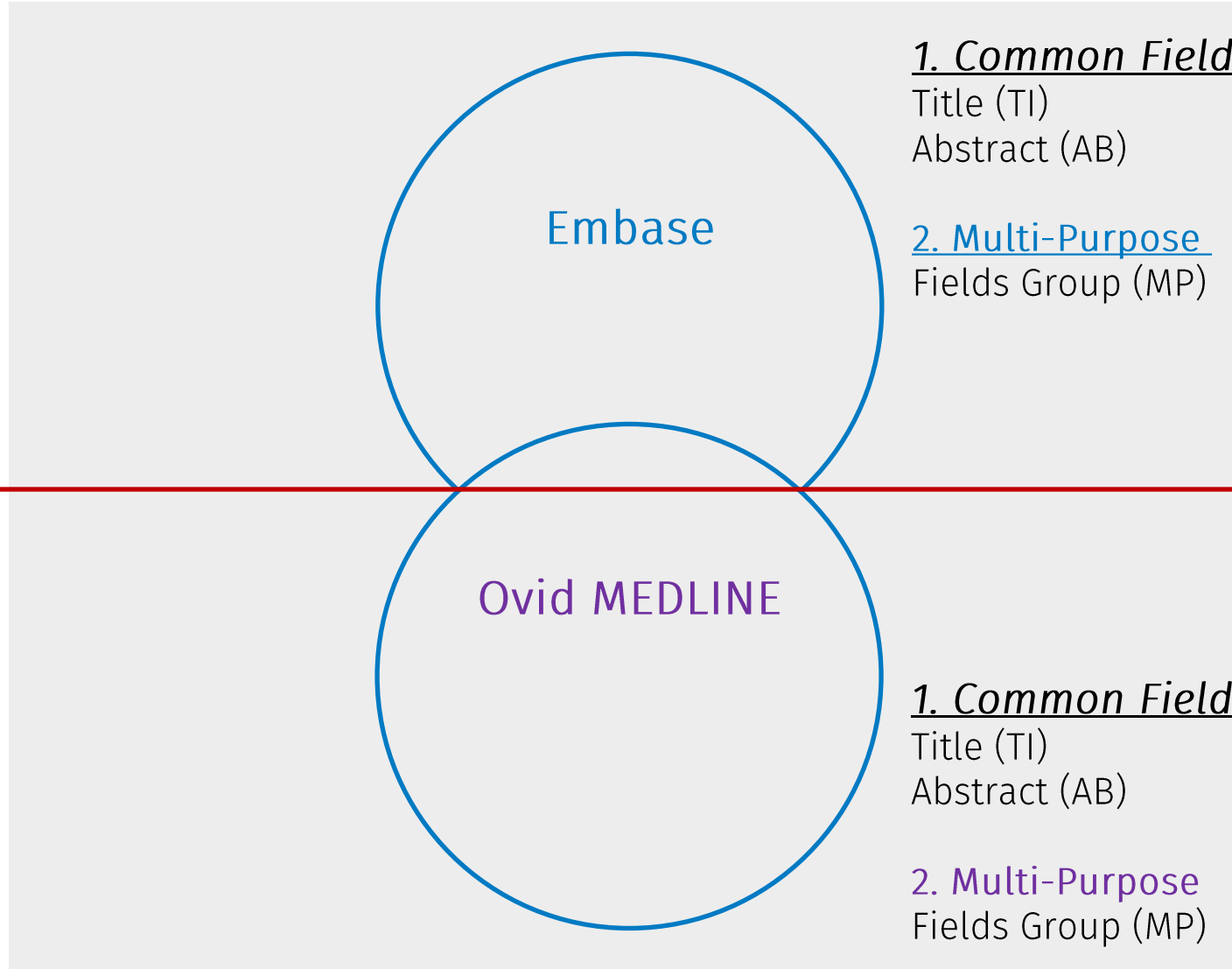


2 x Databases

One Search? Not Problematic When Simple

(covid 19 vaccine\$ and
adverse drug reaction\$).ti,ab.

(covid 19 vaccine\$ and
adverse drug reaction\$).mp.



1. Common Fields:

Title (TI)
Abstract (AB)

2. Multi-Purpose

Fields Group (MP)

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2. Multi-Purpose

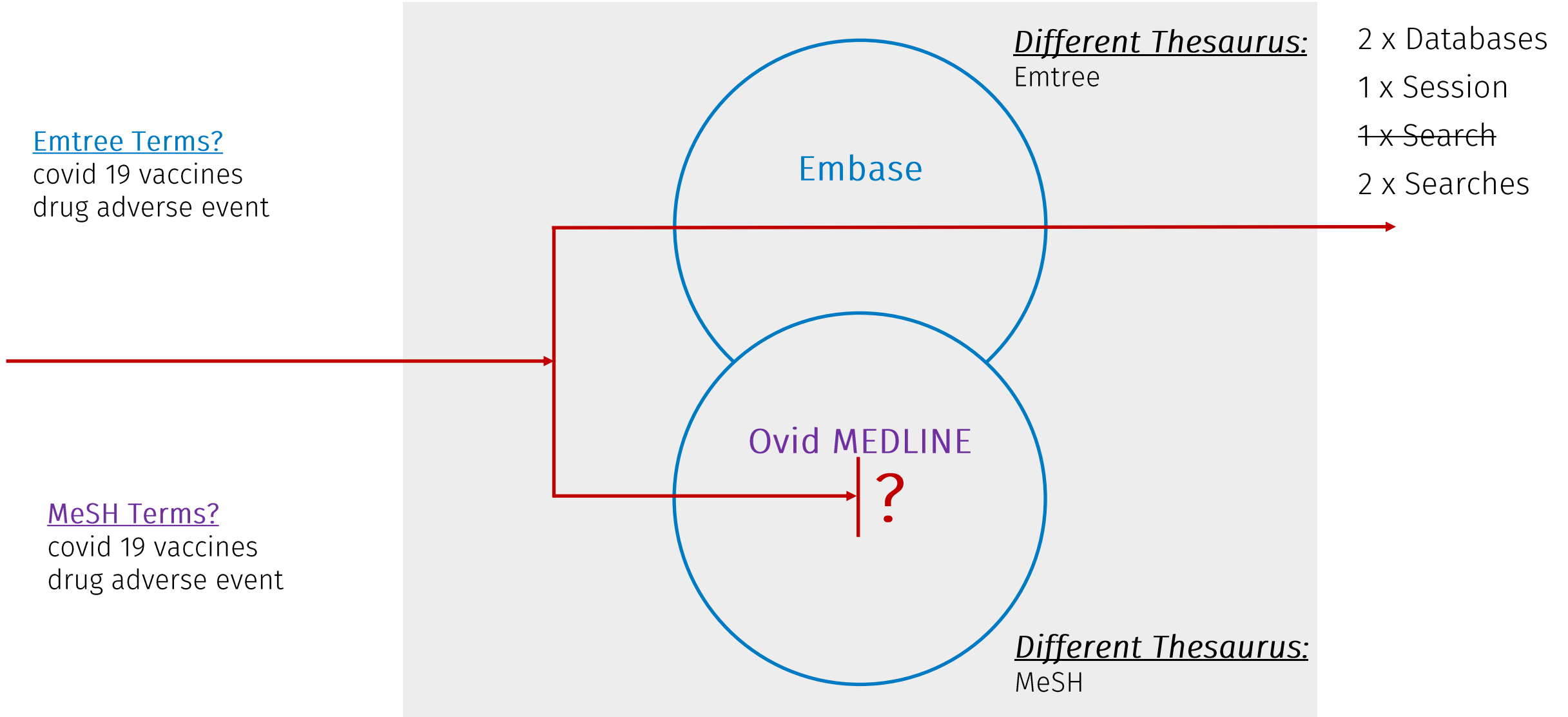
Fields Group (MP)

2 x Databases

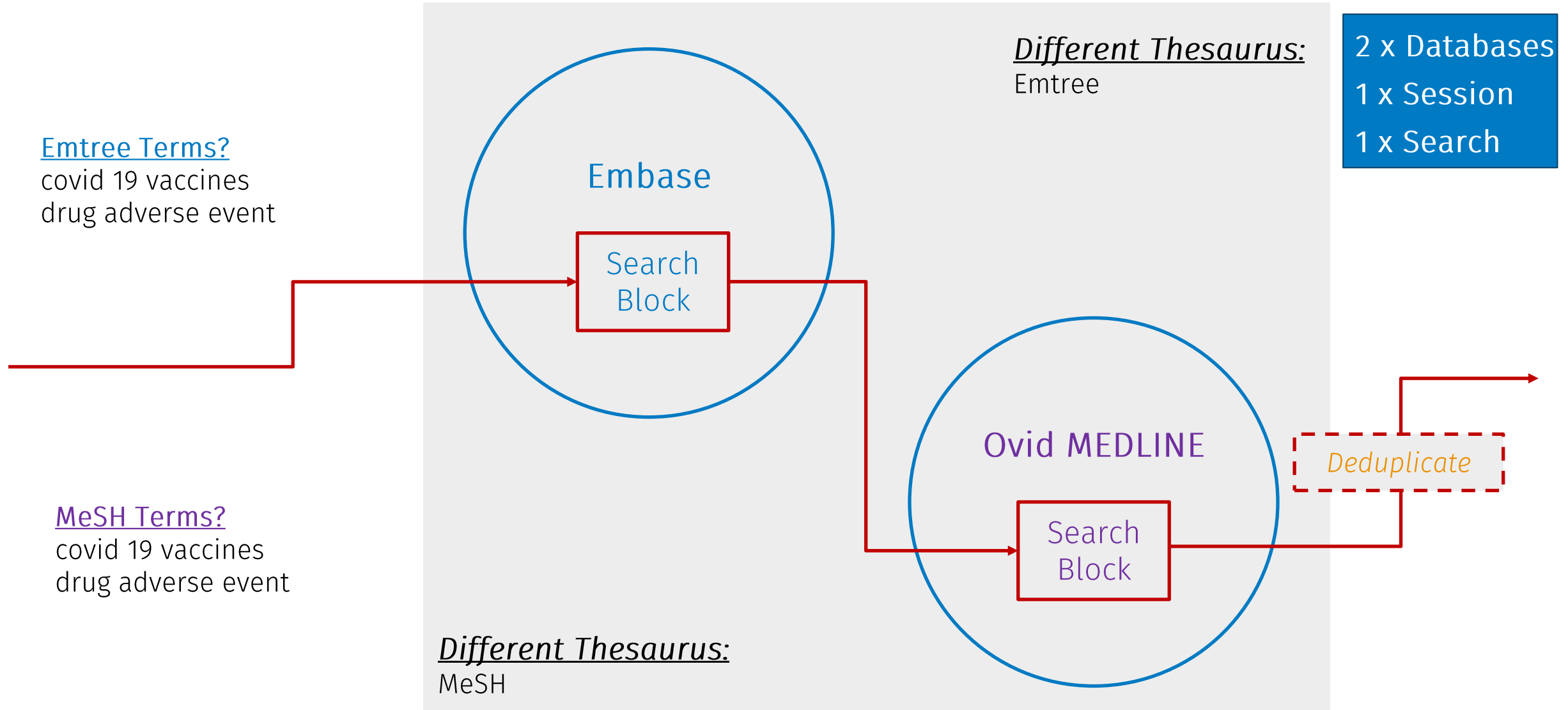
1 x Session

1 x Search

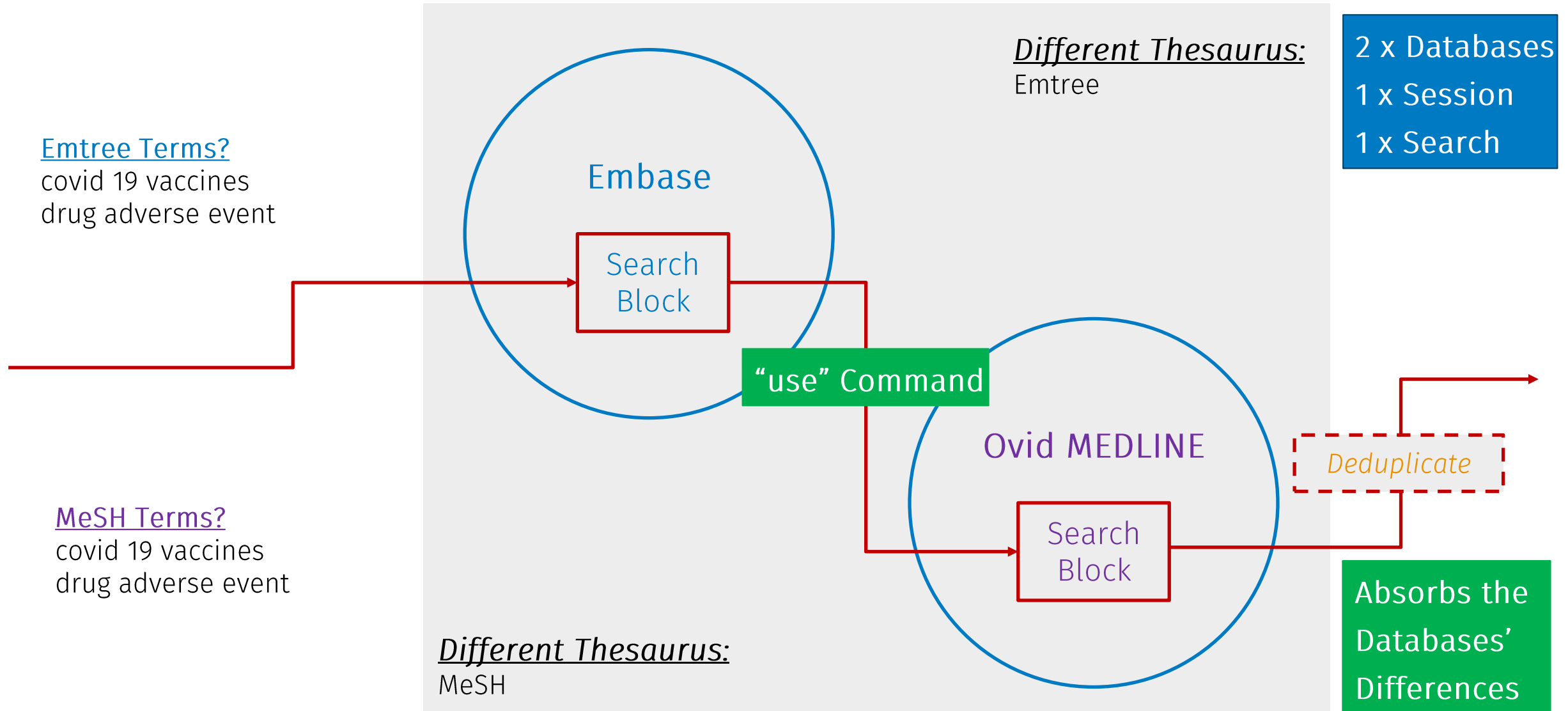
One Search? Difficult When Complex



One Search? When Complex – Use a Romper Search!



One Search – The Romper Search Solution is a...



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1. Ovid MEDLINE Search

2. Park Search / > Go to Embase on Ovid

3. Embase Search

4. Park Search / > Go to Embase and Ovid

5. Combine Embase & Ovid MEDLINE Results
> Combination with the OR operator.
> Deduplicate to unique result set.

One Search, Many Databases – Romper Search Solution!

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<input type="checkbox"/>	6	adverse drug reaction,	57161	Advanced
<input type="checkbox"/>	7	5 and 6	1229	Advanced
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Let's look at this live...



Thank you!

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