

Wenzel?-fr

A subset of the other question but one which might be easier to answer. There are three 'maybe' Wencelaus'. Using the methods with EER below 25% from the [Malerhände](#) page.

Voting with nearest 10

- c50-112-ArcFace.txt:
 - 00000029-004_Wenzel?-FR : **moses-fr**
{'aaron-fr': 2, 'könig_balak-fr': 1, 'gott-fr': 1, 'moses-fr': 3, 'bademagd-fr': 1, 'mischwesen-fr': 1, 'samson-fr': 1}
 - 00000115-001_Wenzel?-FR : **gott-fr** and **bademagd-fr**
{'moses-fr': 2, 'gott-fr': 3, 'bademagd-fr': 3, 'zippora-fr': 1, 'josef-fr': 1}
 - 00000194-001_Wenzel?-FR : **wenzel-fr**
{'wildmann-fr': 1, 'samson-fr': 1, 'bademagd-fr': 2, 'wenzel-fr': 3, 'engel-fr': 2, 'aaron-fr': 1}
- c50-112-GhostFaceNet.txt:
 - 00000029-004_Wenzel?-FR : **moses-fr** and **aaron-fr**
{'moses-fr': 3, 'wildmann-fr': 1, 'aaron-fr': 3, 'gott-fr': 1, 'pharao-fr': 1, 'jesus-fr': 1}
 - 00000115-001_Wenzel?-FR : **gott-fr**
{'pharao-fr': 1, 'gott-fr': 4, 'moses-fr': 1, 'aaron-fr': 3, 'bademagd-fr': 1}
 - 00000194-001_Wenzel?-FR : **aaron-fr** and **bademagd-fr** and **moses-fr**
{'aaron-fr': 3, 'bademagd-fr': 3, 'moses-fr': 3, 'könig_balak-fr': 1}
- nc-112-VGG-Face.txt:
 - 00000029-004_Wenzel?-FR : **moses-fr**
{'eljasaf-fr': 1, 'moses-fr': 4, 'gott-fr': 3, 'aaron-fr': 1, 'könig_balak-fr': 1}
 - 00000115-001_Wenzel?-FR : **gott-fr**
{'pharao-fr': 1, 'lot-fr': 1, 'josef-fr': 1, 'gott-fr': 5, 'moses-fr': 2}
 - 00000194-001_Wenzel?-FR : **moses-fr**
{'moses-fr': 3, 'gott-fr': 1, 'bademagd-fr': 2, 'aaron-fr': 1, 'wenzel-fr': 1, 'wildmann-fr': 1, 'eljasaf-fr': 1}

Comibined

Q(00000029-004_Wenzel?-FR): **moses-fr** 10

moses-fr: 10, aaron-fr: 6, gott-fr: 5, könig_balak-fr: 2, bademagd-fr: 1, mischwesen-fr: 1, samson-fr: 1, wildmann-fr: 1, pharao-fr: 1, jesus-fr: 1, eljasaf-fr: 1

Q(00000115-001_Wenzel?-FR): **gott-fr** 12

gott-fr: 12, mooses-fr: 5, bademagd-fr: 4, aaron-fr: 3, josef-fr: 2, pharao-fr: 2, zippora-fr: 1, lot-fr: 1

Q(00000194-001_Wenzel?-FR): **bademagd-fr** 7

bademagd-fr: 7, mooses-fr: 6, aaron-fr: 5, wenzel-fr: 4, wildmann-fr: 2, engel-fr: 2, samson-fr: 1, könig_balak-fr: 1, gott-fr: 1, eljasaf-fr: 1

Is this biased?

Maybe so. The tags are not distributed equally, especially mooses is far more frequent than the others.

Common tags only, there were a lot of tags only on one or two images.









Label	BA	ST	FR
Aaron	0	0	32
Bademagd	24	1	35
Engel	16	6	40
Gott	18	7	44
Moses	24	0	102
Wenzel	10	1	15
Wildmann	8	0	19

What is interesting here is that the most voted for tags above are a good reflection of the overall common tags for frana, with one notable exception: wenzel. Both *29-004_Wenzel?-FR* and *115-001_Wenzel?-FR* have not a single vote for wenzel. On the other hand *194-001_Wenzel?-FR* has four (three from ArcFace and one from VGGFace), so that might be worth a closer look.

Closer look at Arcface and 194-001_Wenzel?-FR

Let's compare the image with the other wenzel images ranked high by Arcface.

In IMG	RANK	TAG	Orig IMG
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	Q	194-001 Wenzel?	
	4	186-005 Wenzel	
	7	200-02 Wenzel	
	8	169-01 Wenzel	

In IMG : Input images for Arcface

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