

3rd Annual International Conference – CyberTherapy 2005  
„A Decade of Virtual Reality“  
June 6-10, 2005  
Basel

# **Telecommunication in Psychiatry: A Needs Assessment of Different Potential User Groups in the ISLANDS Project**

Hubert Sulzenbacher & Members of the ISLANDS Consortium  
Medical University Innsbruck

# Integrated System for Long distance psychiatric Assistance and Non-conventional Distributed health Services

EU Fifth Framework Programme  
Quality of Life & Management of Living Resources  
QLRT-2001-01637  
01.01.2003 – 31.12.2005  
12 partners in 7 European countries  
3 pilot sites



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## Austria



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### Telecommunication in Psychiatry

### A Needs Assessment of Different Potential User Groups in the ISLANDS Project

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Austria



Czech Republic





Austria



Czech Republic



France





Austria



Czech Republic



France



Greece





Austria



Czech Republic



France



Greece



Spain





Austria



Czech Republic



ISLANDS scientific sites.  
Urban areas.  
Patients and therapists living in the same area.



France



Greece



Spain



ISLANDS pilot sites.  
Remote regions.  
Patients and therapists living in different regions.



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**Patients**

**Relatives**

**Practitioners**



Austria



Czech Republic



France



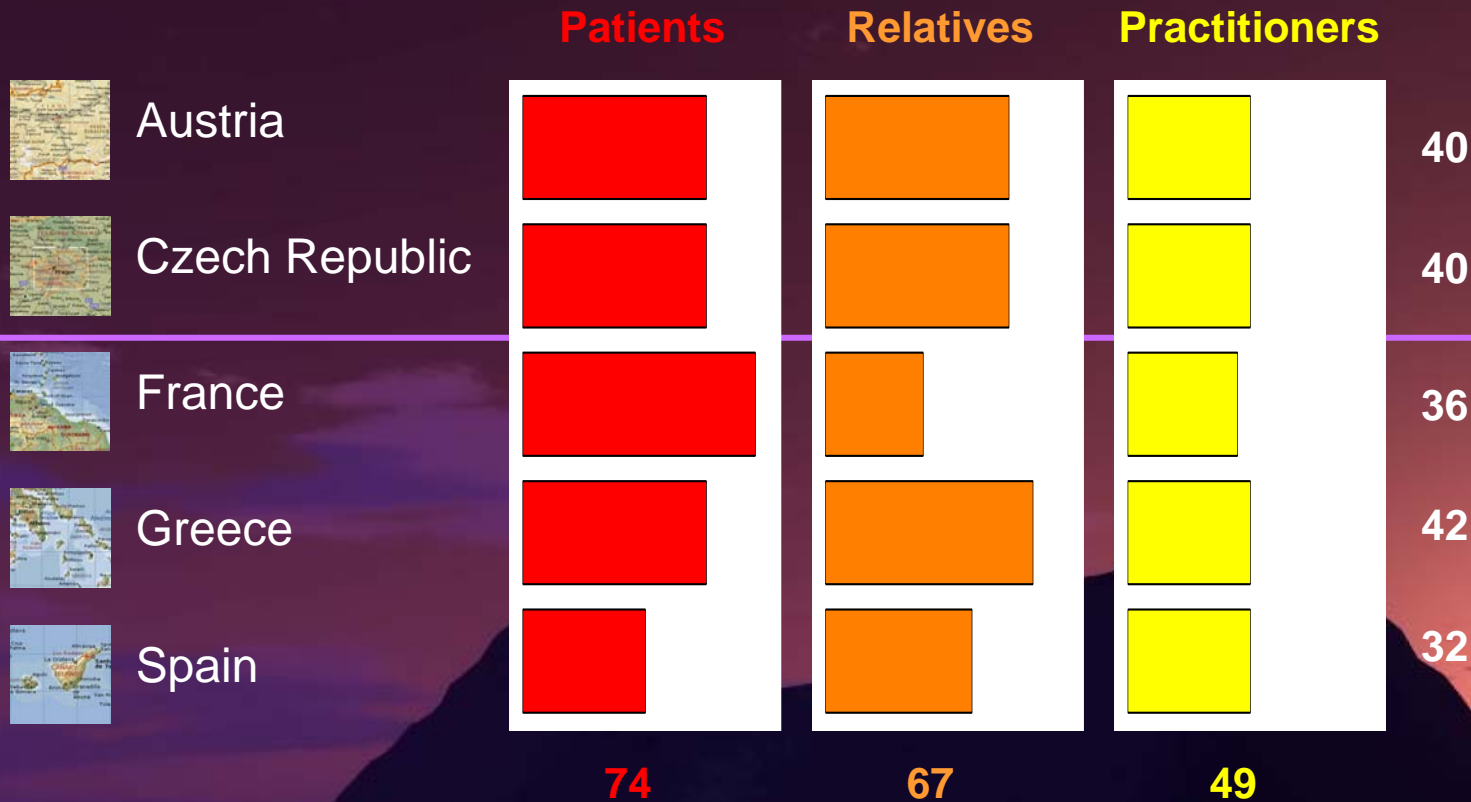
Greece



Spain

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Patients

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Austria



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Spain

Regional situation of mental health care

Telecommunication: Personal situation

Attitudes towards telepsychiatry and e-mental health

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# Regional situation of mental health care



Austria



Czech Republic



France



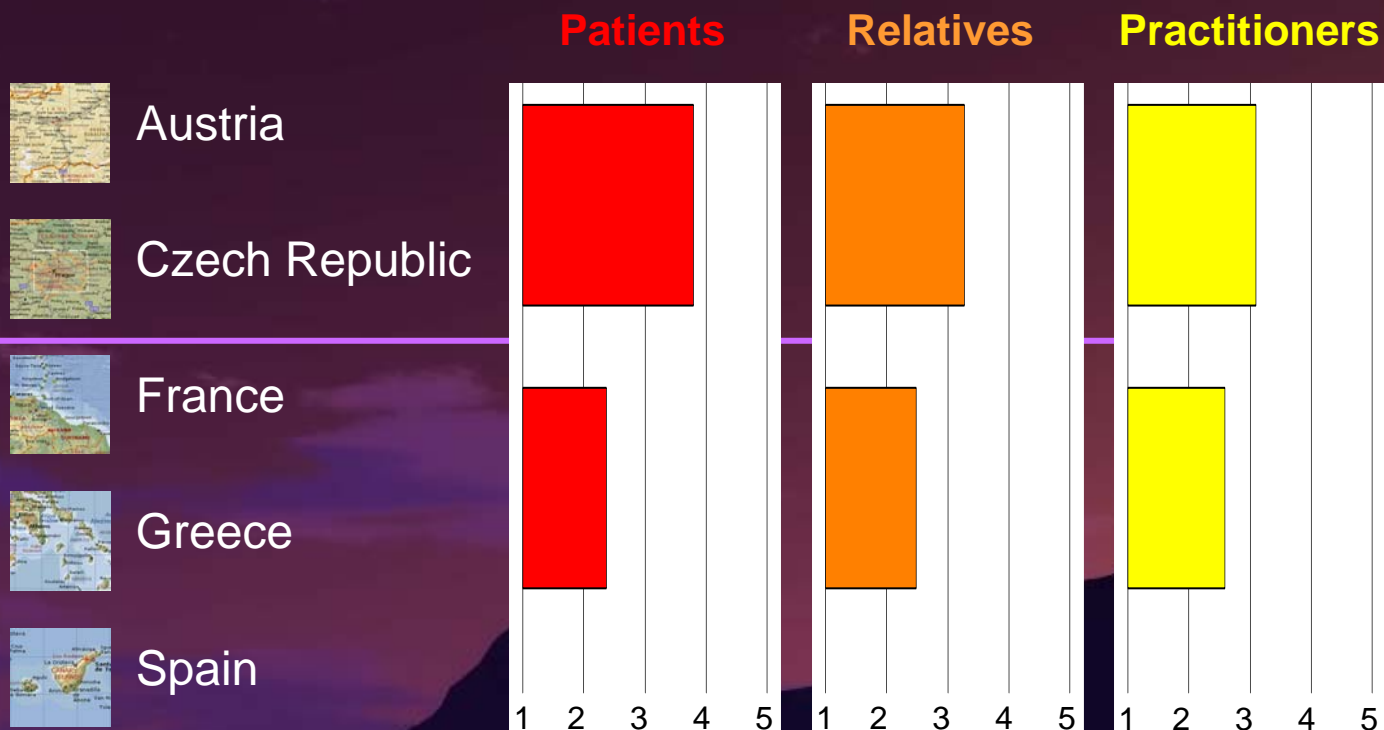
Greece



Spain

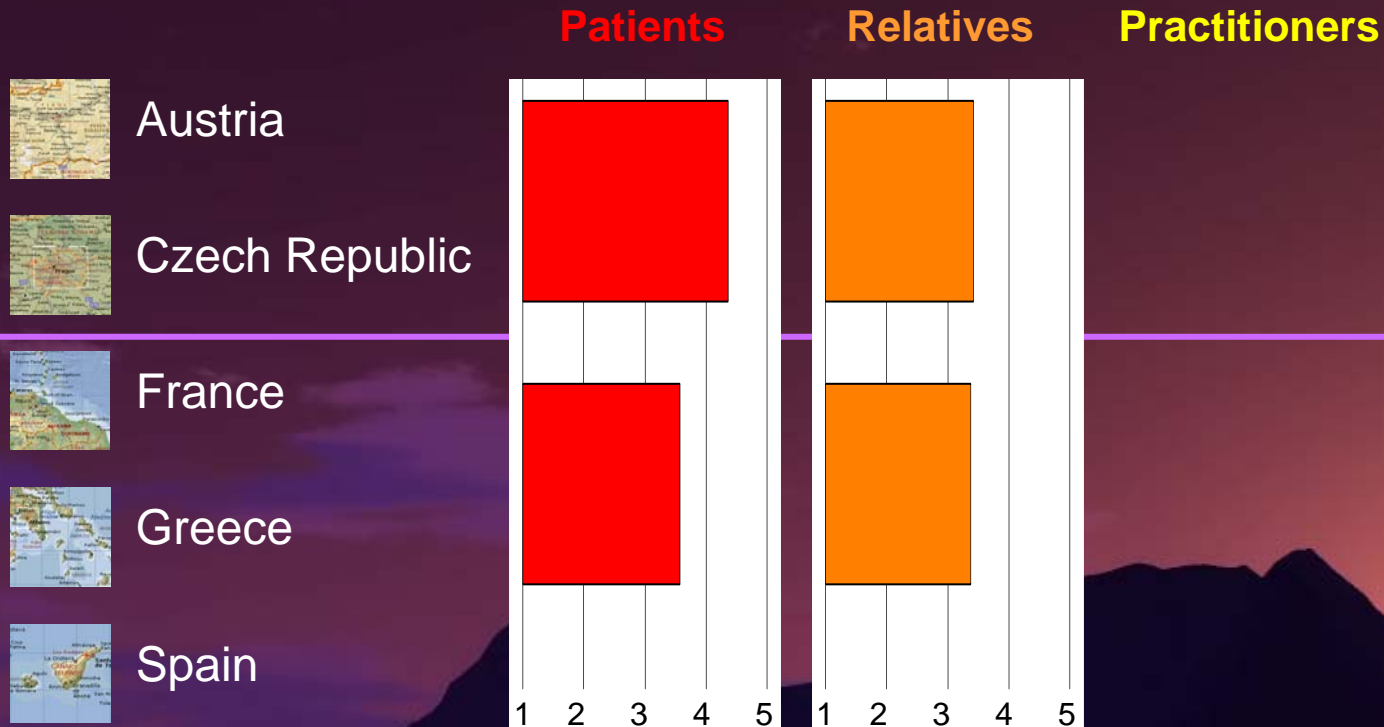
# Is the quality of mental health services sufficient?

Likert-scale: 1 (No, not at all) - 5 (Yes, absolutely)



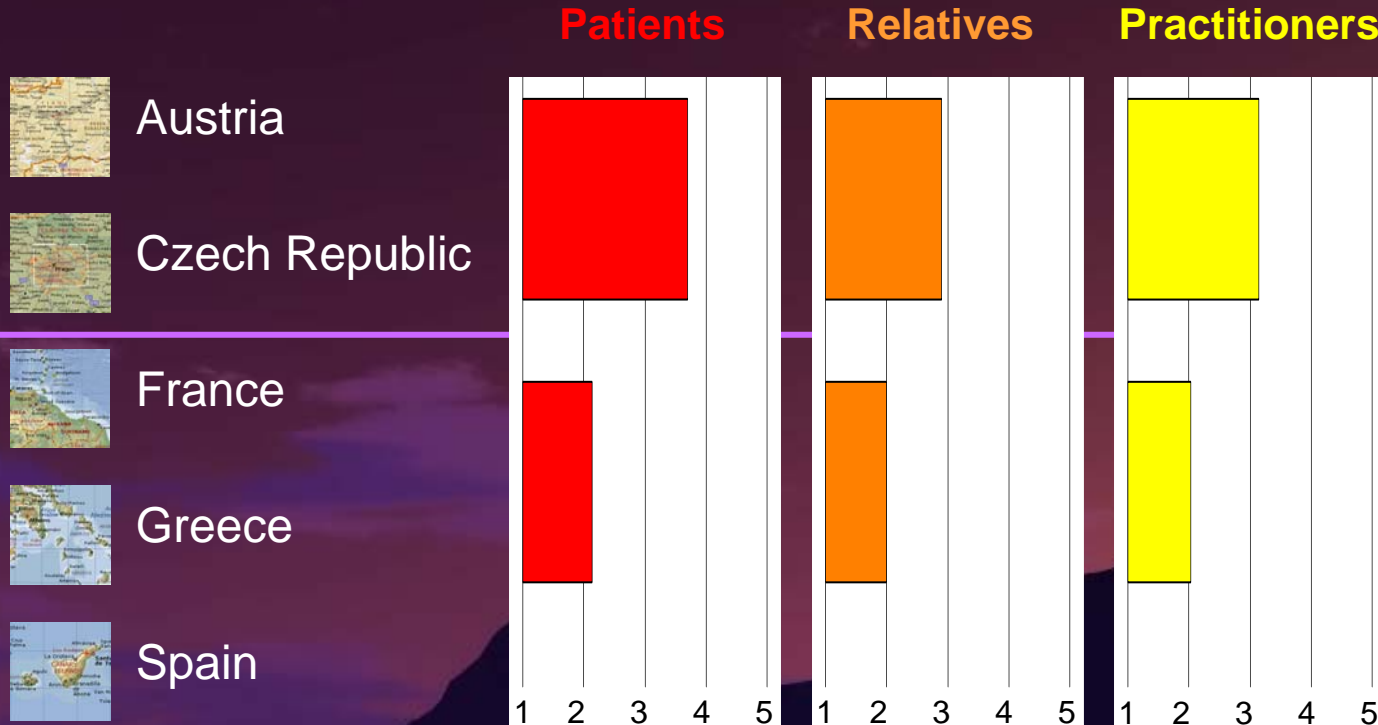
# Are you satisfied with treatment?

Likert-scale: 1 (No, not at all) - 5 (Yes, absolutely)



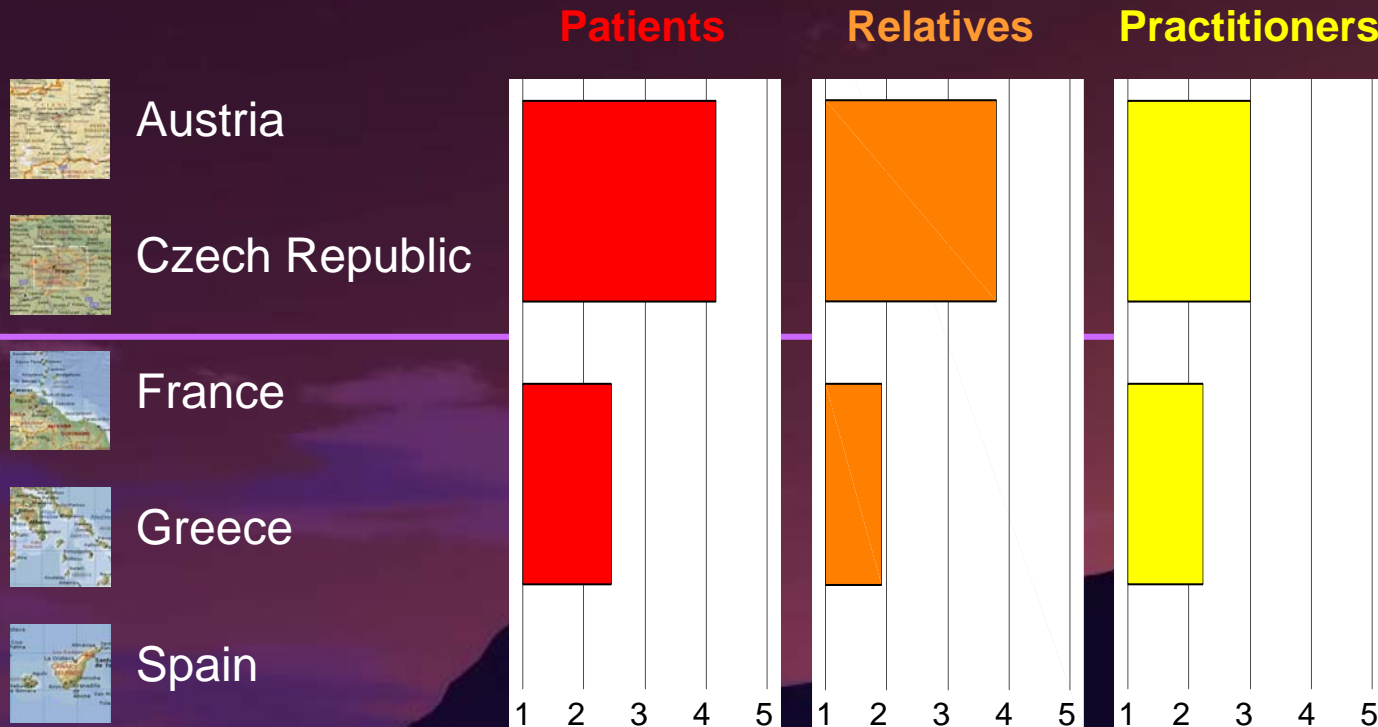
# Is the geographical distribution of mental health resources sufficient?

Likert-scale: 1 (No, not at all) - 5 (Yes, absolutely)



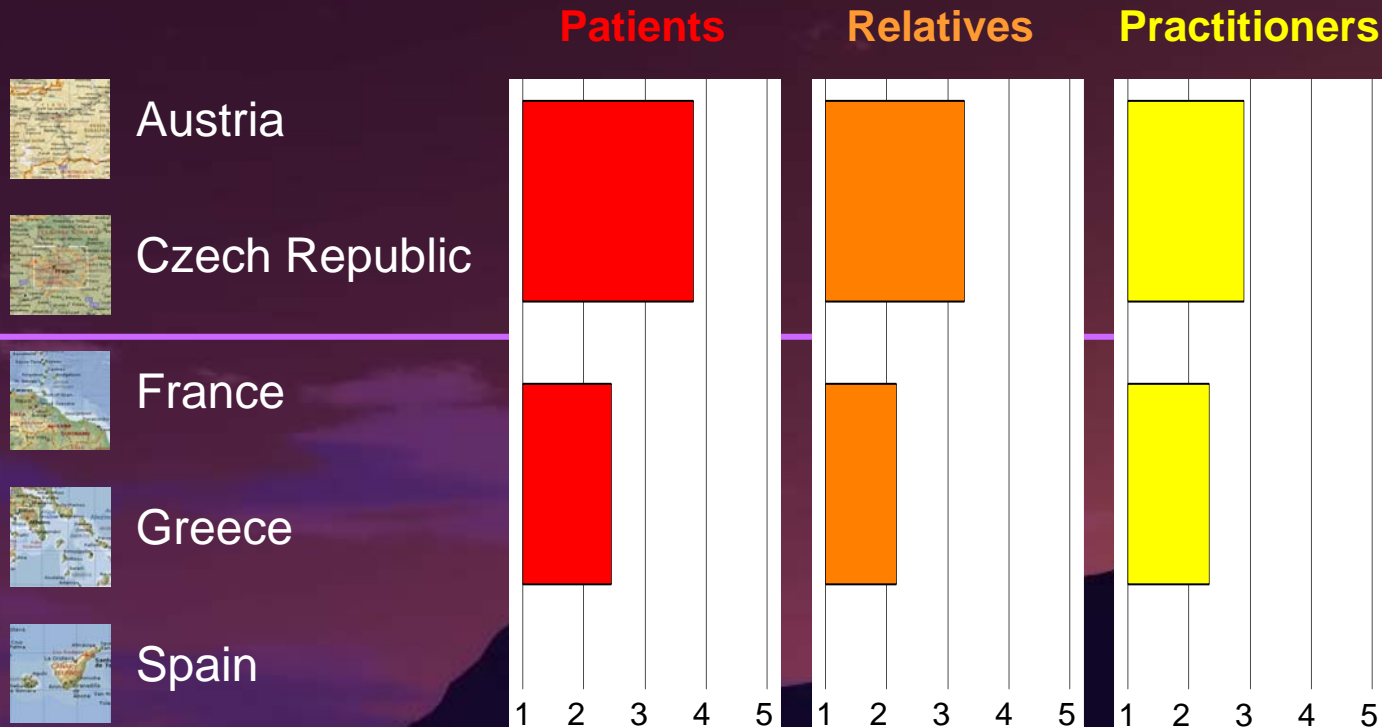
# Are the resources for mental health care sufficient in your area?

Likert-scale: 1 (No, not at all) - 5 (Yes, absolutely)



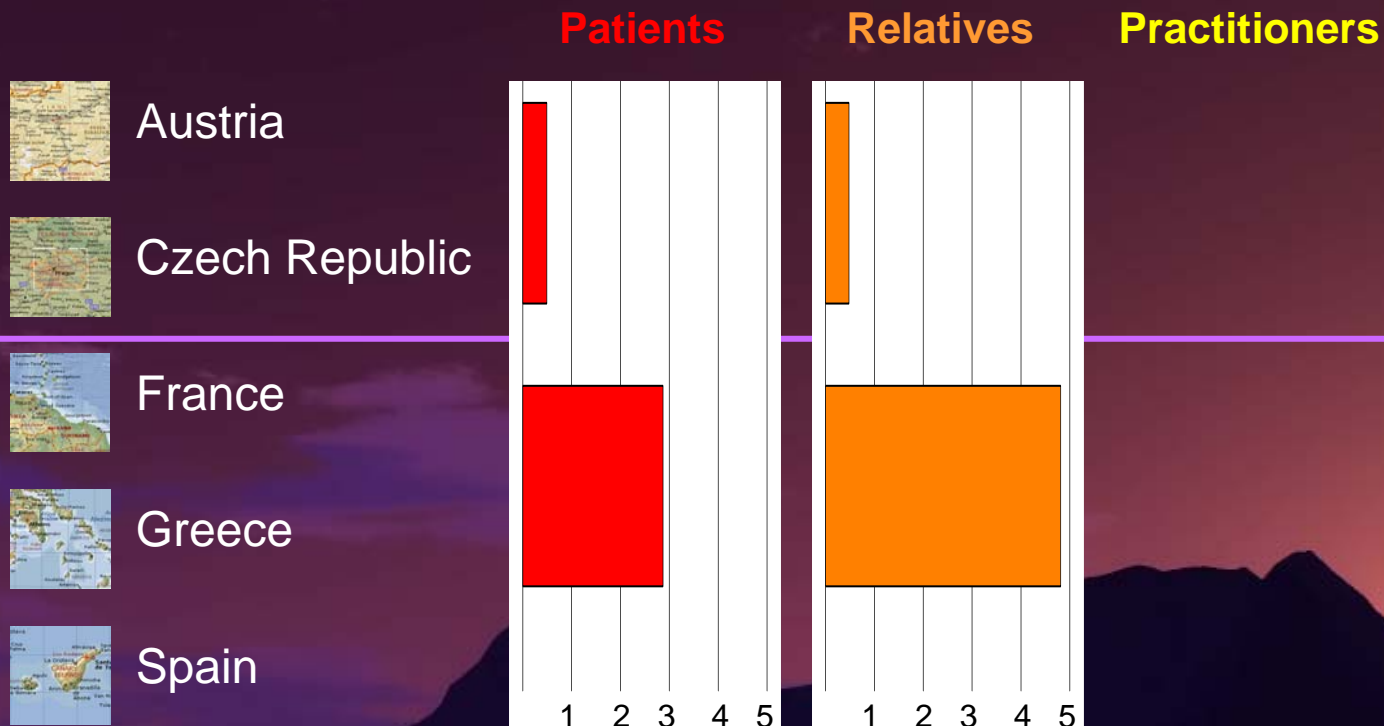
# Is the accessibility to mental health care sufficient?

Likert-scale: 1 (No, not at all) - 5 (Yes, absolutely)



# What is the average traveltime to the psychiatrist?

In hours



# Telecommunication: Personal situation



Austria



Czech Republic



France



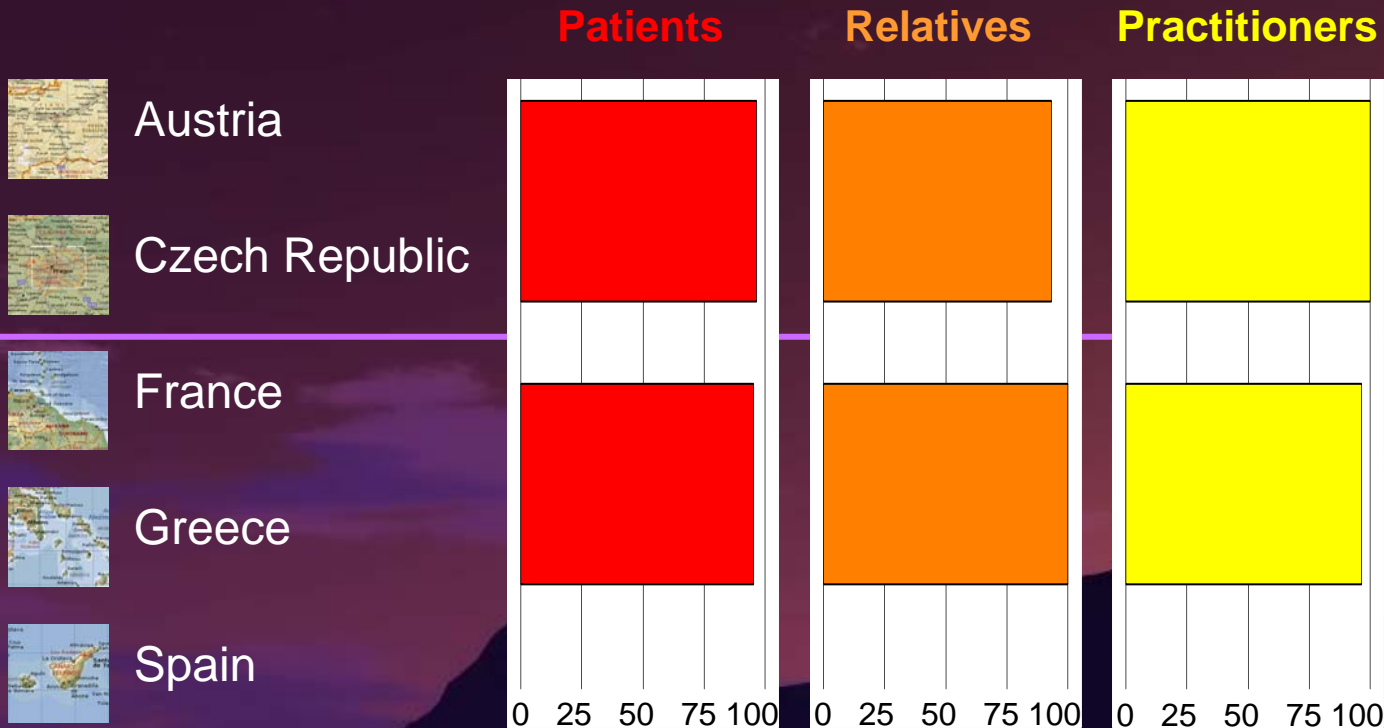
Greece



Spain

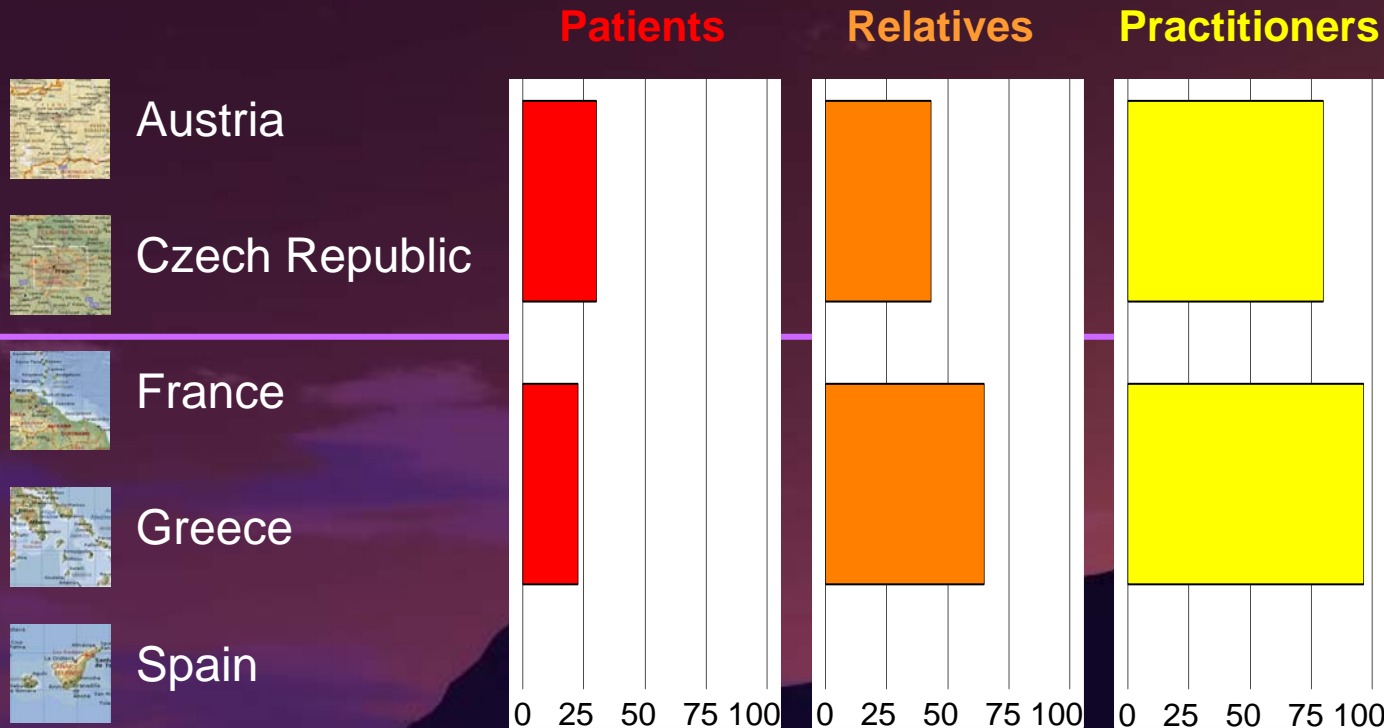
# Do you have a telephone?

„Yes“ in percent



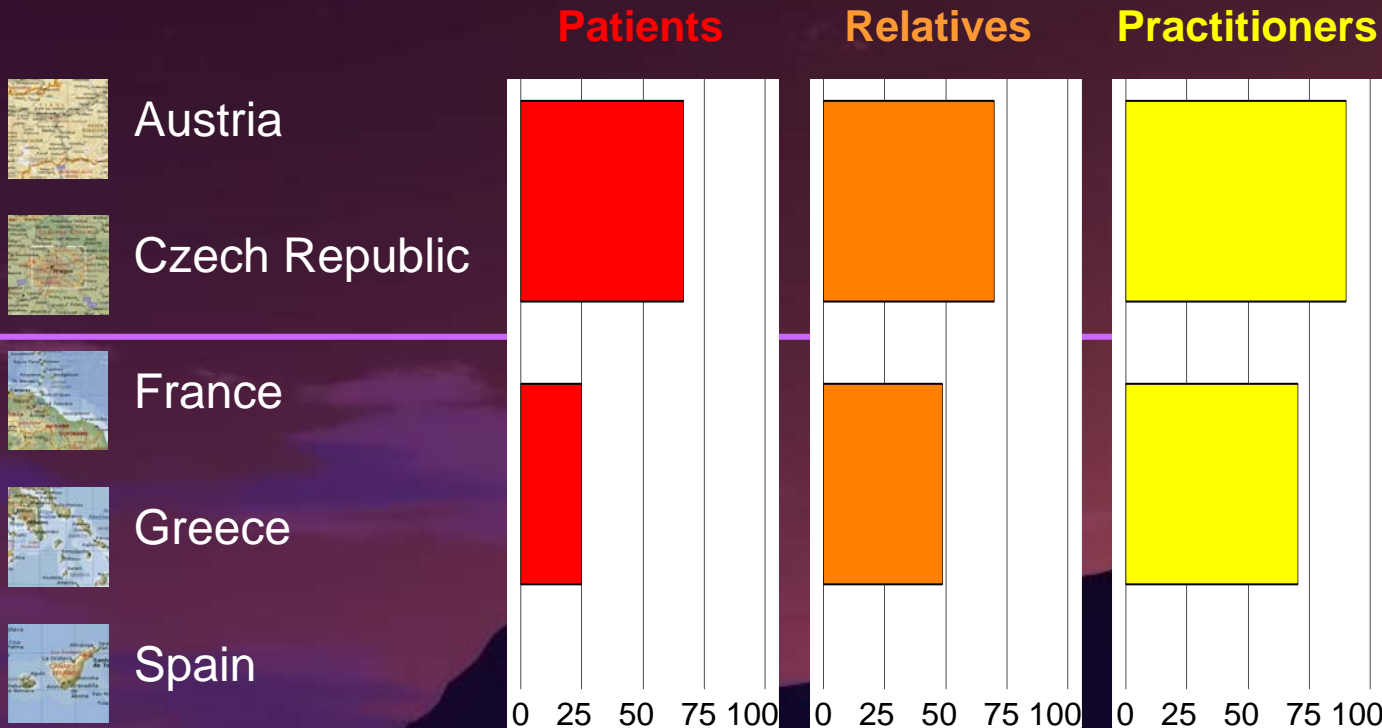
# Do you have access to fax?

„Yes“ in percent



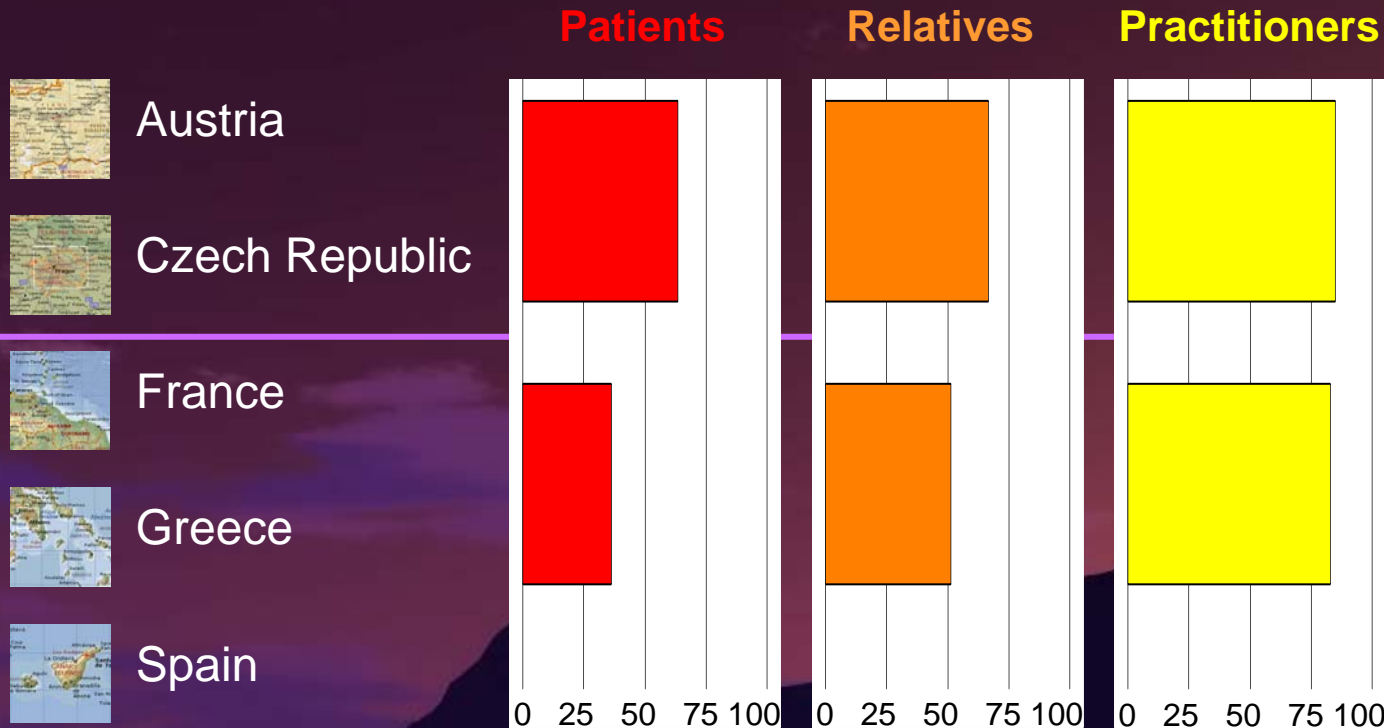
# Do you have a Personal Computer?

„Yes“ in percent



# Do you have access to Internet and e-mail?

„Yes“ in percent



# Attitudes towards telepsychiatry and e-mental health



Austria



Czech Republic



France



Greece



Spain



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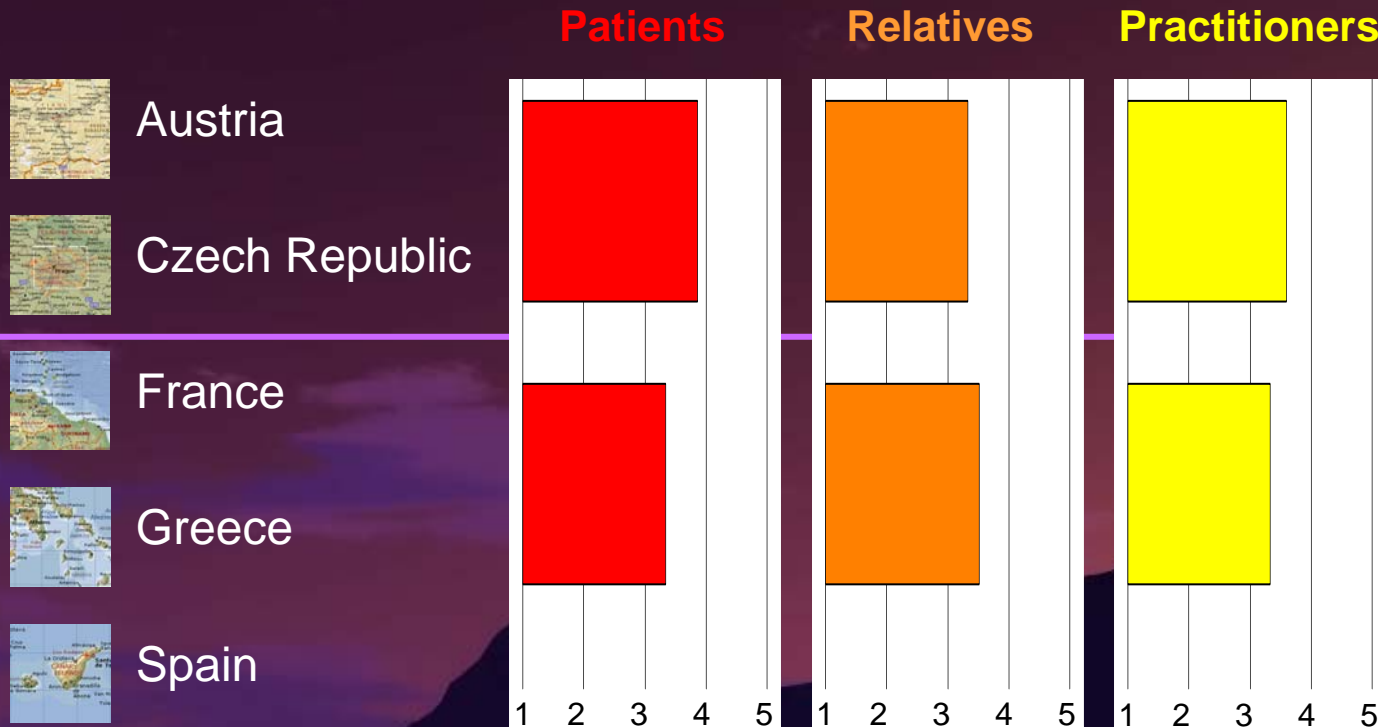


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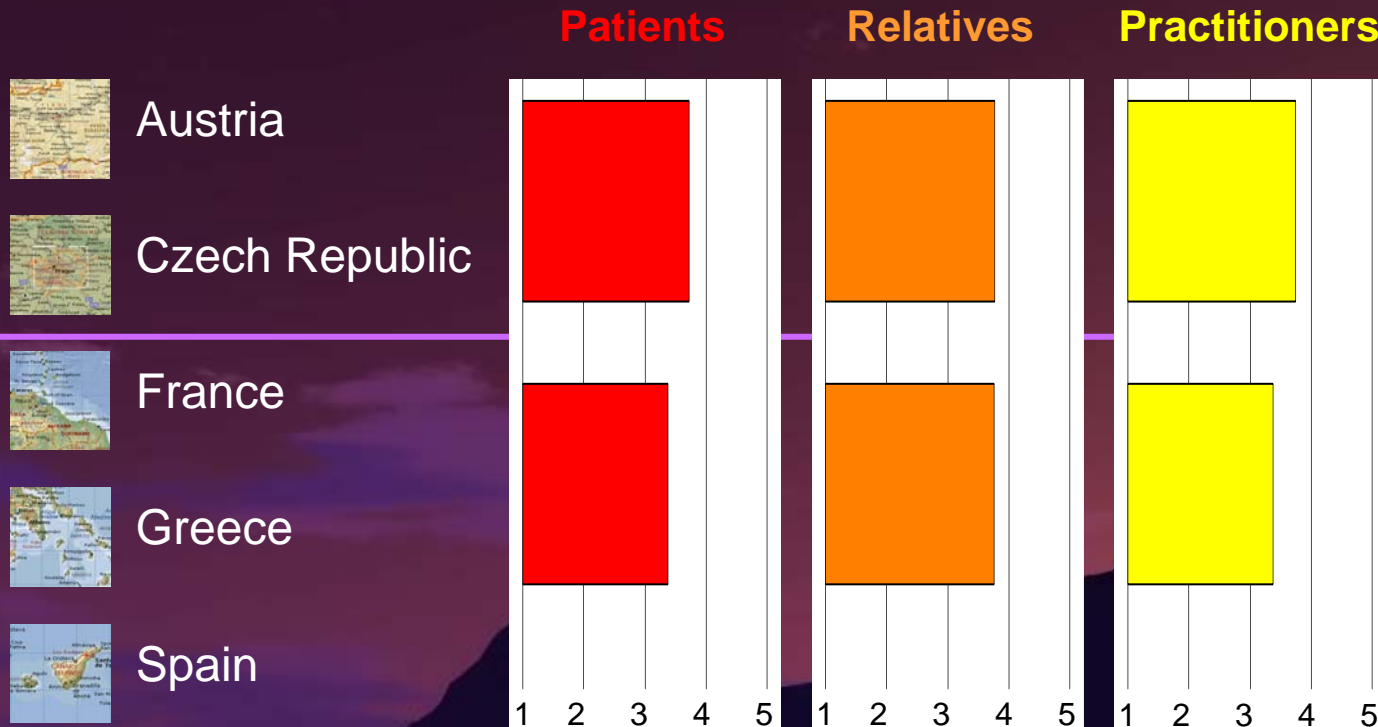
# Do you think that patients would accept a telepsychiatry or e-mental health service?

Likert-scale: 1 (No, not at all) – 5 (Yes, absolutely)



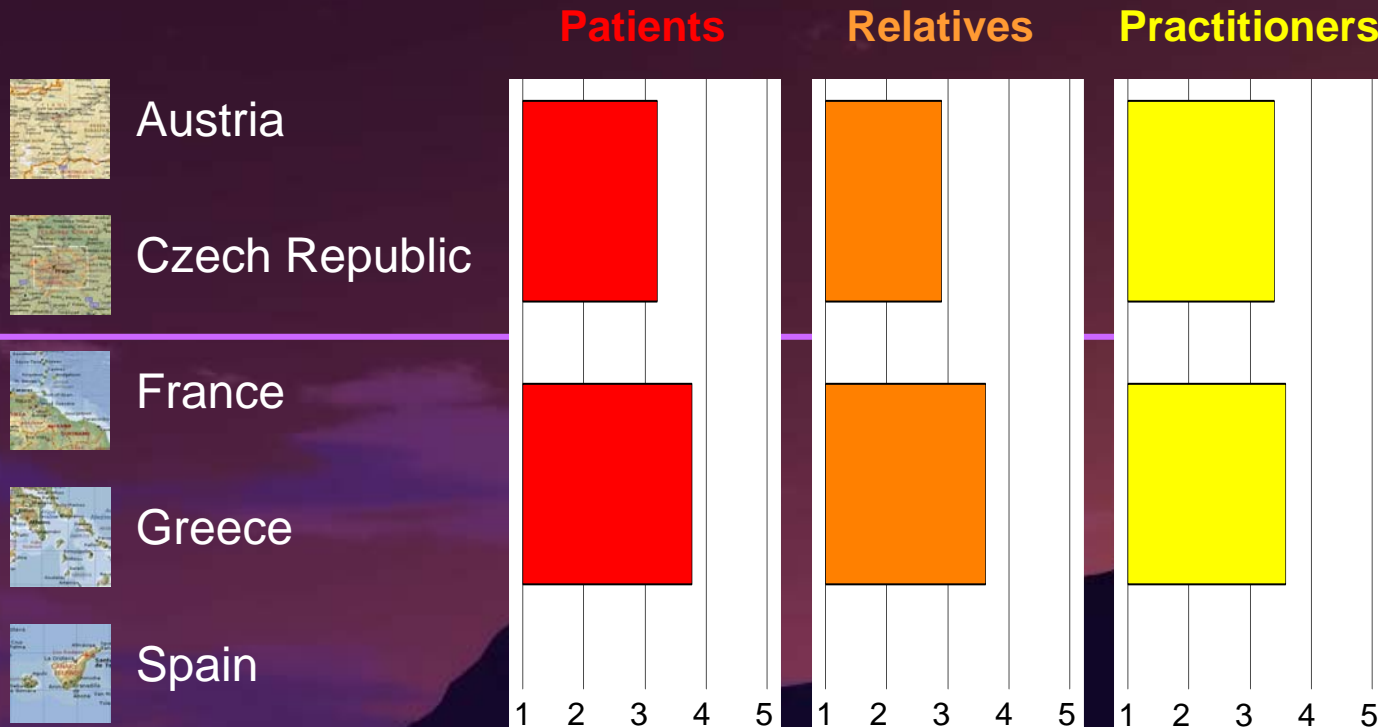
# Do you think that patients' family members would accept a telepsychiatry or e-mental health service?

Likert-scale: 1(No, not at all) – 5 (Yes, absolutely)



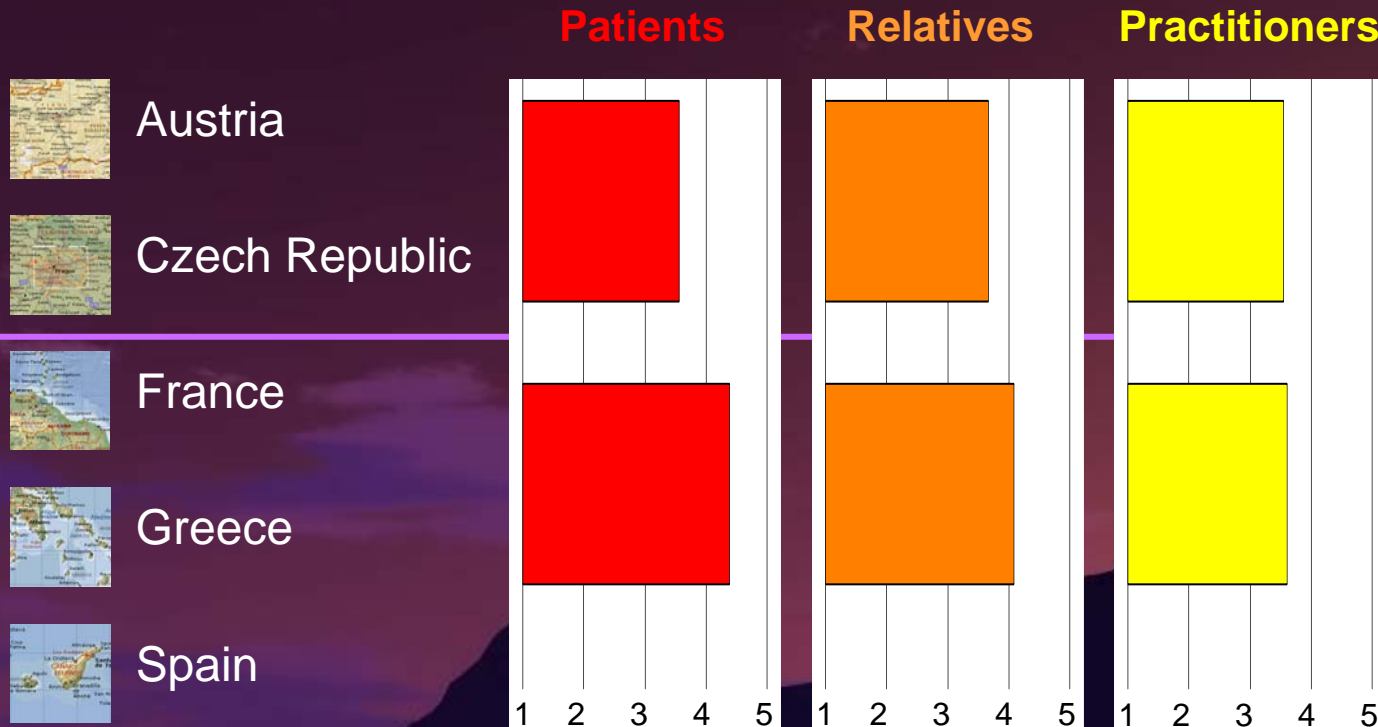
# Do you think that general practitioners would accept a telepsychiatry or e-mental health service?

Likert-scale: 1 (No, not at all) – 5 (Yes, absolutely)



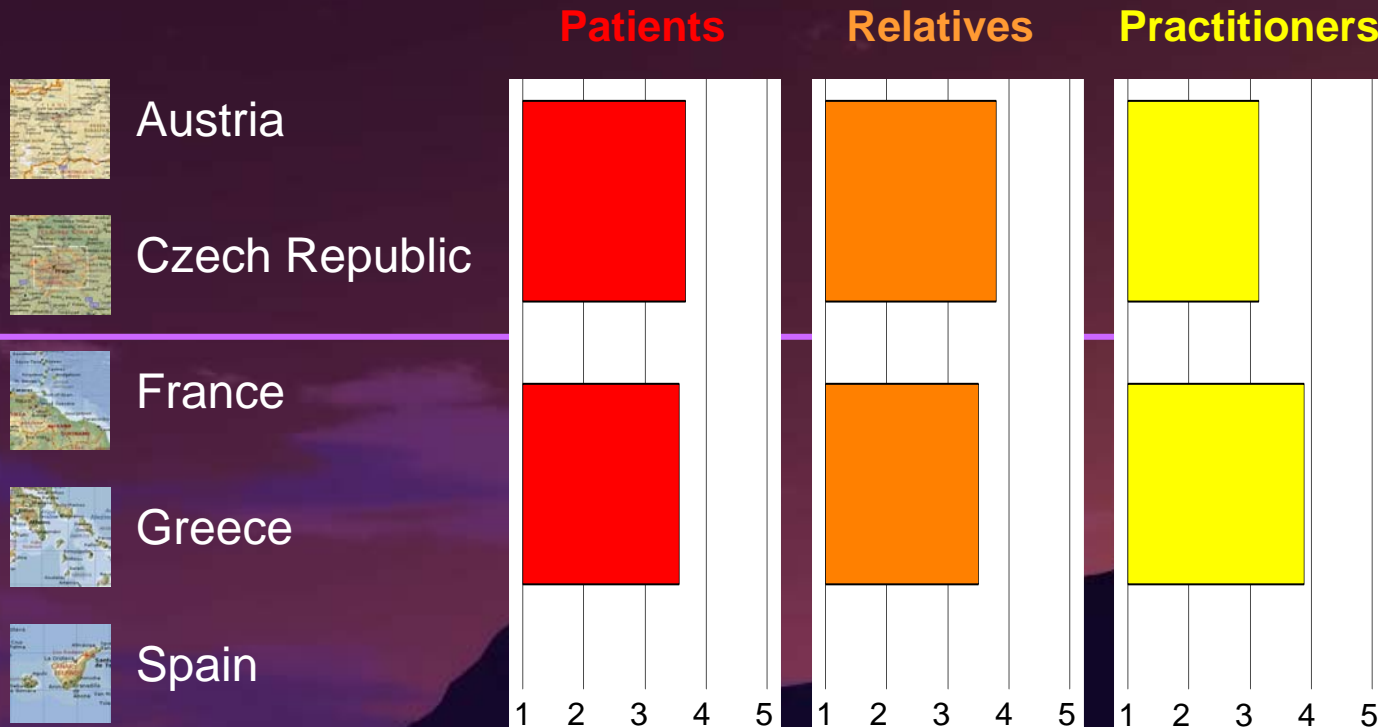
# Do you think that mental health professionals would accept a telepsychiatry or e-mental health service?

Likert-scale: 1 (No, not at all) – 5 (Yes, absolutely)



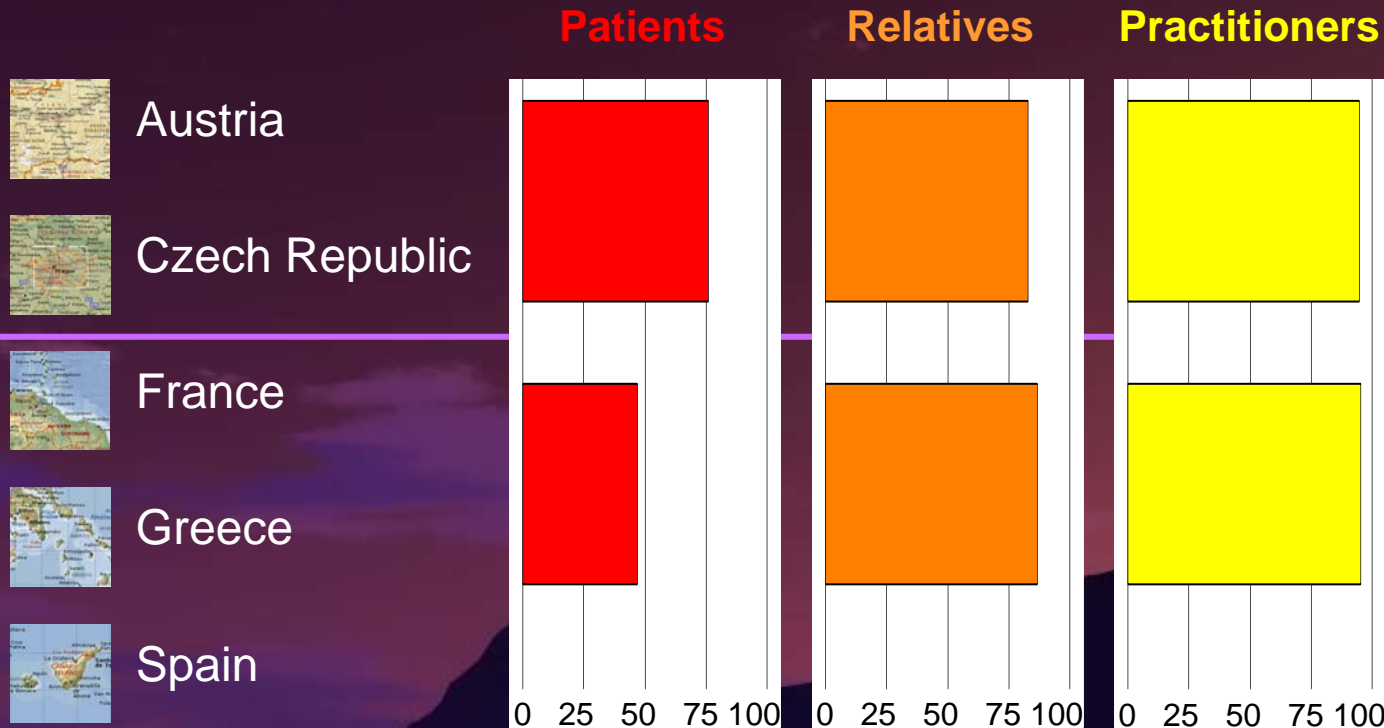
# Do you think that a telepsychiatric or e-mental health service would lead to improved quality of mental health care?

Likert-scale: 1 (No, not at all) – 5 (Yes, absolutely)



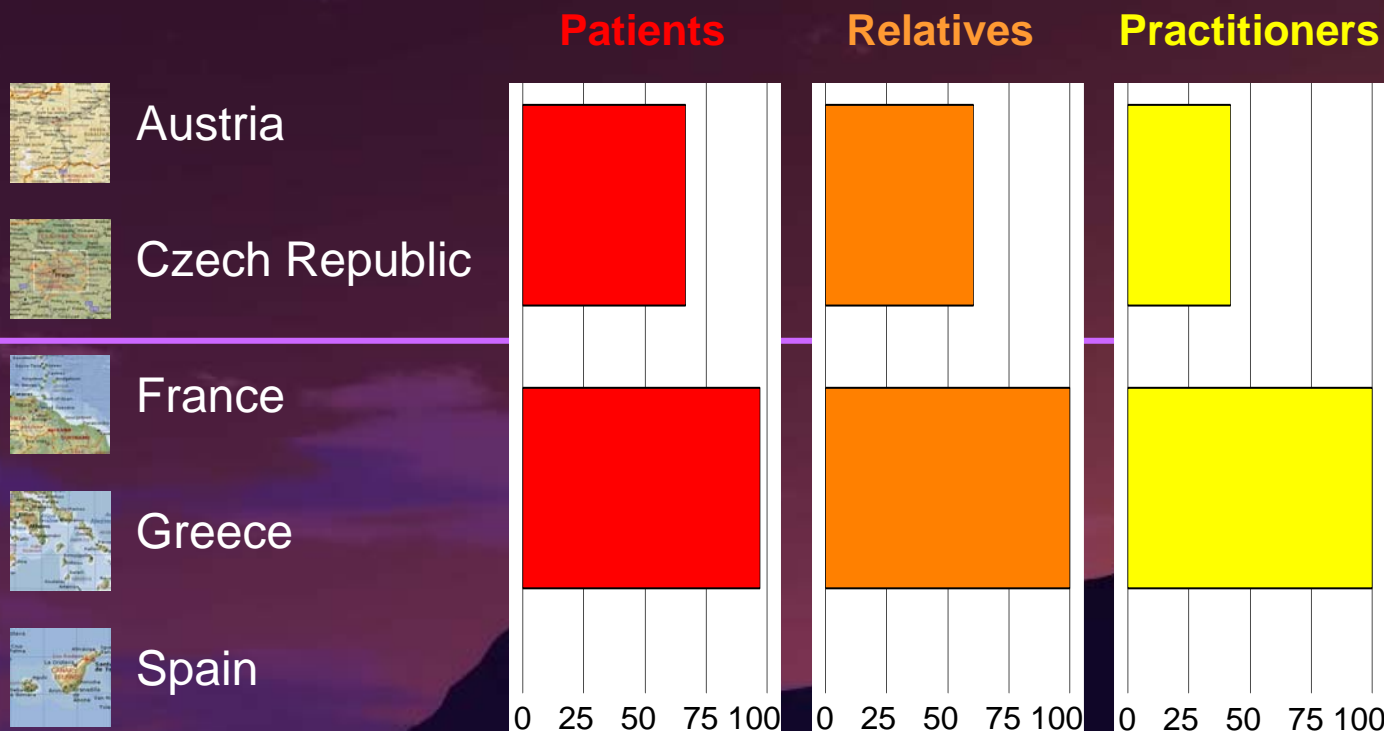
# Would the telephone be appropriate for psychiatric telecommunication services?

„Yes“ in percent



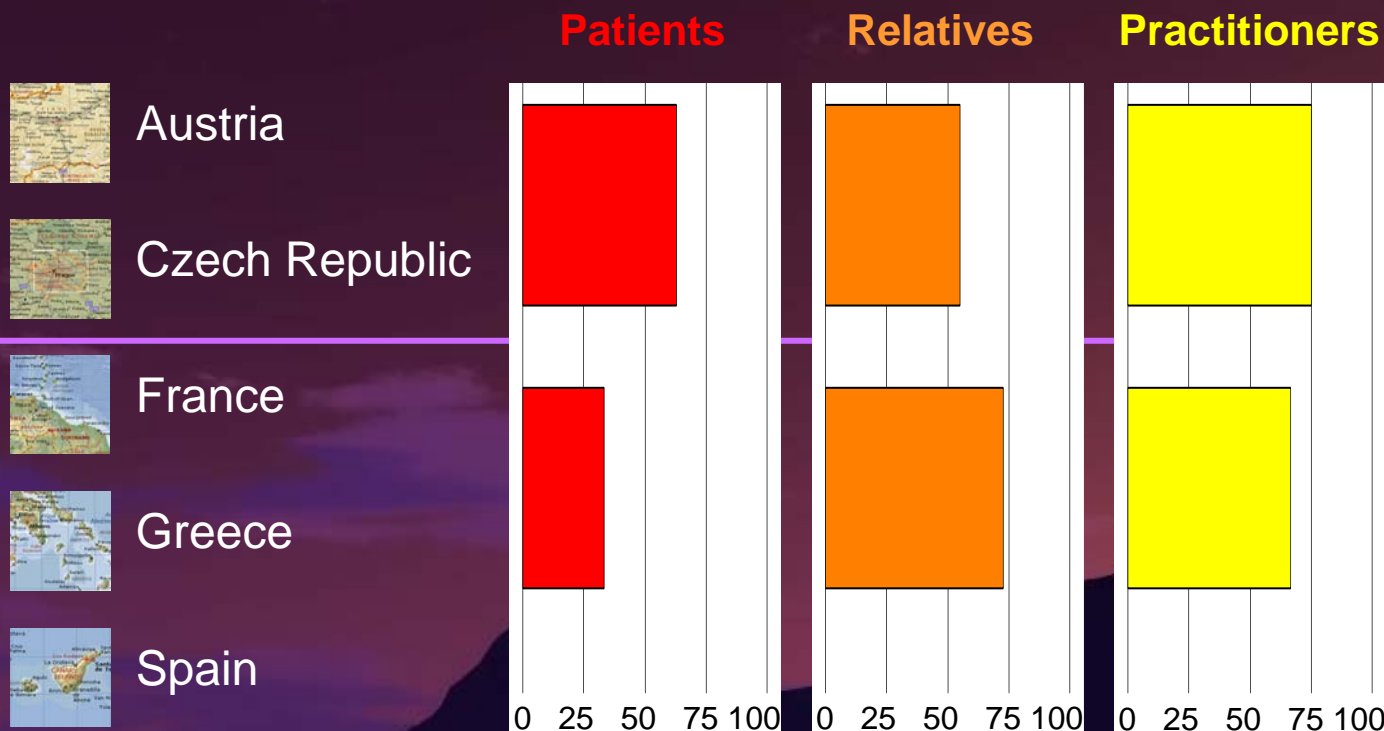
# Would videoconferencing be appropriate for psychiatric telecommunication services?

„Yes“ in percent



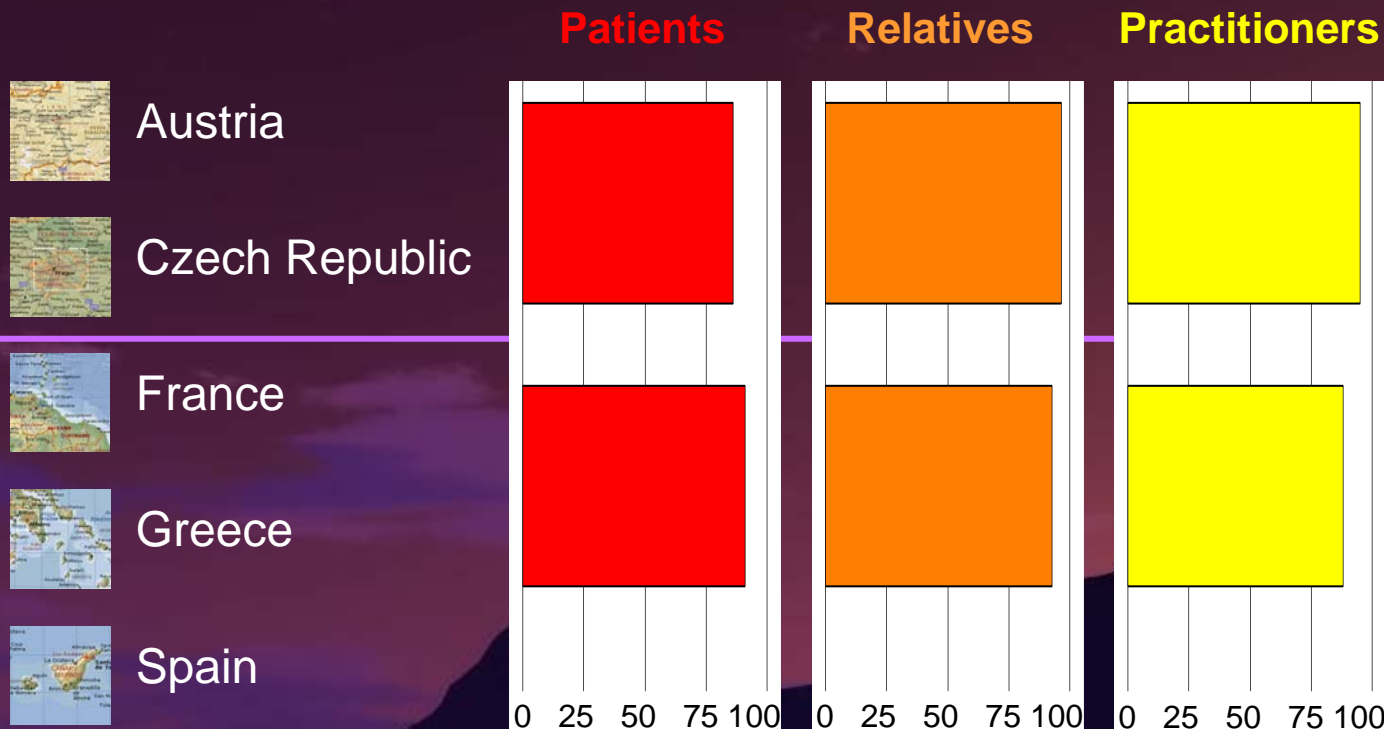
# Would Internet / email be appropriate for psychiatric telecommunication services?

„Yes“ in percent



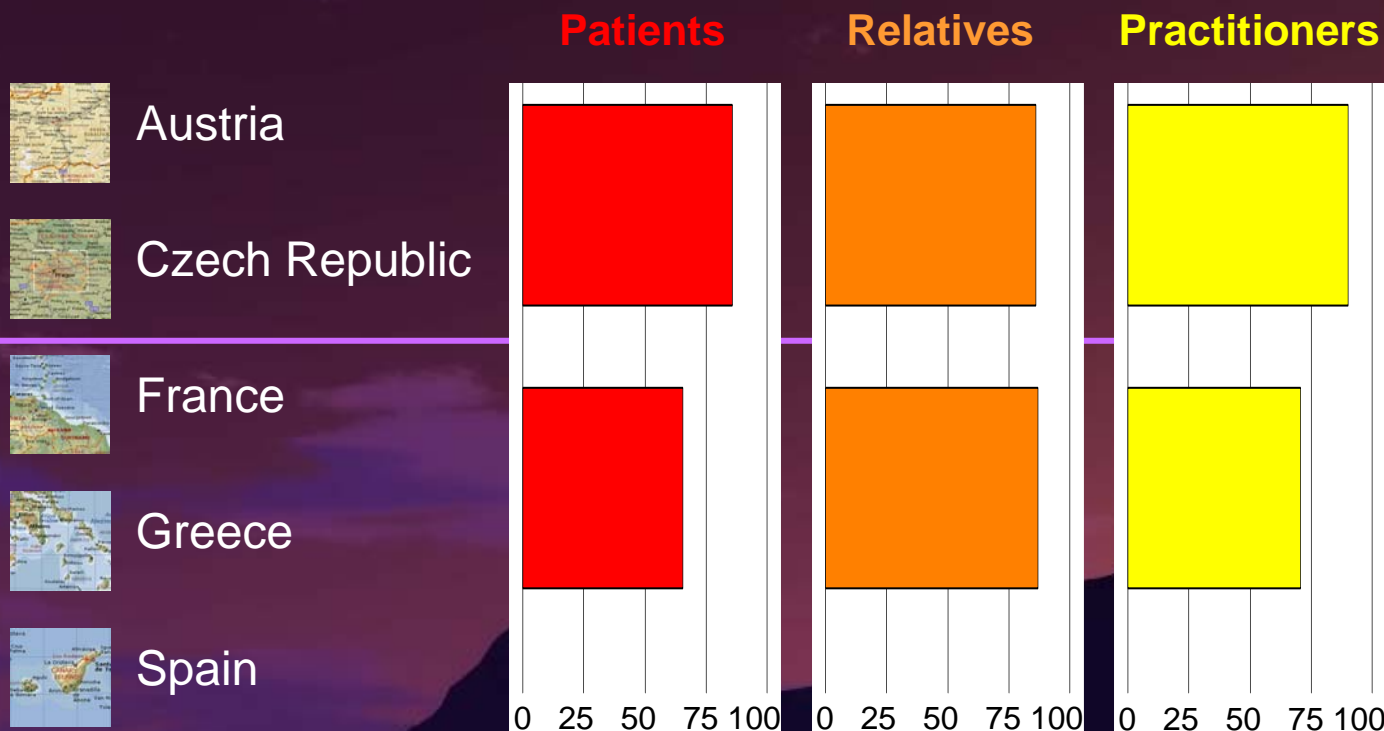
# Would you prefer to use telecommunication technologies for psychiatric information?

„Yes“ in percent



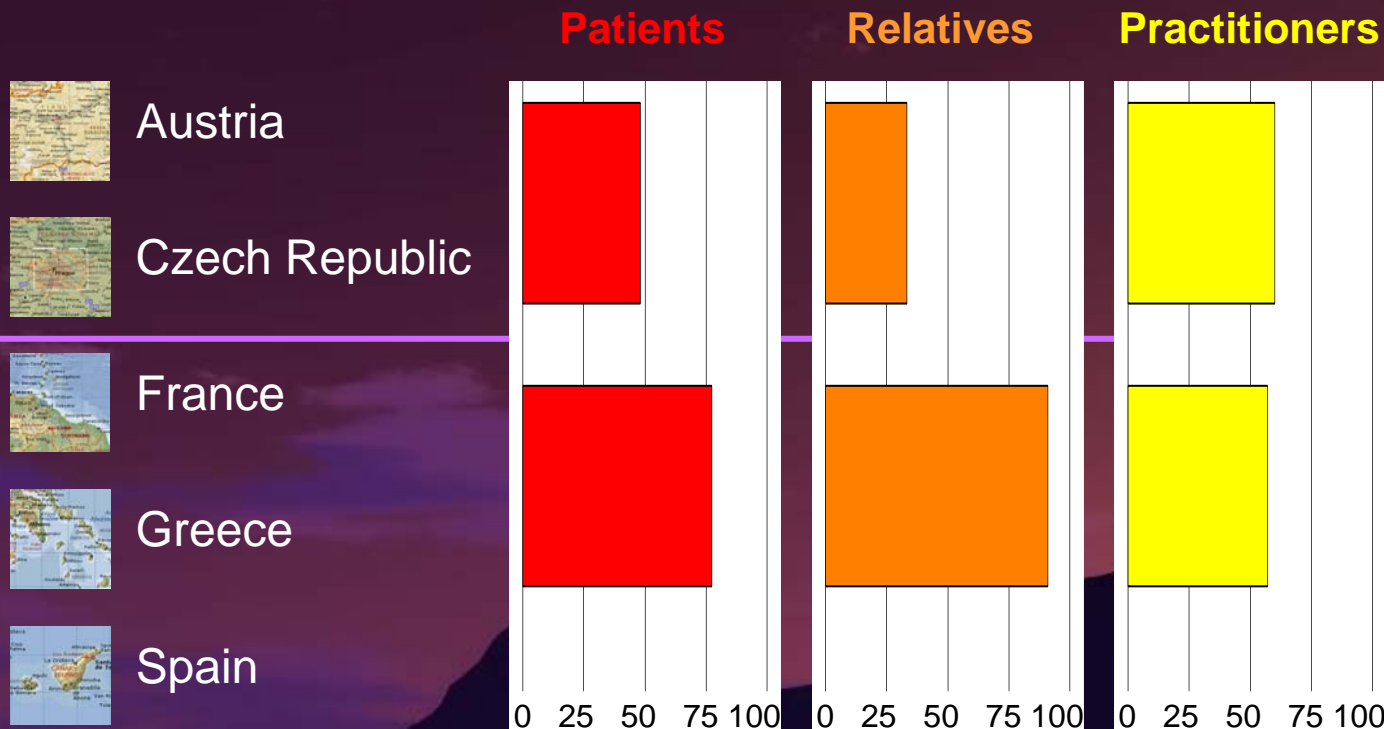
# Would you prefer to use telecommunication technologies for psychiatric consultation?

„Yes“ in percent



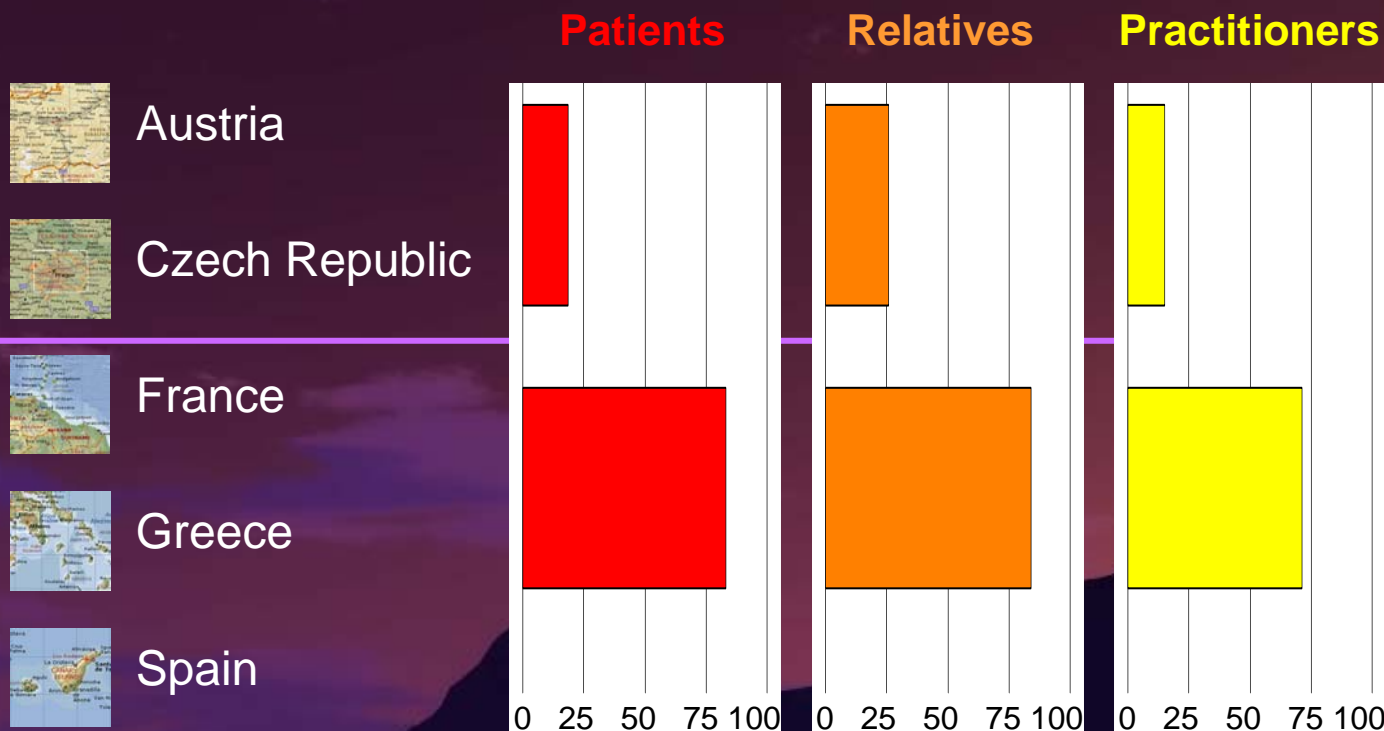
# Would you prefer to use telecommunication technologies for psychiatric treatment?

„Yes“ in percent



# Would you prefer to use telecommunication technologies for psychiatric assessment / diagnosis?

„Yes“ in percent



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